

2025-2026 HIGH SCHOOL DISTRICT 214

Academic Programs & Pathways Guidebook

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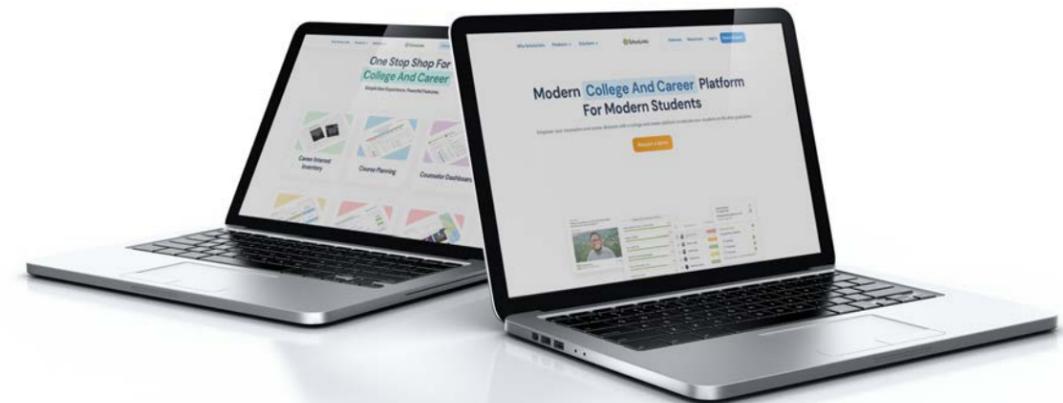
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Helpful Internet Tool for Finding a Career Pathway

District 214 introduces SchoolLinks! to assist students in becoming career, college and life ready.



SchoolLinks! Is an online platform that gives students and their families the opportunity to:

- explore careers based on interests, skills, lifestyle goals and job demand
- research colleges, compare costs, explore financial aid and scholarships
- develop life skills such as goal setting, financial literacy, resumé building and time management
- apply for work-based learning experiences, including internships and apprenticeships

During the 2024-2025 school year students will use their SchoolLinks account to complete assignments that assist them in exploring Career Pathways of interest, and post-secondary options. Once a pathway is identified the associated course sequence provided on the following pages can be used as a guide for selecting elective courses that will assist in the evaluation of that career field.

For assistance navigating SchoolLinks, students should reach out to their postsecondary counselor.

■ Introduction and Definitions

District 214 uses the following *nationally recognized terms* to help guide students through the selection of coursework and to support their decision making in preparation for their post-secondary goals.

College and Career Pathway Endorsements: Endorsements are awarded on the high school diploma to validate the work of students in preparing for particular industry sectors. Endorsement requirements include: completion of a learning plan, career-focused coursework, work-based learning, and postsecondary readiness in reading and math.

Career Cluster: Refers to the groups of the 16 nationally recognized occupations and industries that have a set of foundational knowledge and skills in common.

Career Pathway: Multi-year program of academic and technical study that prepares students for a full range of post-secondary options within each career cluster. Career pathways provide a context for exploring career options at all levels of education. Career pathways link student learning to the knowledge and skills needed for future education and employment.

Within each District 214 *Program of Study* the following terms are used to describe coursework and opportunities that align with that career area.

Pathway Courses: Recommended sequence of courses that provide students opportunities to explore and develop skills within a specified career area.

Related Electives: Courses that provide students additional opportunities within the specified career area or opportunities to develop skills and knowledge in a closely related career area.

Work-based Learning Experiences: Extended educational opportunities in which students engage in authentic and relevant work aligned with a career pathway. These experiences allow students to participate in a professional work environment and assist with career skill development and decision-making. These opportunities may provide varied levels of support, depending upon students' individual needs.

Career Related Activities: Opportunities for student career exploration and/or career skill development that may include the involvement of industry partners. These opportunities are generally less formal and/or intensive than Work-based Learning Experiences in the areas of career exploration and/or career skill development.

Certifications: Credentials awarded to students by an independent third party verifying qualifications or competencies in a career skill area. Industry-recognized certifications are sought or accepted by employers as a recognized, preferred or required credentials for recruitment, screening, hiring, retention or advancement purposes of their employees.

College Majors: College majors are concentrations of educational study focused on a career area. College majors can lead to an associate, bachelor, master, or doctorate degree. In this document, a sample of majors related to each program of study is listed.

Careers: Careers are occupations that usually require special training or formal education. In this document, a sample of careers related to each program of study is listed.

■ D214 Career Clusters and Pathways

Finding the best way for students to learn and achieve success is of utmost importance to the State of Illinois and the nation as a whole. College and career success is critical to our national and state economy and has become a national priority.

The Career Clusters and related Career Pathways serve as an organizing tool for schools, small learning communities, academies and magnet schools to develop more effective programs of study and curriculum.

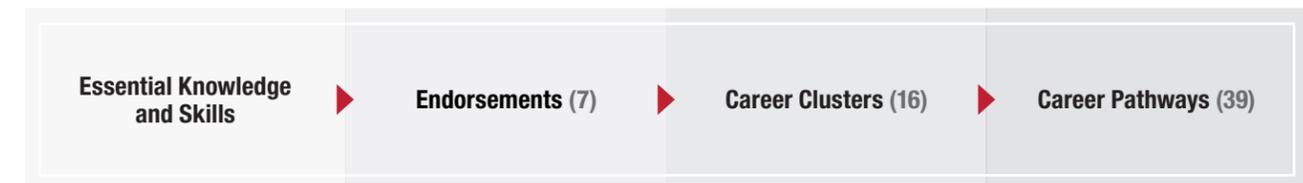
Essential Knowledge and Skills

The cluster level knowledge and skills set is built on a common core required for career success in the multiple occupations included in the cluster.

Career and Technical Education (CTE) has been central to this call for greater college completion and the credentials that CTE provides to both traditional and nontraditional student populations and has emerged as one of the most important elements in the completion agenda throughout the country.

The Sixteen Career Clusters

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, Audio/Video Technology and Communications
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing
- Science, Engineering and Mathematics
- Transportation, Distribution and Logistics



College and Career Pathway Endorsements

Agriculture, Food, and Natural Resources (AFNR)

Agriculture, Food & Natural Resources

- Food Science
- Plant & Animal Systems
- Sustainability, Energy, Environment and Data Analytics



Arts and Communication (A&C)

Arts, Audio/Video Technology and Communications

- Multimedia Communications
- Visual Arts: Graphic Arts
- Visual Arts: Studio Art
- Visual Arts: Photography
- Performance Arts: Acting & Theater
- Performance Arts: Band
- Performance Arts: Choir
- Performance Arts: Dance
- Performance Arts: Orchestra



Finance and Business Services (FBS)

Business Management & Administration

- Business Management & Administration

Finance

- Finance

Hospitality and Tourism

- Culinary Arts

Marketing

- Marketing



Health Sciences and Technology (HST)

Health Science

- Allied Health
- Nursing
- Pre-Medicine



Human and Public Services (HPS)

Education and Training

- Early Childhood Education Pre K-2
- Education K-12

Government & Public Administration

- Government & Public Administration
- International Relations

Human Services

- Family and Community Services
- Exercise, Physiology and Kinesiology

Law, Public Safety, Corrections and Security

- Criminal Justice
- Emergency and Fire Management Services
- Law



Information Technology (IT)

Information Technology

- Information Technology and Network Systems
- Cybersecurity



Manufacturing, Engineering, Technology and Trades (METT)

Architecture and Construction

- Architecture
- Building Trades
- Heating, Ventilation and Air Conditioning (HVAC)

Manufacturing

- Fashion
- Manufacturing

Science, Engineering and Mathematics

- Engineering
- Actuarial Science

Transportation, Distribution and Logistics

- Automotive Service
- Aviation



Dual Credit Courses

EASTERN ILLINOIS UNIVERSITY DUAL CREDIT (awards in semester hours)

D214 Course	D214 Course Name	EIU Course	Hours	EIU Course Name	College/University Prerequisite
63890	College Speech Communication	CMN1310G	3	Introduction to Speech Communication	None
60410	College Intro to Mass Communication	CMN2520	3	Introduction to Mass Communication	None
67930	College Macroeconomics	ECN2801G	3	Principles of Macroeconomics	None
67940	College Microeconomics	ECN2802G	3	Principles of Microeconomics	None
69970	College Education in a Diverse Society	EDF2555G	3	Education in a Diverse Society: The Multilingual/Multicultural Classroom	None
63290	College Composition	ENG1001G	3	College Composition I: Critical Reading & Source-Based Writing	Minimum high school GPA 3.0 or a minimum ACT English score of 18 or SAT EBRW score of 430 or Division Head Approval
61710	College Literature: Stories Matter	ENG1009	3	Stories Matter	C or better in ENG1001G (63290) or C or better in AP English Language and Composition (03971/03972)
68660	College Advanced strength and Conditioning	KSR1600	2	Weight Training	None
64680	College Math: A Human Endeavor	MAT1160G	3	Mathematics: A Human Endeavor	C or better in Algebra II or Geometry
64400	College Algebra	MAT1271	3	College Algebra	Math ACT of 20, or SAT of 520 or better; ALEKS score of 46 or better
64450	College Statistics	MAT2250G	4	Elementary Statistics	Math ACT of 20, or SAT of 520 or better; ALEKS score of 46 or better
64981	College Calculus 3	MAT2443	4	Calculus and Analytic Geometry III	AP score of 4 or 5 in AP Calculus (BC)
64982	College Differential Equations	MAT3501	3	Differential Equations I	C or better in MAT2443 (64981)
69590	College Legal Research and Argument	PLS2503	3	Legal Research and Argument	None
67630	College World Religions	RLS1200G	3	Introduction to Religious Studies	None
69620	College Inquiry in Teaching	SED2000	2	Inquiry Into Teaching	None
67381	College Intermediate Spanish-1	WLS2201G	4	Intermediate Spanish I	Must have successfully completed WLS 1102 or 1191 or two years of high school Spanish language or a course articulated as equivalent to WLS 1102 or 1191
67382	College Intermediate Spanish-2	WLS2202G	4	Intermediate Spanish II	Must have successfully completed WLS 2201G or 2291G or three years of high school Spanish language or a course articulated as equivalent to WLS 2201G or 2291G

HARPER DUAL CREDIT (awards in semester hours)

D214 Course	D214 Course Name	Harper Course	Hours	Harper Course Name	College/University Prerequisite
68340	College Intro to Human Anatomy/ Physiology	BIO 135	4	Introduction to Human Anatomy and Physiology	None
68171	College Nursing Assistant Training (D214)	CNA111	4	Nursing Assistant Training	16 year old Junior or Senior. Must have ability to lift, move, and transfer patients. Students must have health insurance, meet all health requirements, pass a criminal background check, and have eligibility to work in the United States. All above requirements will be reviewed in the mandatory attendance Information Session at the beginning of each semester.
68172	College Nursing Assistant Training (D214)	CNA112	2	Nursing Assistant Training: Clinical Experience	CNA 111 with a grade of C or better
60060	College Introductory Electronics	ELT110	4	Introductory Electronics	Completion of High school Algebra I and 10th grade reading level
66911/66912	College PLTW Digital Electronics	ELT203	4	Digital Electronics	ELT110 with a grade of C or better or completion of equivalent High School PLTW coursework.
65860	College Fashion Merchandising	FAS112	3	Fashion Basics	None
60260	College Fashion Industry Career Practicum & Seminar	FAS116	3	Fashion Industries Career Practicum	Concurrent employment of ten hours or more in a fashion related field.
60130	College Introduction to Fire Science	FIS100	3	Fundamentals of Fire Protection	None
60140	College Fire Behavior and Combustion	FIS121	3	Fire Behavior and Combustion	None
65801/65802	College Culinary Arts/ ProStart 2	FSM109	4	Introduction to Food Prep/ Production	None
65801/65802	College Culinary Arts/ ProStart 2	FSM111	3	Introduction to the Hospitality Industry	None
65711/65712	College Culinary Arts/ProStart 1	FSM114	2	Food Standards and Sanitation	None
66302	College Advanced Graphic Arts	GRA103	3	Digital Imaging I	None
66301	College Advanced Graphic Arts	GRA112	3	Digital Illustration I	None
60080	College Refrigeration Fundamentals	HVA101	3	Refrigeration Fundamentals	None
60150	College Heating Principles	HVA103	3	Heating Principles	None
66740	College A+ Hardware	NET111	3	A+ Hardware	NET 105 with a grade of C or better or concurrent enrollment

HARPER DUAL CREDIT (continued) (awards in semester hours)

D214 Course	D214 Course Name	Harper Course	Hours	Harper Course Name	College/University Prerequisite
60100	College Intro to Criminal Justice	LEJ101	3	Intro to Criminal Justice	None
60120	College Introduction to Corrections	LEJ104	3	Corrections	None
69631	College Advanced Machine Technology	MFT102	4	Introduction to Manufacturing and Safety	None
69641	College Advanced CNC Machining	MFT104	2	Quality and Measurement	Prior or concurrent enrollment in MFT102 with a grade of C or better.
69632	College Advanced Machine Technology	MFT105	3	Machining Processes I	None
69642	College Advanced CNC Manufacturing	MFT120	3	Machining Processes II	"MFT105 with grade of C or better."
60740	College IT Fundamentals	NET105	3	IT Fundamentals	None
66800	College A+ Operating Systems Technology	NET112	3	A+ Operating Systems Technologies	NET 105 with a grade of C or better or concurrent enrollment
66810	College Computer Networking	NET121	3	Computer Networking	NET 105 with a grade of C or better
67850	College Middle Eastern Politics	PSC260	3	Middle Eastern Politics	None
60271	College American Sign Language 1	SGN101	4	American Sign Language	High school seniors only. Students must have B grade average or better in 3 years of high school English.
60272	College American Sign Language 2	SGN102	4	American Sign Language II	SGN101 with a grade of C or better.

NATIONAL LOUIS UNIVERSITY DUAL CREDIT (awards in quarter hours)

D214 Course	D214 Course Name	NLU Course	Hours	NLU Course Name	College/University Prerequisite
65551/65552	College Accounting	ACC201	5	Principles of Financial Accounting	None
65550	College Financial Accounting	ACC201	5	Principles of Financial Accounting	None
65560	College Managerial Accounting	ACC202	5	Principles of Managerial Accounting	None
65641/65642	College Business	BUS101	5	Principles of Business	None
78350	College Applied Educational Psych	EDU200	5	Applied Educational Psychology	None
60700	College Introduction to Education	EDU210	5	Educational Philosophy: A Historical Account	None
65681/65682	College Entrepreneurship 1	ENT295	5	Introduction to Entrepreneurship	None
65733	College Principles of Marketing	MKT300	5	Principles of Marketing, College/University	None

TRITON DUAL CREDIT (awards in semester hours)

D214 Course	D214 Course Name	Triton Course	Hours	Triton Course Name	College/University Prerequisite
66071/66072	College Vocational Auto	AUT112	3	Introduction to Automotive Technology	None
66191	College Practical Architectural Construction- PAC	COT106	3	Carpentry: Rough Carpentry	None
66192	College Practical Architectural Construction- PAC	COT206	3	Carpentry: Finished Carpentry	None

LEWIS UNIVERSITY DUAL CREDIT (awards in semester hours)

D214 Course	D214 Course Name	Lewis Course	Hours	Lewis Course Name	College/University Prerequisite
66941/66942	College PLTW Aerospace Engineering	AVMT20300	1	Visual Aircraft Recognition	GPA 2.5 or higher; College Ready
66850	College Aviation Fundamentals	AVMT10600	4	Aviation Fundamentals	GPA 2.5 or higher; College Ready
64820	College Private Ground 1	AVTR13000	3	Private Ground 1	GPA 2.5 or higher; college ready
64830	College Private Ground 2	AVTR13100	3	Private Ground 2	AVTR 13000

MORAIN VALLEY COMMUNITY COLLEGE DUAL CREDIT (awards in semester hours)

D214 Course	D214 Course Name	MVCC Course	Hours	MVCC Course Name	College/University Prerequisite
66241	College Cybersecurity and Mobility	LAN101	1 / 1	Orientation to IT Professions	None
66241	College Cybersecurity and Mobility	LAN103	1 / 1	Security Awareness	None
60402	College Advanced Network Systems and Cybersecurity	LAN153	3	IT Security Essentials - Security+	LAN-122 or consent of instructor

COLLEGE OF DUPAGE (awards in quarter hours)

D214 Course	D214 Course Name	COD Course	Hours	COD Course Name	College/University Prerequisite
68390	College Sustainable Urban Agriculture	HORT2300	3	Introduction to Sustainable Urban Agriculture	None

■ D214 School Information

HIGH SCHOOL DISTRICT 214

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7600 | www.d214.org

DISTRICT 214 COMMUNITY EDUCATION

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7700 | www.ce.d214.org

DISTRICT 214 EDUCATION FOUNDATION

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7700 | www.214foundation.org

BUFFALO GROVE HIGH SCHOOL

1100 West Dundee Road
Buffalo Grove, IL 60089
847-718-4000 | bghs.d214.org

ELK GROVE HIGH SCHOOL

500 West Elk Grove Boulevard
Elk Grove Village, IL 60007
847-718-4400 | eghs.d214.org

JOHN HERSEY HIGH SCHOOL

1900 East Thomas Street
Arlington Heights, IL 60004
847-718-4800 | jhhs.d214.org

INTERNATIONAL NEWCOMER ACADEMY

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7937 | nc.d214.org

LIFE TRANSITION PROGRAM

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7772 | www.d214.org/life

PROSPECT HIGH SCHOOL

801 West Kensington Road
Mount Prospect, IL 60056
847-718-5200 | phs.d214.org

ROLLING MEADOWS HIGH SCHOOL

2901 West Central Road
Rolling Meadows, IL 60008
847-718-5600 | rmhs.d214.org

THE ACADEMY AT FOREST VIEW

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7772 | theacademy.d214.org

VANGUARD SCHOOL

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7870 | vanguard.d214.org

WHEELING HIGH SCHOOL

900 South Elmhurst Road
Wheeling, IL 60090
847-718-7000 | whs.d214.org

YOUNG ADULT PROGRAM

2901 West Central Road
Rolling Meadows, IL 60008
847-718-5788

■ Post Secondary Counselors Contact Information

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Joanne Amador-Zapata

Wheeling High School
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Career Pathways

2024-2025 HIGH SCHOOL DISTRICT 214

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(AFNR)

Agriculture, Food and Natural Resources



Agriculture, Food and Natural Resources

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Career Pathways

Agriculture, Food and Natural Resources

Agriculture, Food and Natural Resources (AFNR)

Agriculture, Food and Natural Resources

This career cluster offers students opportunities to explore environmental areas, agriculture and food sciences, farm management, veterinary services, and agricultural engineering, and heavy equipment maintenance, among others. These pathways prepare students for postsecondary education or the workplace through core classes, mentorships, practical work experience and certifications.

Pathways

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Kaeleigh Wilson

Student Spotlight

During her freshman year at Rolling Meadows High School, Kaeleigh Wilson attended a seminar on new classes and discovered District 214's Agriculture, Food and Natural Resources career cluster. The idea of studying agriculture hit home.

By her junior at Rolling Meadows High School, Kaeleigh was taking courses that would help her decide whether to pursue a career in environmental or agricultural engineering. So far, she's been enjoying classes that support both fields, such as Food Science, Veterinary Science and Environmental Science.

"Environmental engineering is more about helping the planet," she says. "With agricultural engineering, you're basically the person who helps solve problems for farmers."

After high school, Kaeleigh plans to continue her studies at a state university with a strong agricultural program. Even though she has grown up in the suburbs, she says she wants a career that will allow her to live in a small town or rural setting—something her pathway will support.

“The classes I’m taking are helping me to decide exactly what I want to do as a career.” - Kaeleigh Wilson



Agriculture

Food Science

Students interested in becoming agricultural and food science technicians, chemical technicians, farm and ranch managers, food science technicians or pest control workers can gain experience in this pathway through classes and hands-on work-based experiences. In addition, high school certification for Food Handler and the National Restaurant Association ProStart Certificate of Achievement are offered.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Food Science

Intro to Culinary Arts/
Advanced Culinary Arts

Food Science (RMHS)

College Culinary
Arts/Prostart 1

College Culinary/
Prostart 2

AP Chemistry

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Statistics
- AP Biology
- AP Environmental Science
- College Entrepreneurship
- College Statistics

Career Related Activities for the Food Science pathway

- Athletics
- Bass Fishing Club
- District Career Days
- District Career Nights
- District Career Treks
- Environmental Club
- Future Farmers of America
- Skills USA

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110.5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Food Science

■ Potential College Programs

- Agriculture and Food Products Processing
- Agricultural Business and Management
- Food Science
- Food Technology and Processing
- Nutrition
- Hospitality Management
- Culinary Arts

■ Industry Certifications

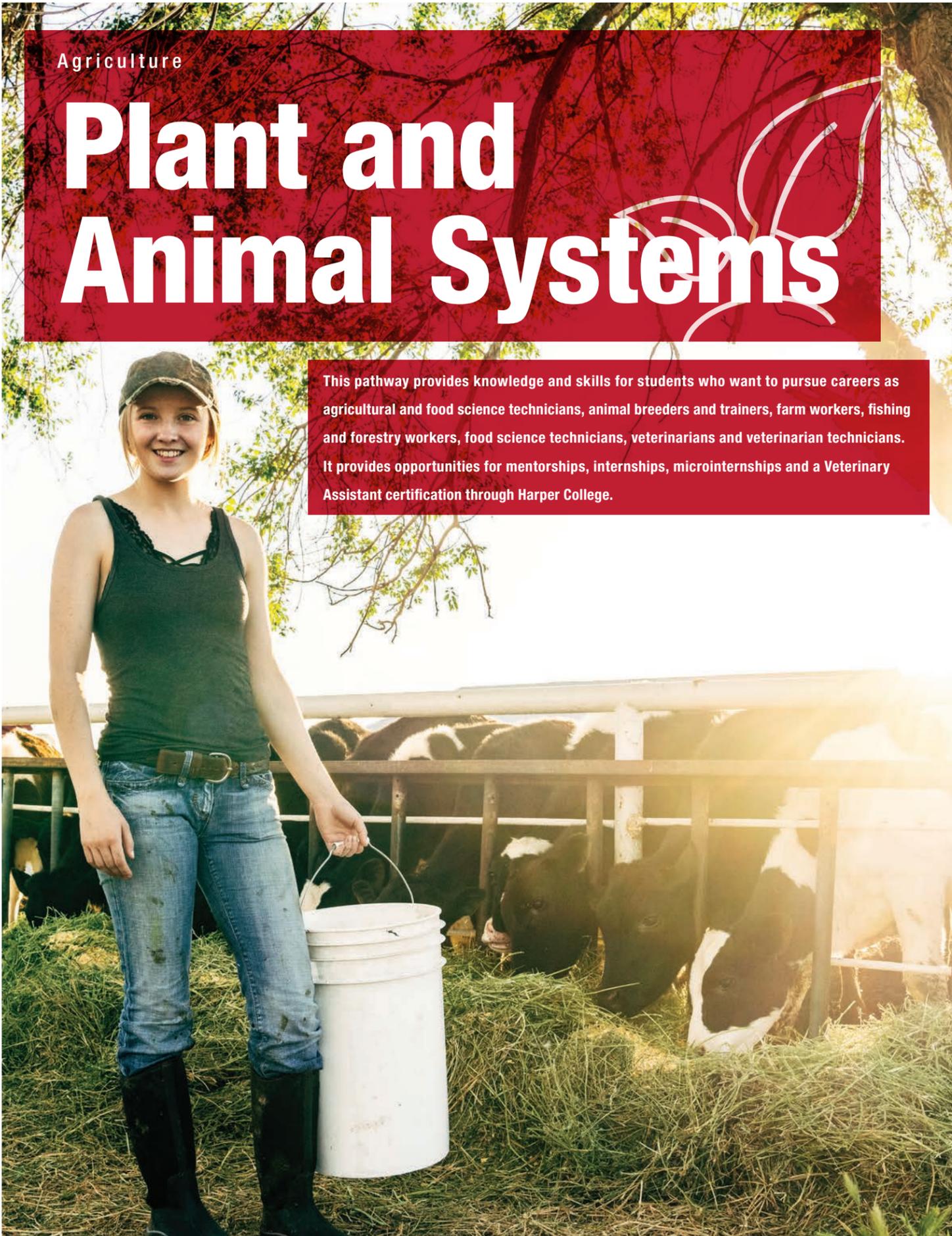
- National ProStart Certificate of Achievement
- Food Handler Certification

■ Work-Based Learning Experiences

- ProStart
- Agriculture/Foods/Natural Science Micro Internship
- Arts and Communication Internship
- Apprenticeship

■ Future Careers

- Agricultural and Food Science Technician
- Chemical Technician
- Farm and Ranch Manager
- Food Scientist
- Pest Control Worker
- Chef
- Dietitian



Agriculture

Plant and Animal Systems

This pathway provides knowledge and skills for students who want to pursue careers as agricultural and food science technicians, animal breeders and trainers, farm workers, fishing and forestry workers, food science technicians, veterinarians and veterinarian technicians. It provides opportunities for mentorships, internships, microinternships and a Veterinary Assistant certification through Harper College.

Plant and Animal Systems

9 ▶ 10 ▶ 11 ▶ 12 ▶

Plant and Animal Systems

Agricultural Biology (RMHS)	Food Science (RMHS) Introduction to Business	Veterinary Science (RMHS) Veterinary Science II (RMHS) Small Business Management	AP Environmental Science College Sustainable Urban Agriculture (RMHS) Veterinary Assisting (RMHS)
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High School District 214 Graduation Requirements

English	English English English English Course Descriptions Section - Page 235	4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261	3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279	2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271	2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293	1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249	0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298 , Economics (07830) - Page 283 , AP Economics (07931/07932) - Page 281 , Consumer Education (59940) - Page 329 .	0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.	✳

Post Secondary

Career Related Electives

- AP Biology
- AP Chemistry
- AP Economics
- AP Statistics
- Zoology

Career Related Activities for the Plant and Animal Systems pathway

- Athletics
- Bass Fishing Club
- District Career Days
- District Career Nights: District Career Treks
- Environmental Club
- Future Farmers of America
- Skills USA

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

*This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).



Plant and Animal Systems

■ Potential College Programs

- Animal Sciences
- Botany
- Dairy Science
- Equestrian Studies
- Environmental Science
- Pre-Veterinary Science

■ Work-Based Learning Experiences

- Agriculture/Foods/Natural Science Micro Internship
- Arts and Communication Internship

■ Future Careers

- Agricultural and Food Science Technician
- Animal Care Technician
- Animal Scientist
- Environmental Scientist
- Farming, Fishing, and Forestry Worker
- Food Science Technician
- Veterinary Assistant
- Veterinarian

Agriculture

Sustainability, Energy, Environment and Data Analytics



This pathway offers students the opportunity to acquire essential foundational skills and knowledge for careers that focus on minimizing the environmental impact of all industries. The pathway includes opportunities to learn about different college and career opportunities including roles such as environmental scientists, renewable energy analysts, corporate social responsibility managers, environmental engineers, urban planners and others related to this field through coursework, mentorships, and internships.

Sustainability, Energy, Environment and Data Analytics

9 ▶ 10 ▶ 11 ▶ 12 ▶

Sustainability, Energy, Environment and Data Analytics

Introduction to Sustainability, Energy, Environment and Data Analytics (BGHS)

Applications of Sustainability (BGHS)

Sustainable Aquatic Systems (BGHS)

Sustainability of Our Dynamic Planet (BGHS)

College Statistics

AP Statistics

Data Modeling

AP Environmental Science

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Calculus
- AP Chemistry
- AP Economics
- College Micro Economics & College Macro Economics
- Economics
- Sociology

Career Related Activities for the Sustainability pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Environmental Club

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



■ **Potential College Programs**

- Natural Resources & Environmental Sciences
- Environmental Sustainability
- Data Science
- Economics

■ **Work-Based Learning Experiences**

- Industry Mentorship
- Internship
- Micro Internship

■ **Future Careers**

- Environmental Engineer
- Sustainability Manager
- Energy Manager
- Data Analyst
- Energy Advisor
- Environmental Protection Specialist

(A&C)

Arts and Communication



Arts, Audio/Video Technology and Communications

Multimedia Communications	41
Visual Arts: Graphic Arts	45
Visual Arts: Studio Art	49
Visual Arts: Photography	53
Performance Arts: Acting and Theater	57
Performance Arts: Band	61
Performance Arts: Choir	65
Performance Arts: Dance	69
Performance Arts: Orchestra	73



Career Pathways

Arts, Audio/Video Technology and Communications

Arts and Communication (A&C)

Arts, Audio/Video Technology and Communications

Students interested in designing, producing, performing, writing, journalism, entertainment, multimedia creation and visual arts can pursue pathways in this career cluster. In addition to pathway courses, the cluster offers a wide variety of work-based learning experiences, certifications, college-level coursework and extracurricular opportunities.

Pathways

Multimedia Communications	41	Performance Arts: Band	61
Visual Arts: Graphic Arts	45	Performance Arts: Choir	65
Visual Arts: Studio Art	49	Performance Arts: Dance	69
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Student Spotlight

Sheldon Adams decided early on to pursue a career in architecture. But during his freshman year at Elk Grove High School, he realized it wasn't for him. His counselor suggested he focus on meeting some requirements for graduation, and that's when he discovered the Choir Pathway—and his passion.

Over the rest of his high school career, Sheldon immersed himself in choir courses, learning various aspects of singing, music theory and choral leadership by starting with the fundamentals and then

digging deeper. He was also involved in choir, various ensemble groups and the annual school musical for three years.

Today, Sheldon is studying Music Open Studies at the University of Illinois at Urbana-Champaign and plans to be a vocal teacher and performer.

He recommends students take advantage of the Career Pathways program.

“Take the courses you're interested in. Go past the base level [and] get into the nitty-gritty because **it's going to pay off when you're in college**. The main thing is truly investing in yourself and making each moment count.” - Sheldon Adams



Arts, Audio/Video Technology and Communications

Multimedia Communications

This newly designed pathway is for students who want to pursue careers as broadcast news analysts, film and video editors, public relations specialists, radio and TV announcers, reporters and correspondents, writers and camera operators. In addition to pathway courses and dual credit classes, students can gain practical experience through student newspapers, yearbook and broadcasts, as well as internships.

Multimedia Communications

9 ▶ 10 ▶ 11 ▶ 12 ▶

Multimedia Communications

	9	10	11	12	
	Introduction to Multimedia Communications Advanced Multimedia Communications	Multimedia Production Advanced Multimedia Production	Multimedia Storytelling Advanced Multimedia Storytelling	Multimedia Practicum Advanced Multimedia Practicum College Intro to Mass Communication Multimedia Academy (application required)	
High School District 214 Graduation Requirements					
English	English English English English Course Descriptions Section - Page 235				4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261				3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279				2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271				2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293				1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249				0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.				0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.				⊛

Post Secondary

Career Related Electives

- AP Literature
- Creative Writing
- Acting
- Photography
- Media Analysis
- Yearbook
- AP Psychology
- AP Economics
- AP Statistics

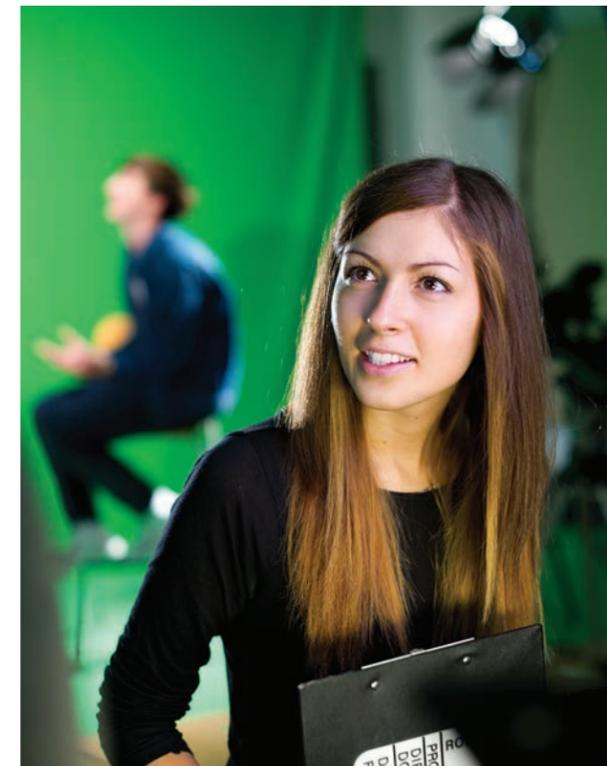
Career Related Activities for the Multimedia Communications pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Poetry
- Writer Groups
- School Newspaper
- Speech Team
- Yearbook

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

*This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).

Multimedia Communications

■ Potential College Programs

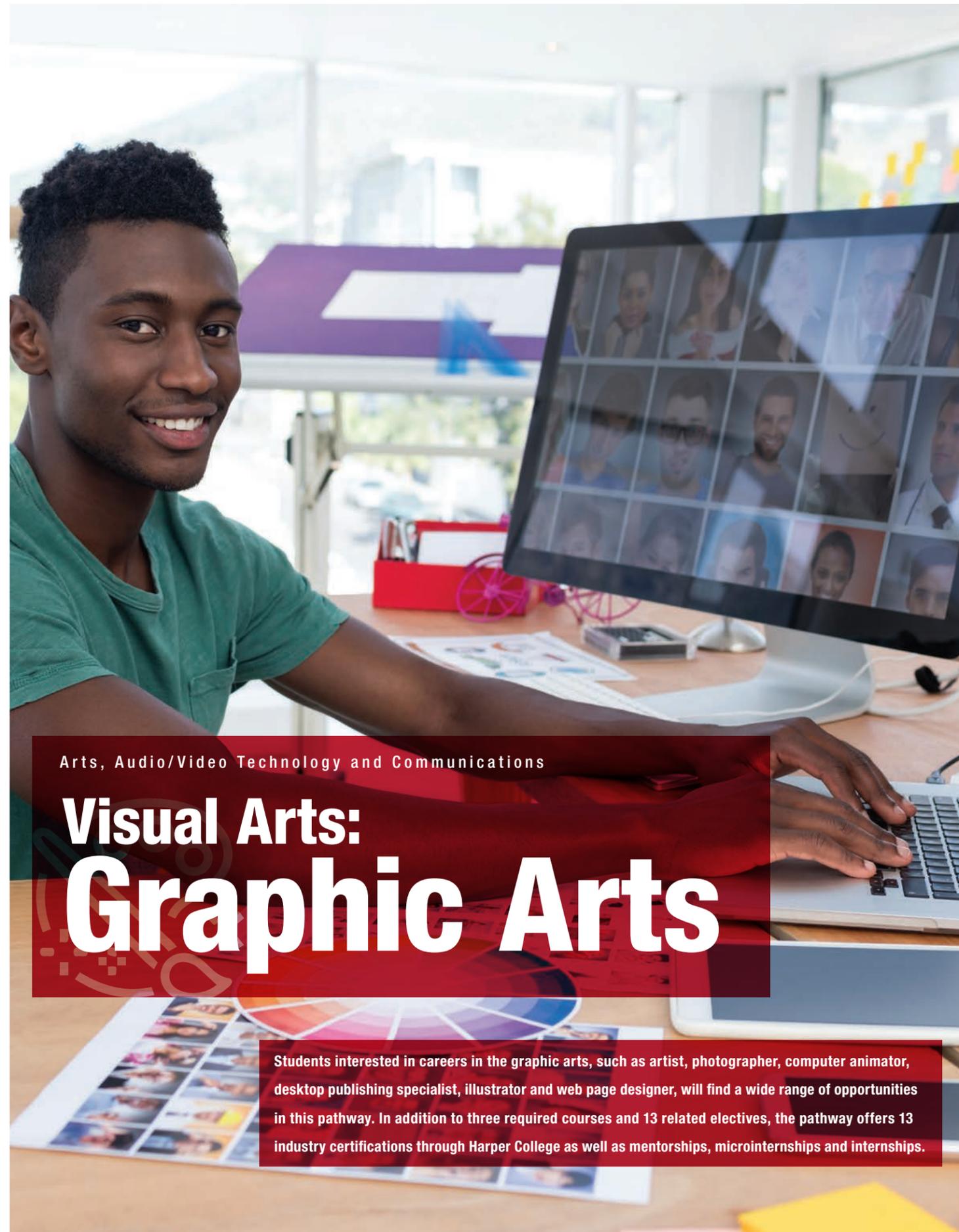
- Broadcast Journalism
- Communication Studies
- Speech Communication and Rhetoric
- Digital Communication and Media
- Photojournalism
- Radio and Television Broadcasting Technician
- Recording Arts Technician

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship
- Youth Apprenticeship
- Multimedia Practicum

■ Future Careers

- Camera Operator
- Film and Video Editor
- News Analyst
- Producer and Director
- Public Relations Specialist
- Radio and Television Announcer
- Reporter
- Sound Engineer
- Writer



Arts, Audio/Video Technology and Communications

Visual Arts: Graphic Arts

Students interested in careers in the graphic arts, such as artist, photographer, computer animator, desktop publishing specialist, illustrator and web page designer, will find a wide range of opportunities in this pathway. In addition to three required courses and 13 related electives, the pathway offers 13 industry certifications through Harper College as well as mentorships, microinternships and internships.

Visual Arts: Graphic Arts

9 ▶ **10** ▶ **11** ▶ **12** ▶

Graphic Arts

Graphic Art Design

Introduction to Art Animation (WHS)
Advanced Art Animation (WHS)

College Advanced Graphic Arts

AP Studio Art

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Art 1
- College Entrepreneurship
- Computer Programming, Mobile App and Networking
- Journalism 1-8
- Photography
- Small Business Management
- Yearbook

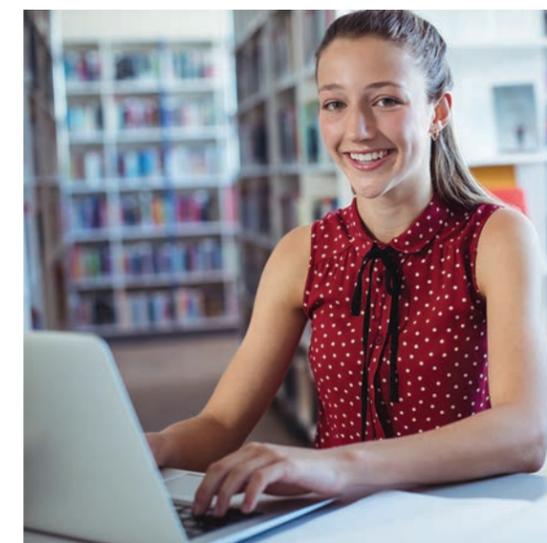
Career Related Activities for the Graphic Arts pathway

- Art Club
- Art Gallery
- Graphic Arts Club
- Harper Graphic Communication Show
- District Graphic Arts Competition
- District Art Show
- Harper Art Show
- Visual Arts Day
- District Career Days
- District Career Nights
- District Career Treks

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Visual Arts: Graphic Arts

■ Potential College Programs

- Advertising
- Art
- Illustration
- Graphic Design
- Web Design

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship
- Youth Apprenticeship

■ Future Careers

- Art Director
- Artist
- Photographer
- Computer Animator
- Graphic Designer
- Illustrator
- Printing Equipment Operator
- Web Page Designer



Arts, Audio/Video Technology and Communications

Visual Arts: Studio Art

This pathway is set up for students who want to become art directors, art teachers, art therapists, commercial artists and illustrators, interior designers, photographers and designers, from fashion to jewelry and textiles. Students can explore their options through eight pathway classes, up to 13 related electives, extracurricular activities and work-based learning experiences.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Studio Art

Art 1 Introduction to 3-D Art	2-D Art Courses 3-D Art Courses	Advanced 2-D Art Advanced 3-D Art	AP Studio Art
----------------------------------	------------------------------------	--------------------------------------	---------------

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#) **4.0** credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#) **3.0** credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#) **2.0** credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#) **2.0** credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#) **1.0** credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#) **0.5** credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#). **0.25** credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education. **(*)**

Post Secondary

Career Related Electives

- Advanced Art Animation
- College Advanced Graphic Arts
- College Entrepreneurship
- College Fashion Construction
- Fashion Design
- Graphic Arts Design
- Graphic Arts Technology
- Introduction to Art Animation
- Photography
- Small Business Management

Career Related Activities for the Studio Art pathway

- Art Club
- Art Gallery
- Art Unlimited
- Athletics
- District Art Show
- District Career Days
- District Career Nights
- District Career Treks
- Harper Art Show
- Theater Set Design
- Visual Arts Day

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Visual Arts: Studio Art

■ Potential College Programs

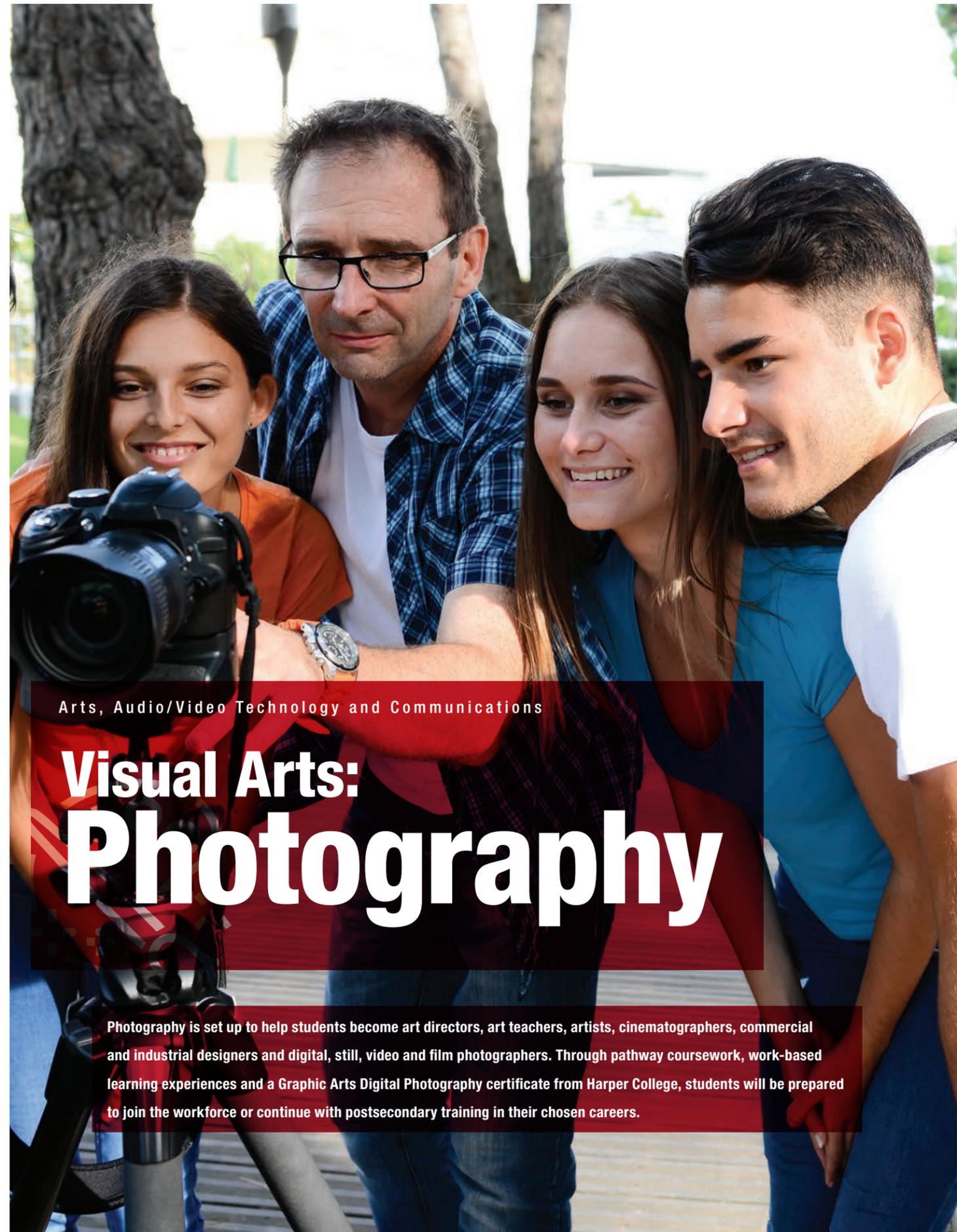
- Advertising
- Arts Administration
- Art History
- Fine Arts
- Illustration
- Interior Design
- Visual Arts

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Art Director
- Artist
- Art Therapist
- Photographer
- Curator and Gallery Manager
- Interior Designer
- Jewelry Designer
- Textile Designer



Arts, Audio/Video Technology and Communications

Visual Arts: Photography

Photography is set up to help students become art directors, art teachers, artists, cinematographers, commercial and industrial designers and digital, still, video and film photographers. Through pathway coursework, work-based learning experiences and a Graphic Arts Digital Photography certificate from Harper College, students will be prepared to join the workforce or continue with postsecondary training in their chosen careers.

Visual Arts: Photography

9 ▶ 10 ▶ 11 ▶ 12 ▶

Photography

Photography 1 | Photography 2 | Photography 3 | Advanced Photography Studio | AP Studio Art

High School District 214 Graduation Requirements

English

English | English | English | English **4.0** credit units
 Course Descriptions Section - [Page 235](#)

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended) **3.0** credit units
 Including one unit of Algebra I and one unit of Geometry.
 Course Descriptions Section - [Page 261](#)

Social Science

Social Science | Social Science | Social Science (Recommended) **2.0** credit units
 Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
 Course Descriptions Section - [Page 279](#)

Science

Science | Science | Science (Recommended) **2.0** credit units
 Course Descriptions Section - [Page 271](#)

Career & Technical Education

Career and Technical Education **1.0** credit unit
 Course Descriptions Section - [Page 293](#)

Fine Arts

Fine Arts **0.5** credit unit
 Course Descriptions Section - [Page 249](#)

Consumer Education

Consumer Education **0.25** credit unit
 Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
 Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

Physical Education

Physical Education | Health | Physical Education | Physical Education *****
 A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
 Course Descriptions Section - [Page 321](#)
 Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.

Post Secondary

Career Related Electives

- Advanced 2-D Art Studio
- College Advanced Graphic Arts
- College Entrepreneurship
- Graphic Arts Design
- Graphic Arts Technology
- Journalism 1-8
- Small Business Management
- Yearbook

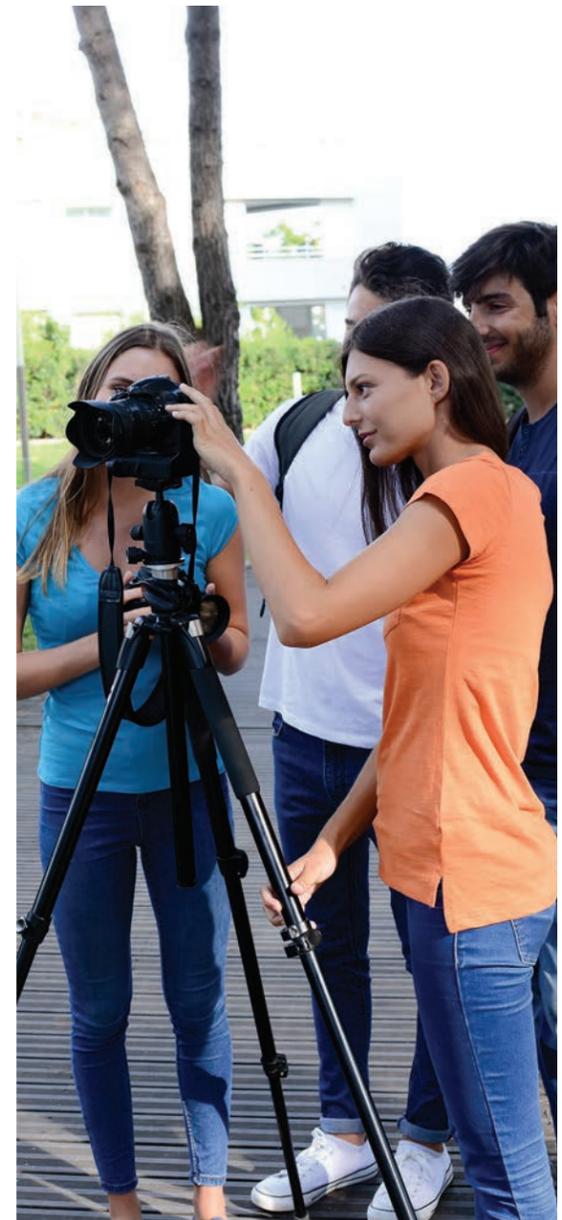
Career Related Activities for the Photography pathway

- Art Club
- Art Gallery
- Arts Unlimited
- Athletics
- District Art Show
- Harper Art Show
- Visual Arts Days
- Harper Art Show
- Visual Arts Day
- Theater Set Design
- District Career Days
- District Career Nights
- District Career Treks

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Visual Arts: Photography

■ Potential College Programs

- Art
- Art Education
- Film and Photo
- Fine Arts
- Photography

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Art Director
- Art Teacher
- Artist
- Cinematographer
- Photographer



Arts, Audio/Video Technology and Communications

Performance Arts: Acting and Theater

This pathway offers education and skills training for students interested in theater careers, including artistic director, costume designer, lighting designer, set designer, sound engineer, stage performer and theater teacher. Opportunities include mentorships, internships and microinternships and a wide range of career-related extracurricular activities, such as musicals and the Illinois State Theater Festival.

Performance Arts: Acting and Theater

9 ▶ 10 ▶ 11 ▶ 12 ▶

Acting	Acting 1/2	Acting 3/4	Advanced Theater Workshop	Advanced Theater Workshop
Technical Theatre	Technical Theater 1 Fabrication Technology 1	Technical Theater 2 Fabrication Technology 2	Advanced Theater Workshop	Advanced Theater Workshop
High School District 214 Graduation Requirements				
English	English English English English Course Descriptions Section - Page 235			4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261			3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279			2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271			2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293			1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249			0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.			0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.			★

Post Secondary

Career Related Electives

- College Entrepreneurship
- College Fashion Construction
- College Summer Theatre: Performance
- College Summer Theatre: Tech
- Dance
- Fashion Design
- Fine Arts Workshop
- Vocal Music

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Career Related Activities for the Acting and Theater pathway

- Assistant Director
- Athletics
- Costume Crew
- Creative Writing
- District Improv Teams
- District
- School One-Acts (Director, Performer, or Designer)
- District Summer Musical (Tech and Performance)
- Drama Day
- Illinois High School theater Festival
- Musical Productions
- Play Productions
- District Career Days
- District Career Nights
- District Career Treks
- Poetry
- Writer Groups
- Speech Team
- Stage Managing Productions
- Tech Building Crew
- Tech Running Crew
- Tech Workshops
- School Newspaper
- Speech Team
- Yearbook
- Variety Show (Performer, Tech, or Student Director)
- Visual Arts Day



Performance Arts: Acting and Theater

■ Potential College Programs

- Acting
- Drama
- Costume Design
- Scenic Design
- Stage Management
- Speech Communication
- Theater Studies
- Technical Theater

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Artistic Director
- Arts Administrator
- Costume Designer
- Director
- Lightning Designer
- Set Designer
- Stage Manager



Arts, Audio/Video Technology and Communications

Performance Arts: Band

The band pathway is set up to help students become composers, conductors, musicians, performers, sound designers, music instructors and performing arts educators. Pathway coursework is supported with elective classes, master classes, work-based learning experiences and a wide range of career-related activities such as District 214 honors band, jazz combo, marching and pep bands and summer music camps.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Band

Concert/Symphonic Band/
Jazz Band

Concert/Symphonic Band/
Jazz Band

Concert/Symphonic Band/
Jazz Band

Concert/Symphonic Band/
Jazz Band

AP Music Theory

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Entrepreneurship
- Fine Arts Workshop
- Guitar
- Music Workshop
- Orchestra/Concert Orchestra or Beginning Strings

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

Career Related Activities for the Band pathway

- Athletics
- Color Guard
- Community Honor Ensembles (SYSO, CYSO, MYA, etc.)
- Conducting, Directing and Composing
- Contests and Festivals
- District Career Days
- District Career Nights
- District Career Treks
- District Honors Orchestra
- District 214 Honors Band
- Illinois Music Educators Association
- District/State/Festival Soloist
- Future Music Educators
- Jazz Combo
- Marching Band
- Pep Band
- Pit Orchestra
- Private Lessons
- Show Choir Combo
- Small Ensembles
- Summer Music Camps
- Tri-M, Solo and Ensemble
- Variety Show



Performance Arts: Band

■ Potential College Programs

- Conducting
- Music Composition
- Music Technology
- Music Therapy
- Jazz, Vocal, or Piano Performance
- Music Education
- Musical Theatre

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Composer
- Conductor
- Musician
- Music Instructor
- Performing Arts Educator
- Sound Designer



Arts, Audio/Video Technology and Communications

Performance Arts: Choir

Students interested in becoming composers, conductors, musicians, performers, sound designers and music and performing arts educators can gain extensive theory and practical experience through this pathway. It offers core courses and related electives, career-related activities, work-based learning experiences and master classes.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Choir

Beginning Mixed Choir/
Treble Choir/Advanced
Mixed Choir

AP Music Theory

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Acting
- College Entrepreneurship
- Fine Arts Workshop
- Guitar
- Jazz Band
- Music Workshop
- Vocal Ensemble

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

Career Related Activities for the Choir pathway

- Athletics
- Conducting, Directing and Composing
- Contests and Festivals
- District Career Days
- District Career Nights
- District Career Treks
- District Honors Orchestra
- District 214 Honors Choir
- Extracurricular Choirs
- Illinois Music Educators Association
- District
- State
- Festival Soloist
- Future Music Educators
- Jazz Band Vocalist
- Private Lessons
- Small Ensembles
- Summer Music Camps
- Tri-M, Solo and Ensemble
- Variety Show



Performance Arts: Choir

■ Potential College Programs

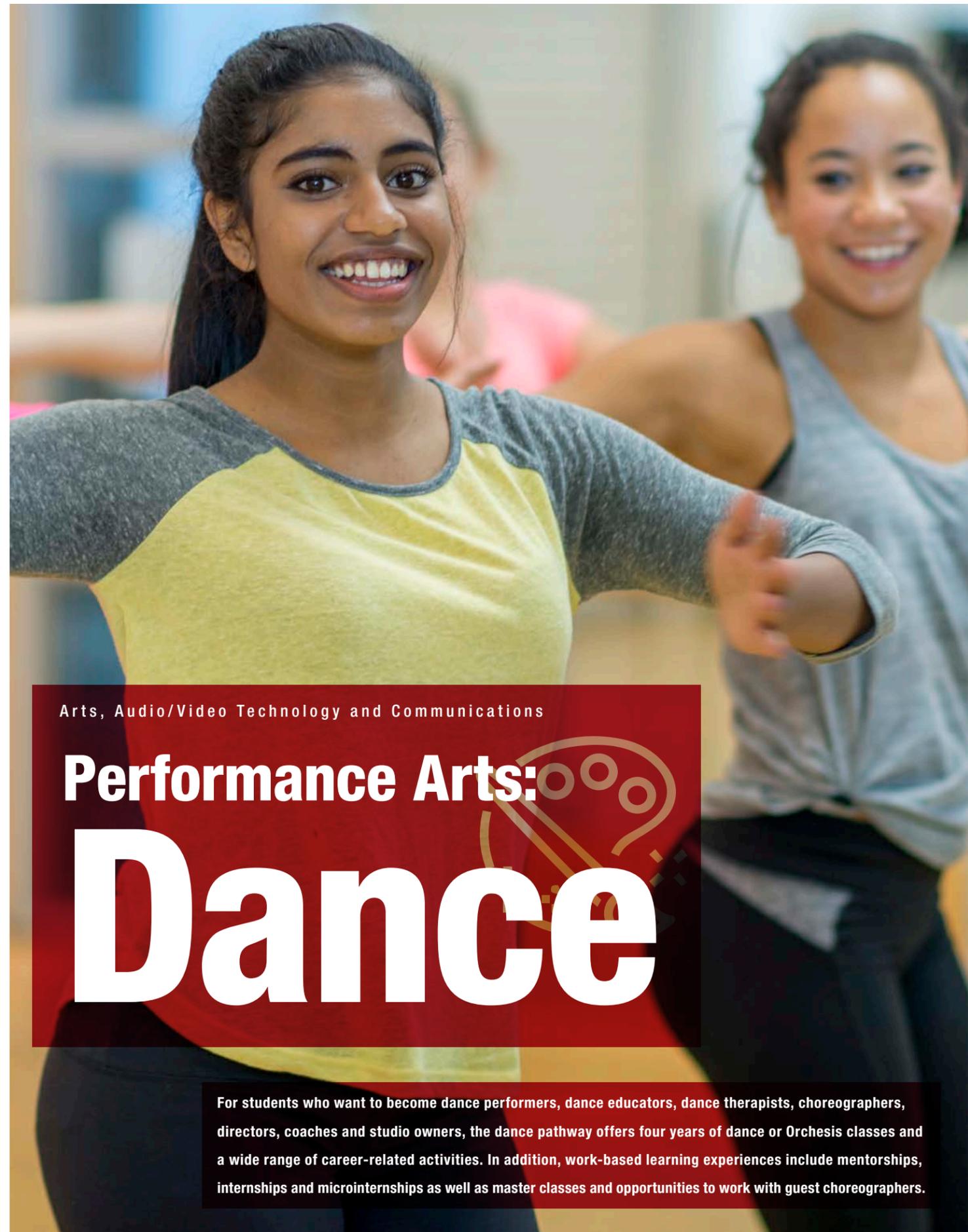
- Music
- Music Composition
- Music Education
- Music Theory
- Musical Theatre

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Composer
- Conductor
- Musician
- Music Instructor
- Music Management
- Performing Arts Educator
- Sound Designer



Arts, Audio/Video Technology and Communications

Performance Arts: Dance

For students who want to become dance performers, dance educators, dance therapists, choreographers, directors, coaches and studio owners, the dance pathway offers four years of dance or Orchestris classes and a wide range of career-related activities. In addition, work-based learning experiences include mentorships, internships and microinternships as well as master classes and opportunities to work with guest choreographers.

Performance Arts: Dance

9 ▶ **10** ▶ **11** ▶ **12** ▶

Dance

Orchasis/Dance 1 Orchasis/Dance 2 Orchasis/Dance 3 Orchasis

High School District 214 Graduation Requirements

English

English | English | English | English **4.0** credit units
 Course Descriptions Section - [Page 235](#)

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended) **3.0** credit units
 Including one unit of Algebra I and one unit of Geometry.
 Course Descriptions Section - [Page 261](#)

Social Science

Social Science | Social Science | Social Science (Recommended) **2.0** credit units
 Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
 Course Descriptions Section - [Page 279](#)

Science

Science | Science | Science (Recommended) **2.0** credit units
 Course Descriptions Section - [Page 271](#)

Career & Technical Education

Career and Technical Education **1.0** credit unit
 Course Descriptions Section - [Page 293](#)

Fine Arts

Fine Arts **0.5** credit unit
 Course Descriptions Section - [Page 249](#)

Consumer Education

Consumer Education **0.25** credit unit
 Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
 Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

Physical Education

Physical Education | Health | Physical Education | Physical Education *****
 A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
 Course Descriptions Section - [Page 321](#)
 Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.

Post Secondary

Career Related Electives

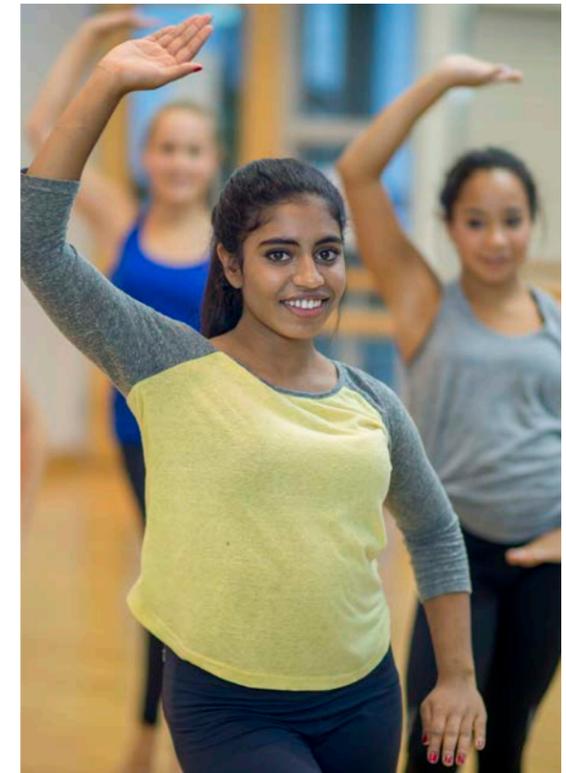
- Acting
- College Entrepreneurship
- Fine Arts Workshop
- Yoga

Career Related Activities for the Dance pathway

- Athletics
- Children's Workshop
- District Career Days
- District Career Nights
- District Career Treks
- District Honors Dance Concert
- District District
- School Musicals
- Illinois State Theater Festival
- National Honor Society of Dance Arts
- National/State HS Dance Festival
- Orchasis
- Production of Informal and full Length Concert
- Show Choir
- Student Choreography
- Variety Show

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.**



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Performance Arts: Dance

■ Potential College Programs

- Dance
- Dance Education

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Arts Administrator
- Cheoreographer
- Company Director
- Dance Educator
- Dancer
- Dance Therapist
- Director and Coach
- Production Manager
- Dance Studio Owner

Performance Arts: Orchestra



This pathway is designed for students interested in pursuing careers in composing, conducting, performing managing and teaching. It offers seven main pathway courses and related elective classes as well as mentorships, internships, microinternships, master classes and related extracurricular opportunities such as District 214 honors orchestra, small ensembles, pit orchestra and summer music camps.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Orchestra

Orchestra/Concert Orchestra or Beginning Strings

Orchestra/Concert Orchestra or Beginning Strings

Orchestra/Concert Orchestra or Beginning Strings

Orchestra/Concert Orchestra or Beginning Strings
AP Music Theory

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Entrepreneurship
- Concert Band/Symphonic Band/Jazz Band
- Fine Arts Workshop
- Guitar
- Music Workshop
- Orchestral Winds and Percussion

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Career Related Activities for the Orchestra pathway

- Athletics
- Community Honors Ensembles (SYSO, CYSO, MYA etc.)
- Conducting, Directing and Composing
- Contests and Festivals
- District 214 Honors Band
- Career Days
- District Career Nights
- District Career Treks
- District Honors Orchestra
- Illinois Music Educators Association
- District/State/Festival Soloist
- Future Music Educators
- Jazz Combo
- Marching Band
- Pep Band
- Pit Orchestra
- Private Lessons
- Small Choir Combo
- Small Ensembles
- Summer Music Camps
- Tri-M, Solo and Ensemble
- Variety Show



Performance Arts: Orchestra

■ Potential College Programs

- Music
- Music Composition
- Music Education
- Music Theory
- Musical Theatre

■ Work-Based Learning Experiences

- Arts and Communication Micro Internship
- Arts and Communication Internship

■ Future Careers

- Composer
- Conductor
- Musician
- Music Instructor
- Music Management
- Performing Arts Educator
- Sound Designer

(FBS)

Finance and Business Services



Business Management and Administration

Business Management and Administration	81
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Finance

Finance	87
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Hospitality and Tourism

Culinary Arts	93
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Marketing

Marketing	99
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Career Pathways

Business Management and Administration



Finance and Business Services (FBS)

Business Management and Administration

This career cluster is designed for students who want to build and manage businesses. In addition to pathway courses and related electives, it offers college entrepreneurship, mentorships, internships and microinternships as well as 21 industry certification opportunities and related extracurricular activities. Students can also earn a free year of college credits through District 214's 3+1 program with National Louis University.

Pathway

Business Management and Administration

81

Student Spotlight

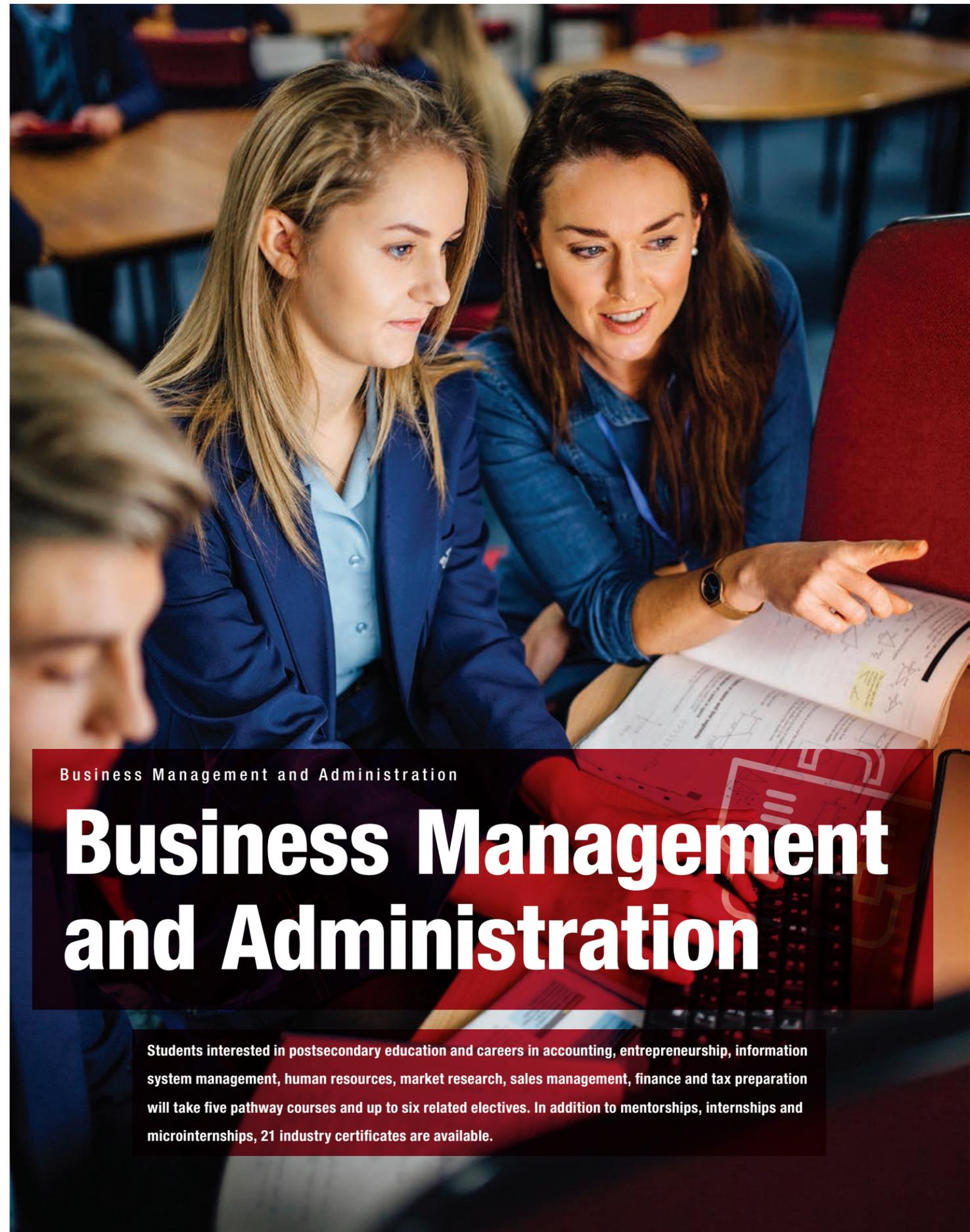
Martin Dimitrov was interested in business when he signed up for the Business Management and Administration Pathway at Wheeling High School—and he learned far more than he anticipated.

The pathway offers students a range of college-level business courses, including College Entrepreneurship, a course teaching all aspects of building a business, from identifying and solving a problem to creating a business model and testing a product in the real world. Coaches and mentors from the community offer advice and help along the way. The program culminates in the annual

Startup Showcase, with winners receiving financial awards toward their postsecondary success.

Martin not only won the Showcase, he also earned a spot—and a business deal—on the popular ABC TV show “Shark Tank” with his idea for SnapClips, Velcro bracelets that hold weights in place on a barbell.

He is now running SnapClips as founder and CEO while working toward his degree at the University of Illinois at Chicago.



Business Management and Administration

Business Management and Administration

Students interested in postsecondary education and careers in accounting, entrepreneurship, information system management, human resources, market research, sales management, finance and tax preparation will take five pathway courses and up to six related electives. In addition to mentorships, internships and microinternships, 21 industry certificates are available.

Business Management and Administration

9 ▶ 10 ▶ 11 ▶ 12 ▶

Business Management and Administration

<p>Introduction to Business</p> <p>Marketing</p>	<p>Finance and Investing</p> <p>Small Business Management</p>	<p>College Business</p> <p>College Entrepreneurship</p>	<p>College Accounting</p> <p>Middle College at NLU (application required)</p> <p>AP Statistics</p>
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High School District 214 Graduation Requirements

English	English English English English Course Descriptions Section - Page 235	4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261	3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279	2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271	2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293	1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249	0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.	0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.	⊛

Post Secondary

Career Related Electives

- Computer Programming and Mobile App Development
- AP Computer Science Principles
- AP Computer Science-A
- Personal Finance
- World Language
- College Microeconomics
- College Macroeconomics
- AP Economics
- College Statistics

Career Related Activities for the Business Management and Administration pathway

- Athletics
- Community Service Club
- Debate
- Distributive Education Clubs of America (DECA)
- District Career Nights
- District Career Days
- District Career Treks
- Leadership Council
- Startup Showcase
- Student Council

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Middle College Business Administration at National Louis University



The Entrepreneurship Program engages students in the everyday business of creating ideas and building companies. Available in District 214's six comprehensive high schools, it uses the expertise of local business partners with professional roots in a variety of areas, from marketing and branding to finance and business development.

These partners join District 214 teachers to deliver a relevant entrepreneurship education. Students also work in teams, as they would in a real business setting, to solve problems and develop solutions.

Startup Showcase is the culmination of the program's year of critical thinking, collaboration and inspiration. In the competition, the top group from each school pitches their idea to a team of judges for a shot at a financial award funded by the District 214 Education Foundation. Startup Showcase already has helped launch a number of student businesses, including SnapClips, which later secured funding from three of the business professionals on the TV show "Shark Tank."

In addition, several schools have coffee carts that enable students to run businesses during the day. Students in the District's life program at the Forest View Educational Center launched Forest Brew. It helps students in the transition program reach their highest level of independence through instruction in daily living, communication, community, vocation, self-determination and functional academics.

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Business Management and Administration

■ Potential College Programs

- Accounting
- Business Administration and Management
- Economics
- Human Resource Management
- Entrepreneurship
- Financial Management
- Marketing
- Supply Chain Management

■ Work-Based Learning Experiences

- Finance and Business Services Micro Internship
- Finance and Business Services Internship

■ Future Careers

- Accountant or Auditor
- Financial Analyst
- Human Resource Manager
- Business Owner
- Supply Chain Manager
- Project Manager
- Sales Manager



Career Pathways

Finance

Finance and Business Services (FBS)

Finance

In the Finance pathway, students start to develop the critical thinking and real-world application of skills that will help them succeed in careers in the financial industry and business world. Students will have the opportunity to earn college credit as well as industry certifications prior to their postsecondary education.

Pathway

Finance

87

Student Spotlight

University of Illinois student Deirdra Day is studying to be a financial consultant—a course motivated by her Career Pathway studies at Buffalo Grove High School.

Deirdra was interested in business but didn't know what aspect she wanted to pursue. Taking College Business sparked her interest in finance. And a pathway field trip to a Chicago financial services

firm helped her to focus on advisory services.

Her high school work is paying off in college. Taking AP courses and dual-credit classes helped her pass out of some college courses such as accounting and provided the necessary background for other classes.

“ While a class such as accounting is a hard subject, it is much easier to take this class while in high school since your course load is much lighter. In addition, my performance in the dual-credit classes allowed me to transfer into college with a 4.0 GPA, which raises my cumulative GPA.” - Deirdra Day



Finance

Finance

This pathway provides courses and training for students who want to pursue careers in the financial industry, including actuary, budget or credit analyst, insurance appraiser or underwriter, loan officer, sales agent, treasurer and controller, teller and sales agent. Students have the opportunity to earn college credit as well as industry certifications.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Finance

Introduction to Business

Finance and Investing
Marketing

College Entrepreneurship

College Accounting
College Macroeconomics
College Microeconomics
AP Economics

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
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Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Computer Programming and Mobile App Development
- AP Computer Science Principles
- AP Computer Science-A
- AP Statistics
- Personal Finance
- Small Business Management

Career Related Activities for the Finance pathway

- Athletics
- Club Treasurer
- Distributive Education Clubs of America (DECA)
- District Career Days
- District Career Nights
- District Career Treks
- Math Team
- Startup Showcase
- Students Council

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

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Business Management



DECA is an international association of high school and college students studying marketing, management and entrepreneurship. The group prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality and management. DECA promotes four areas of lifelong learning for its members and advisers: Vocational Understanding, Civic Consciousness, Leadership Development and Social Intelligence.

DECA, with 55 chapters and over 3,000 members in Illinois, provides an opportunity for students and advisors to get involved in the business world through community service projects, leadership conferences, marketing field trips and local, state and national competitions. It offers the out-of-classroom, real-world business experience that textbooks alone can't provide. Students work, network and compete with other business students throughout the area, state and nation.

Finance

■ Potential College Programs

- Finance
- Economics
- Accounting
- Financial Management
- Actuarial Science

■ Work-Based Learning Experiences

- Finance and Business Services Micro Internship
- Finance and Business Services Internship

■ Future Careers

- Financial Advisor
- Financial Manager
- Credit Analyst
- Investment Banking Analyst



Career Pathway

Hospitality and Tourism

Finance and Business Services (FBS)

Hospitality and Tourism

For students who want to work in restaurants and food services, hotels, and other hospitality-related areas, this career cluster offers a strong educational and practical foundation. In addition to pathway courses and internships, it also features student-run professional kitchens that cater school events.

Pathway

Culinary Arts

93

Student Spotlight

Jacob Katz-Berger discovered his passion for cooking in a sixth-grade Home Economics class. Starting with his freshman year at Buffalo Grove High School, he enrolled in the Culinary Arts Pathway. By his sophomore year, he qualified for the college-level ProStart, a two-year high-school program created by the National Restaurant Association. During his senior year, he was a ProStart teaching intern.

Following high school, Jacob was accepted at the Culinary Institute of America, an intense program that included experiences such as meeting famous chefs, traveling to Spain and studying Farm to Table cuisine at the Institute's Napa campus. Today, with his bachelor's degree in Culinary Arts Management, Jacob is running private parties and pop-up restaurants and plans to eventually open his own restaurant.

“ I loved every moment of these [high school] classes over the four years. My high school classes reinforced my desire to further my knowledge in the field of culinary arts.”

- Jacob Katz-Berger



Hospitality and Tourism

Culinary Arts

This pathway is focused on training students for careers as bakers, chefs, food service managers and hotel managers, among other culinary roles. The pathway features ProStart, a two-year, national college-level program designed by the National Restaurant Association that offers up to 12 hours of college credit and an opportunity to earn the ProStart Certificate of Achievement. In addition, students can work with local restaurants and participate in ProStart competitions.

9 10 11 12

Culinary Arts

Intro to Culinary Arts/ Advanced Culinary Arts

College Culinary Arts - Prostart 1

College Culinary Arts - Prostart 2

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Entrepreneurship
- Food Science
- Small Business Management

Career Related Activities for the Culinary Arts pathway

- Athletics
- Distributive Education Clubs of America (DECA)
- District Career Days
- District Career Nights
- District Career Treks
- Family, Career and Community Leaders of America (FCCLA)
- Speech Team
- World Language Club

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

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ProStart



ProStart is a two-year, national college-level program designed by the National Restaurant Association to educate high school students in the culinary field while providing them with an opportunity to earn up to 12 hours of early college credit.

The program, offered at Buffalo Grove, Elk Grove and Rolling Meadows high schools, prepares participating students from all District schools to work in the food industry.

Students learn to plan menus, order food, prep and cook meals, manage restaurants and handle events—often taking on real-world assignments. For example, students involved with The Bison Grill, a student-run restaurant in Buffalo Grove High School, handle an average of 20 catering jobs a year for community outreach events, school meetings and professional luncheons for state and local officials.

Students in the program also visit restaurants and catering services and participate in internships. Upon completion of various courses within the program, students are tested for certifications, which help them when applying for postsecondary opportunities and culinary jobs.

Culinary Arts

■ Potential College Programs

- Hospitality Management
- Food Science and Human Nutrition
- Culinary Arts

■ Industry Certifications

- National ProStart Certificate of Achievement
- Food Handler Certification

■ Work-Based Learning Experiences

- Finance and Business Services Micro Internship
- Finance and Business Services Internship

■ Future Careers

- Chef
- Event Coordinator
- Food Service Manager
- Food Scientist
- Quality Assurance Manager



Career Pathway

Marketing

Finance and Business Services (FBS)

Marketing

Marketing is designed for students who want to plan, manage and perform marketing activities to help companies and other entities reach their organizational objectives. Through pathway courses, related electives, certificate opportunities and workplace and extracurricular activities, students will be prepared for postsecondary education and career opportunities following high school graduation.

Pathway	Marketing	99
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Student Spotlight

Jessy Syed decided to pursue a career in marketing after taking marketing and business courses as part of the Marketing Pathway at Buffalo Grove High School. Through the pathway, she learned what kinds of skills she'll need to thrive in the field—and what she needs to focus on.

In addition to the pathway's business, entrepreneurship and accounting courses, Jessy also gained hands-on experience through several marketing internships, including one with the Rolling Meadows Chamber of Commerce.

These experiences helped her to develop an array of soft skills that marketing professionals use every day.

"When you're in an office environment, you're actually seeing how people with years of experience under their belt are interacting with clients, and when they are smiling and have eye contact and positive body language," says Jessy, who is studying marketing and behavioral economics at the University of Pennsylvania.

“You're learning a lot about what it takes to be a people person in those situations.” - Jessy Syed



Marketing

Through pathway and elective classes, students interested in advertising, merchandising, international marketing, public relations, retail operations and sales and distribution will learn key skills as well as earn college credits. In addition, practical work-based experiences are offered, such as industry mentorships, internships and microinternships.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Marketing

Introduction to Business
Graphic Arts Design

Marketing
College Advanced Graphic Arts

College Entrepreneurship

College Accounting
College Business
AP Art Studio

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Statistics
- Computer Programming, Mobile App and Networking
- Small Business Management

Career Related Activities for the Marketing pathway

- Athletics
- Distributive Education Clubs of America (DECA)
- District Career Days
- District Career Nights
- District Career Treks
- Newspaper
- School Store
- Yearbook

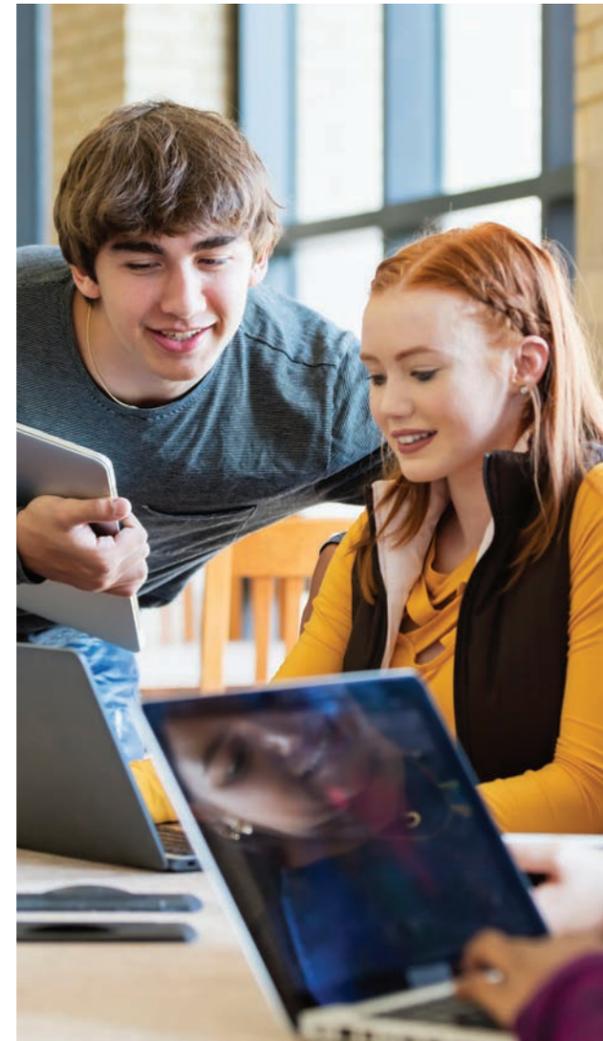
Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Marketing

■ Potential College Programs

- Advertising
- Fashion Merchandising
- Marketing
- Public Relations

■ Work-Based Learning Experiences

- Finance and Business Services Micro Internship
- Finance and Business Services Internship

■ Future Careers

- Account Executive
- Advertising and Brand Specialist
- Creative Director
- Demonstrator and Product Promoter
- Event Planner
- Market Research Analyst and Marketing Specialist
- Media Director
- Real Estate Agent
- Survey Researcher
- Wholesale and Retail Buyer

(HST)
**Health Sciences
and Technology**



Health Science

Allied Health	107
Nursing	111
Pre-Medicine	115



Career Pathways

Health Science

Health Sciences and Technology (HST)

Health Science

This career cluster prepares students for a wide range of opportunities in the health services sector. Possible careers range from certified nursing assistants and paramedics to nurses, physicians and dentists. In addition to key pathway courses and electives, students are offered opportunities for hands-on work-based training, including internships and the district's new apprenticeship program.

Pathway

Allied Health	107
Nursing	111
Pre-Medicine	115



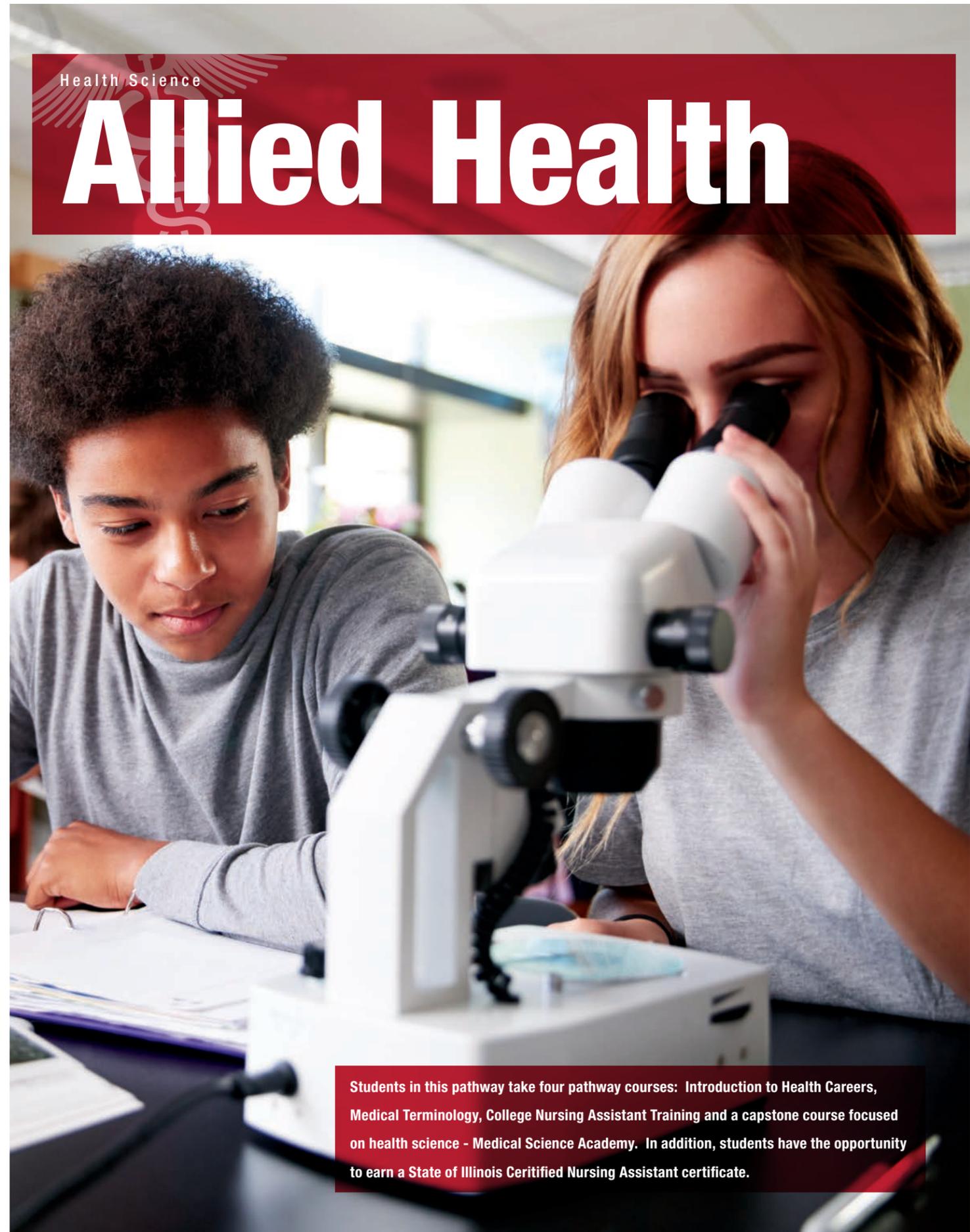
Lizeth Leon, Senior,
Wheeling High School

Student Spotlight

Lizeth Leon has wanted to be a nurse since eighth grade. So she was ready to start the Health Science Pathway as she entered her freshman year at Wheeling High School. Since then, she has expanded her knowledge with various classes, such as Introduction to Health Careers and Medical Terminology.

During her junior year, Lizeth took College Nursing Assistant Training, earning state certification as a certified nursing assistant. That led to a summer job at the Greek American Rehabilitation and Care Centre in Wheeling, where she built on her skills working with older patients. Lizeth plans to attend college when she graduates and eventually wants to work as a neonatal nurse caring for infants.

“ I would totally recommend the program to other students who are looking forward to being in the medical field and are passionate about helping others” - Lizeth Leon



Students in this pathway take four pathway courses: Introduction to Health Careers, Medical Terminology, College Nursing Assistant Training and a capstone course focused on health science - Medical Science Academy. In addition, students have the opportunity to earn a State of Illinois Certified Nursing Assistant certificate.

9 10 11 12

Allied Health

Introduction to Healthcare Field 1
(WHS, EGHS, JHHS)

Exercise Physiology
(PHS, BGHS, RMHS)

Introduction to Healthcare Field 2/Medical Terminology

Human Physiology/
Medical Terminology

College Nursing Assistant Training

College Human Anatomy and Physiology

Honors Physics

Medical Science Academy

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Psychology
- College Health Occupations Career Observation
- College Introduction to Health Careers
- Experiential Medical Physiology and Biochemistry
- Human Physiology

Career Related Activities for the Health Science pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Health Career Clubs
- Student Athletic Trainers

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

*This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).



Allied Health

■ Potential College Programs

- Dental Hygiene
- Diagnostic Medical Sonography
- Emergency Medical Services
- Health Information Technology
- Nursing
- Phlebotomy
- Radiologic Technology
- Medical Assistant
- Physical Therapist Assistant
- Surgical Technology

■ Industry Certifications

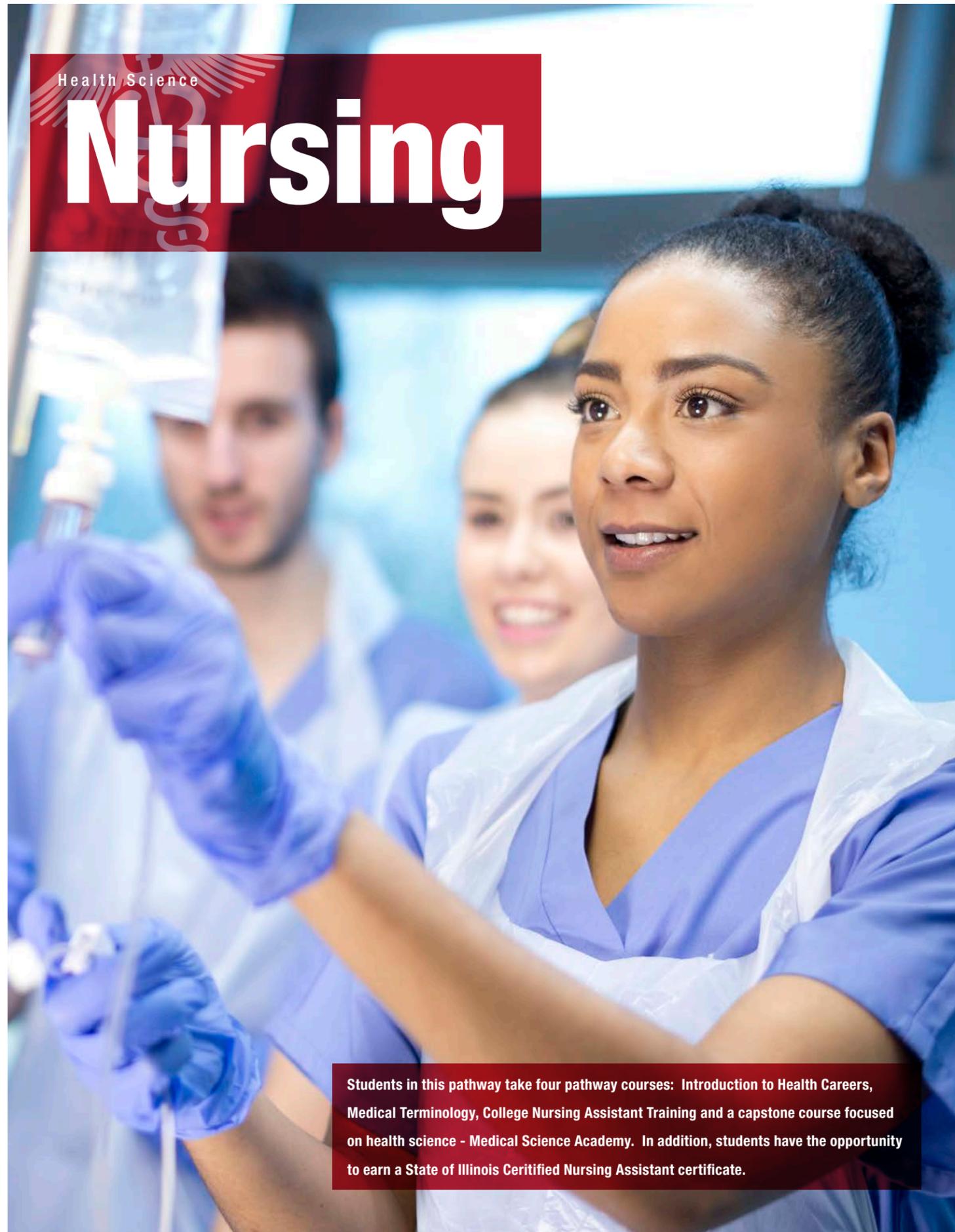
- Certified Nursing Assistant
- CPR Certification

■ Work-Based Learning Experiences

- Health Sciences and Technology Micro Internship
- Health Sciences and Technology Internship

■ Future Careers

- Dental Hygienist
- Sonographer
- Paramedic
- Health Information Technician
- Nurse
- Phlebotomist
- Radiologic Technologist
- Medical Assistant
- Physical Therapy Assistant
- Surgical Technologist



Students in this pathway take four pathway courses: Introduction to Health Careers, Medical Terminology, College Nursing Assistant Training and a capstone course focused on health science - Medical Science Academy. In addition, students have the opportunity to earn a State of Illinois Certified Nursing Assistant certificate.

9 10 11 12

Nursing

Introduction to Healthcare Field 1 (WHS, EGHS, JHHS)

Exercise Physiology (PHS, BGHS, RMHS)

Introduction to Healthcare Field 2/ Medical Terminology

Human Physiology/ Medical Terminology

College Nursing Assistant Training

College Human Anatomy and Physiology

Honors Physics

Medical Science Academy

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Psychology
- College Health Occupations Career Observation
- College Introduction to Health Careers
- Experiential Medical Physiology and Biochemistry
- Human Physiology

Career Related Activities for the Health Science pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Health Career Clubs
- Student Athletic Trainers

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Medical Science Academy



District 214 gives students interested in the healthcare field early opportunities for success through three Health Science Pathway programs.

Through the Medical Science Academy, seniors will enroll in Anatomy and Physiology courses at Harper College, earning 8 dual-credit college hours transferable to both two- and four-year degree programs. Additionally, students will gain valuable hands-on experience, including a 60-hour internship with local healthcare providers and hospitals, opportunities to interact with professionals in the field, and participation in cadaver labs.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Nursing

■ Potential College Programs

- Nursing
- Health Care Administration

■ Industry Certifications

- Certified Nursing Assistant
- CPR Certification

■ Work-Based Learning Experiences

- Health Sciences and Technology Micro Internship
- Health Sciences and Technology Internship
- Youth Apprenticeship

■ Future Careers

- Licensed Practical Nurse
- Registered Nurse
- Nurse Practitioner
- Nursing Informatics Specialist



Health Science

Pre-Medicine

Students in this pathway take four pathway courses: Introduction to Health Careers, Medical Terminology, College Nursing Assistant Training and a capstone course focused on health science - Medical Science Academy. In addition, students have the opportunity to earn a State of Illinois Certified Nursing Assistant certificate.

9 ▶ 10 ▶ 11 ▶ 12 ▶

Pre-Medicine

Introduction to Healthcare Field 1 (WHS, EGHS, JHHS)

Exercise Physiology (PHS, BGHS, RMHS)

Introduction to Healthcare Field 2/ Medical Terminology

Human Physiology/ Medical Terminology

College Nursing Assistant Training

College Human Anatomy and Physiology

Honors Physics

Medical Science Academy

AP Chemistry

AP Biology

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Psychology
- College Health Occupations Career Observation
- College Introduction to Health Careers
- Experiential Medical Physiology and Biochemistry
- Human Physiology

Career Related Activities for the Health Science pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Health Career Clubs
- Student Athletic Trainers

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Pre-Medicine

■ Potential College Programs

Micro & Cellular Biology

■ Industry Certifications

Certified Nursing Assistant

CPR Certification

■ Work-Based Learning Experiences

Health Sciences and Technology Micro Internship

Health Sciences and Technology Internship

Medical Science Academy

■ Future Careers

Dentist

Dietitian and Nutritionist

Nurse

Occupational Therapist

Physical Therapist

Pharmacist

Physician Assistant

Physician-Doctor-Surgeon

Psychiatrist

Discover214

HEALTH SCIENCES CAREER PATHWAY

District 214's Health Sciences Career Pathway offers students opportunities to explore various health careers, earn early college credit, participate in internships and obtain multiple certifications – including CPR, First Aid and Illinois Certified Nursing Assistant licensure – while still in high school.

The **Medical Science Academy pathway program** offered by **District 214** is a robust opportunity for students interested in pursuing healthcare careers. The program provides early exposure to health science professions, helping students gain valuable skills and experiences before graduating high school. Here's a breakdown of what the program entails:

Key Features of the Medical Science Academy Pathway Program:

1. Real-World Experience:

- **Hospital Observations:** Seniors can observe healthcare professionals in local hospitals, gaining hands-on insight into various roles within the healthcare system.
- **Work-Based Learning:** Students participate in work-based learning experiences, providing them with practical knowledge and exposure to the healthcare environment.

2. Academic Preparation:

- **Health Science Courses:** Students explore key health science topics, including anatomy and physiology which lay the foundation for more advanced studies in the field.
- **Dual Credit Opportunities:** Seniors have the chance to earn **dual credit** by taking college-level courses in health science on campus at Harper or at the high school.

3. Post-Secondary Preparation:

- The program is tailored for students planning to continue their education at a four-year or two-year college in healthcare programs after high school.
 1. **Bachelor Degree Programs:** Students can declare a pre-medicine track to meet medical school requirements while earning their Bachelor's Degree
 2. **Associate Degree Programs:** Students can pursue degrees in fields like nursing, dental hygiene, and surgical technology.
 2. **Certificates:** Students also have the option of pursuing certifications in specialties such as medical assisting, EKG technician, and medical coding.

Benefits:

1. **College Credit:** Earning up to 8 college credit hours gives students a head start in their post-high school education, potentially saving time and money.
2. **Hands-On Experience:** Work-based learning and professional observation provide real-world context and exposure to healthcare careers, helping students make informed decisions about their future.
3. **Comprehensive Preparation:** The combination of coursework, dual credit, and practical experience gives students a well-rounded foundation to succeed in healthcare fields.

In summary, the **Medical Science Academy Pathway** program at District 214 is a great opportunity for students looking to enter the healthcare field. By combining classroom learning with hands-on experience, the program helps students transition smoothly into post-secondary healthcare education and careers.

(HPS)

Human and Public Services



Education and Training

Early Childhood Education Pre K-2	123
Education K-12	127



Government and Public Administration

International Relations	133
Government and Public Administration	137



Human Services

Family and Community Services	143
Exercise, Physiology and Kinesiology	157
Cosmetology	151



Law, Public Safety, Corrections and Security

Criminal Justice	157
Emergency and Fire Management Services	161
Law	165



Career Pathways

Education and Training



Human and Public Services (HPS)

Education and Training

Pathways in this cluster prepare students education careers at the early childhood, primary and postsecondary education levels. In addition to pathway courses and electives, each pathway offers early college credit and a wide range of hands-on learning experiences through work-based training and extracurricular activities.

Pathways

Early Childhood Education Pre K-2	123
Education K-12	127

Student Spotlight

Marilyn Gutierrez always wanted to become a teacher but wasn't sure it was the right fit for her. Thanks to the Teaching/Training Pathway and its Educator Prep program, the Rolling Meadows High School graduate is now studying early childhood education at National Louis University.

In high school, Marilyn took introductory and college-level education courses to earn dual credits and a \$4,600 annual scholarship to National Louis. That, along with student teaching experience, gave her a solid foundation when she entered college.

"Because National Louis is a partner with District 214, my education is much more affordable than I could have ever dreamed," says Marilyn, who is the first in her family to go to college.

As part of the Educator Prep program, Marilyn will have opportunities for student teaching positions in District 214 and participating local elementary schools. She will also have the chance to interview for open teaching positions in those schools after graduation.

Education and Training

Early Childhood Education Pre K-2



This pathway is set up for students interested in working with young children as an elementary school teacher, kindergarten teacher, preschool teacher, librarian, special education teacher or teacher assistant. It offers five main pathway courses, early college credit and related elective classes as well as practical experience, three high school certificates and 10 Harper College certificates.

Early Childhood Education Pre K-2

9 ▶ 10 ▶ 11 ▶ 12 ▶

Early Childhood Education Pre K-2

Foundations of Learning and Development	Practicum in Early Childhood Education 2	College Education Academy
Introduction to Teaching Methods	Practicum in Early Childhood Education 3	
	Practicum in Early Childhood Education 4	

High School District 214 Graduation Requirements

English	English English English English Course Descriptions Section - Page 235	4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261	3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279	2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271	2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293	1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249	0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298 , Economics (07830) - Page 283 , AP Economics (07931/07932) - Page 281 , Consumer Education (59940) - Page 329 .	0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.	★

Post Secondary

Career Related Electives

- AP Psychology
- College Entrepreneurship
- College Introduction to Education
- Small Business Management
- College Inquiry into Teaching
- World Language
- College Education Academy
- World Religions

Career Related Activities for the Early Childhood Education Pre K-2 pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Educators Rising
- Principal's Advisory Council
- Scholastic Bowl
- Service Learning
- Student Athletic Trainer
- Student Council
- Student Tutor

Four-Year University Admission Requirements

- English (4 years)
 - Mathematics (4 years)
 - Social Science (3-4 years)
 - Science (2-3 years)
 - World Language (2-3 years)
 - Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.

Preschool Programs



As part of the Education Pathway and work-based learning experience, three District 214 high schools offer full day preschool programs—Buffalo Grove, Elk Grove and Wheeling, and two schools offer morning and afternoon preschool programs—Rolling Meadows and Hersey.

In the program, high school students learn to teach math, language, science and music skills to preschool children using hands-on discovery techniques.

Students prepare daily lessons focusing on the preparatory skills that preschool children need to be successful in kindergarten. All lesson plans are required to meet the state's early childhood learning standards. Students also complete weekly observations to gain a better sense of the preschool children's developmental and educational needs.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Early Childhood Education Pre K-2

■ Potential College Programs

- Early Childhood Education
- Elementary Education
- Library Science
- Special Education
- Speech Language Pathology

■ Industry Certifications

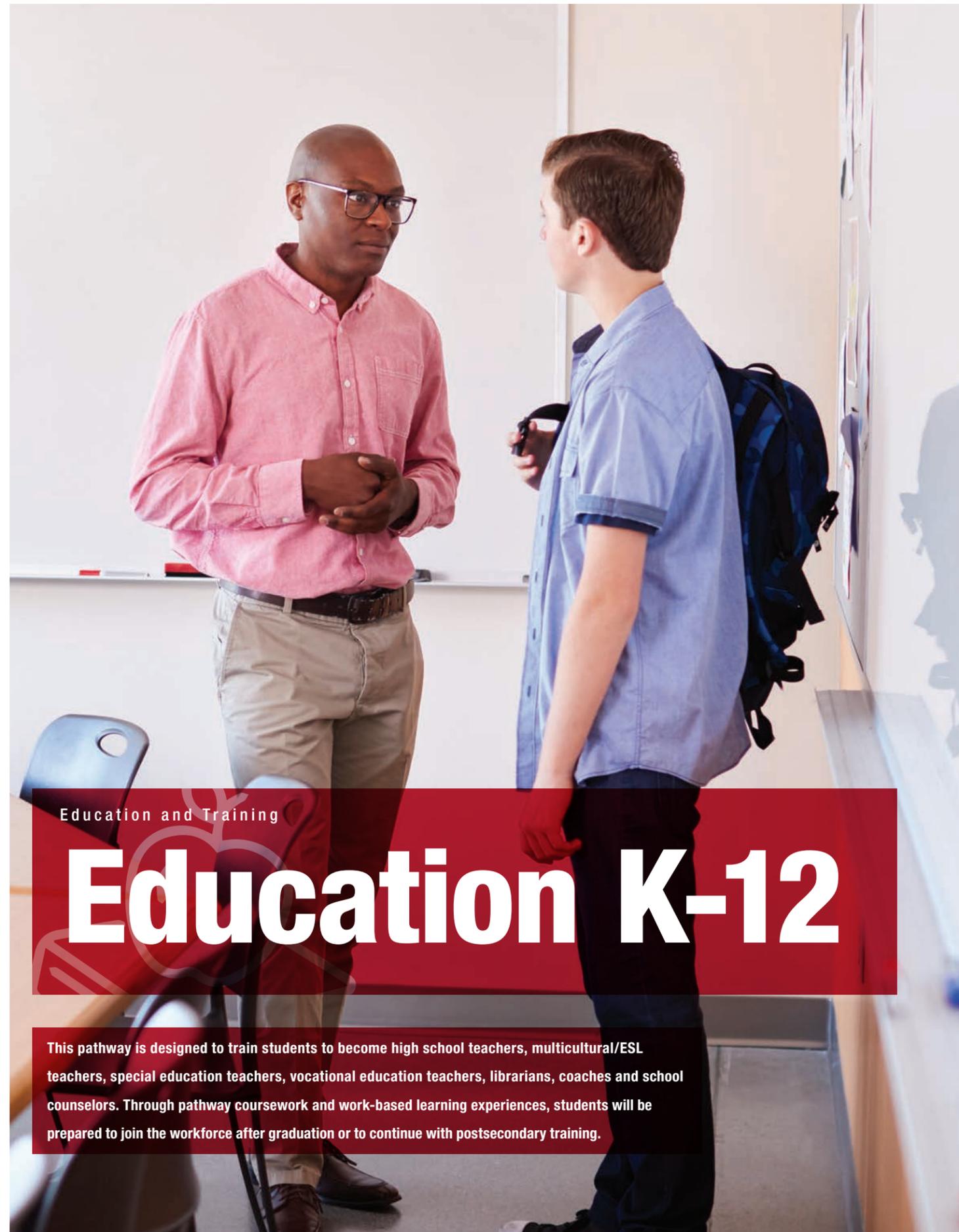
- AAFCS - Education Fundamentals
- American Heart Association - First Aid

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship
- Education Academy

■ Future Careers

- Education Administrator
- Early Childhood Teacher
- ESL Teacher
- Librarian
- School Counselor
- Special Education Teacher
- Speech Language Pathologist



Education and Training

Education K-12

This pathway is designed to train students to become high school teachers, multicultural/ESL teachers, special education teachers, vocational education teachers, librarians, coaches and school counselors. Through pathway coursework and work-based learning experiences, students will be prepared to join the workforce after graduation or to continue with postsecondary training.

9 ▶ 10 ▶ 11 ▶ 12 ▶

Education K-12

Foundations of Learning and Development

Introduction to Teaching Methods

Practicum in Early Childhood Education 2

College Introduction to Education

College Inquiry into Teaching

College Education Academy

High School District 214 Graduation Requirements

English

English | English | English | English

Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)

Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)

Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)

Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education

Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts

Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education

Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education

A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321

Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP and other coursework related to area of specialization
- AP Psychology
- Practicum in Early Childhood Education 3
- Practicum in Early Childhood Education 4
- World Language
- World Religions

Career Related Activities for the Education K-12 pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Educators Rising
- Principal's Advisory Council
- Scholastic Bowl
- Service Learning
- Student Athletic Trainer
- Student Council
- Student Tutor

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Education Academy



Education Academy, the capstone course of the Education pathway, is open to seniors interested in a career in education, who have previously completed Education pathway coursework. The capstone experience aims to provide students interested in education opportunities to explore, learn and observe various topics in the field. Topics can include human development, school learning, assessment, multicultural education, and teaching methods.

Education Academy consists of two semesters of dual credit coursework. Students are able to earn college credit from Eastern Illinois University during a semester of College Education in a Diverse Society, and credit from National Louis University during a semester of College Applied Educational Psychology.

Outside of the classroom, students are able to gain a larger perspective of the real-life educational opportunities available to them through the embedded work-based learning component of the capstone. Students are partnered with teachers in the elementary and middle school districts in the surrounding community, observing them in the classroom environment. Observation provides an opportunity for students to see first-hand what they have been learning and how it applies in a real-world classroom setting under the guidance of a professional educator.

Education K-12

■ Potential College Programs

- Library Science
- Secondary Education
- Special Education
- Speech Language Pathology

■ Industry Certifications

- AAFCS - Education Fundamentals
- American Heart Association - First Aid

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship
- Education Academy
- College Inquiry into Teaching

■ Future Careers

- Education Administrator
- High School Teacher
- ESL Teacher
- Librarian
- School Counselor
- Special Education Teacher
- Speech Language Pathologist



Career Pathways

Government and Public Administration

Human and Public Services (HPS)

Government and Public Administration

This career cluster prepares students who want to pursue careers in local, state or federal government for roles in national security, foreign service, planning, revenue and taxation, and regulations. These pathways include opportunities for work-based learning experiences and early college credit.

Pathways

International Relations	133
Government and Public Administration	137



Daniel Salgado-Alvarez

Student Spotlight

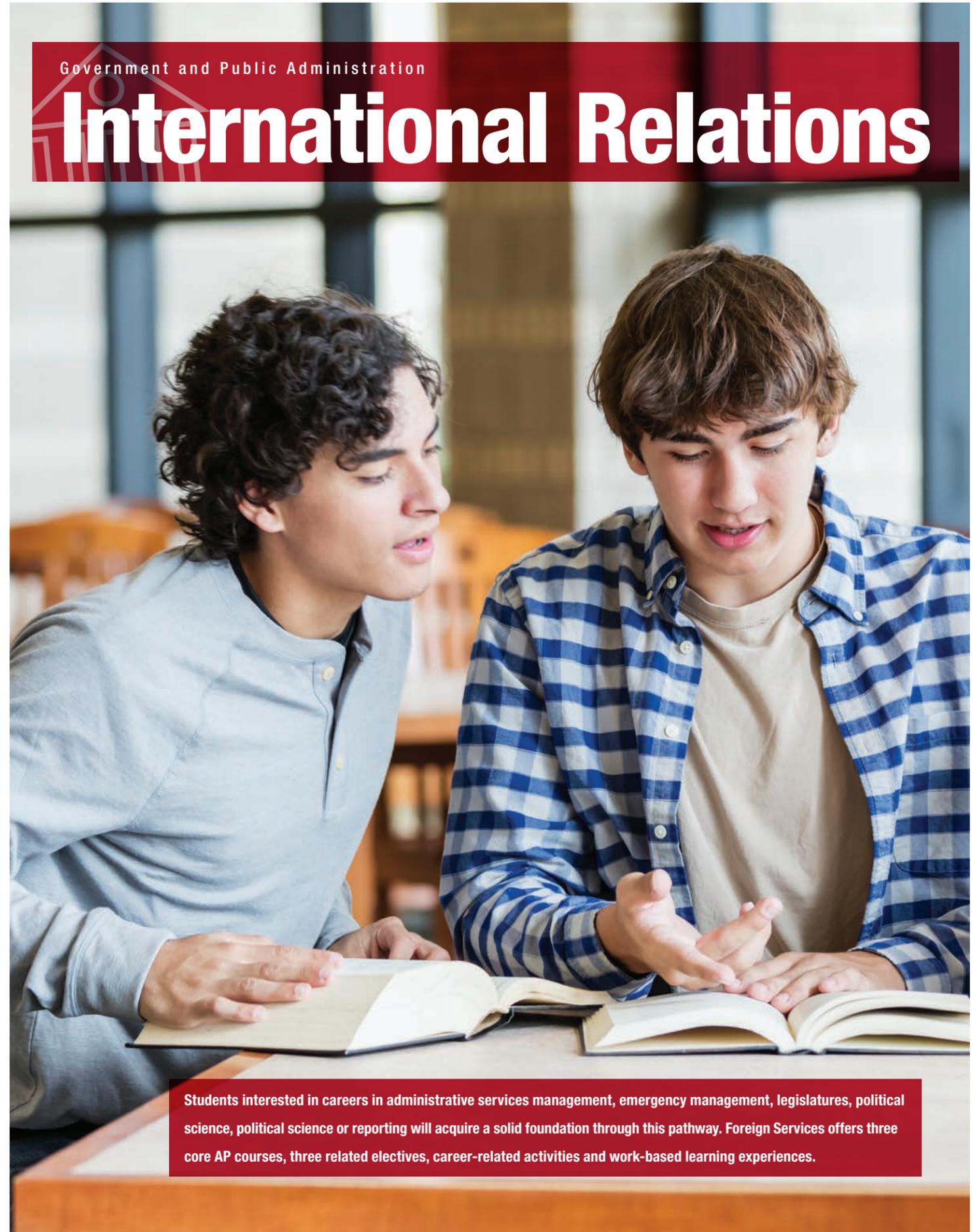
Daniel Salgado-Alvarez discovered his interest in politics during his sophomore year when he got involved in Estudiantes Unidos, a leadership program for Elk Grove High School students. Working with younger kids living in an unincorporated area, he realized they lacked access to resources such as a public library—and that inspired him to explore the practical impact of politics.

He switched from the Engineering Pathway to the Governance and Public Management and Administration Pathway during his

junior year, taking a variety of law and AP classes. This led to his involvement with a Congressional Hispanic Caucus Institute summer program, learning about different jobs that support members of Congress.

Daniel, who plans to major in political science in college, says Career Pathways helped him realize his passion for politics rather than engineering.

“ It can be a way to see if [you’re] interested in government or interested in healthcare. My advice would be to **find something you’re really into and just go for it 100 percent.**” - Daniel Salgado-Alvarez



Students interested in careers in administrative services management, emergency management, legislatures, political science, political science or reporting will acquire a solid foundation through this pathway. Foreign Services offers three core AP courses, three related electives, career-related activities and work-based learning experiences.

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International Relations

Human Geography	Latin American Studies	AP European History
World Language	Latin American History	Middle Eastern Politics
	AP African American Studies	College World Religions
	World Language	AP Government
		World Language

High School District 214 Graduation Requirements

English	English English English English Course Descriptions Section - Page 235	4.0 credit units
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261	3.0 credit units
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279	2.0 credit units
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271	2.0 credit units
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293	1.0 credit unit
Fine Arts	Fine Arts Course Descriptions Section - Page 249	0.5 credit unit
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298 , Economics (07830) - Page 283 , AP Economics (07931/07932) - Page 281 , Consumer Education (59940) - Page 329 .	0.25 credit unit
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.	⊛

Post Secondary

- Advanced Legal Concepts
- AP Economics - Micro & Macro
- AP Psychology
- AP World History
- American Law
- College Microeconomics
- Constitutional Law
- Criminal and Civil Law
- College Legal Research and Argument
- College Macroeconomics

Career Related Activities for the International Relations pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Leadership Council
- Naval Science (NJROTC)
- Speech Team
- Student Council
- Student Tutor

Four-Year University Admission Requirements

- English (4 years)
 - Mathematics (4 years)
 - Social Science (3-4 years)
 - Science (2-3 years)
 - World Language (2-3 years)
 - Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.

World Languages and the Seal of Biliteracy



District 214 offers world language programs in French, German, Spanish, Italian, Japanese, Mandarin Chinese and American Sign Language.

Students enrolled in world language programs have the opportunity to earn the Seal of Biliteracy, the state of Illinois' recognition for proficiency in English and one or more foreign languages. Students can receive the seal in languages taught in District 214 as well as for languages learned in classes outside the District. In addition to appearing on diplomas and transcripts, the seal provides students with an opportunity to earn early college credit.

All public community colleges and universities in the state of Illinois have established criteria on how early college credit is awarded. Information regarding this is available in the guidelines for each college and university.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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International Relations

■ Potential College Programs

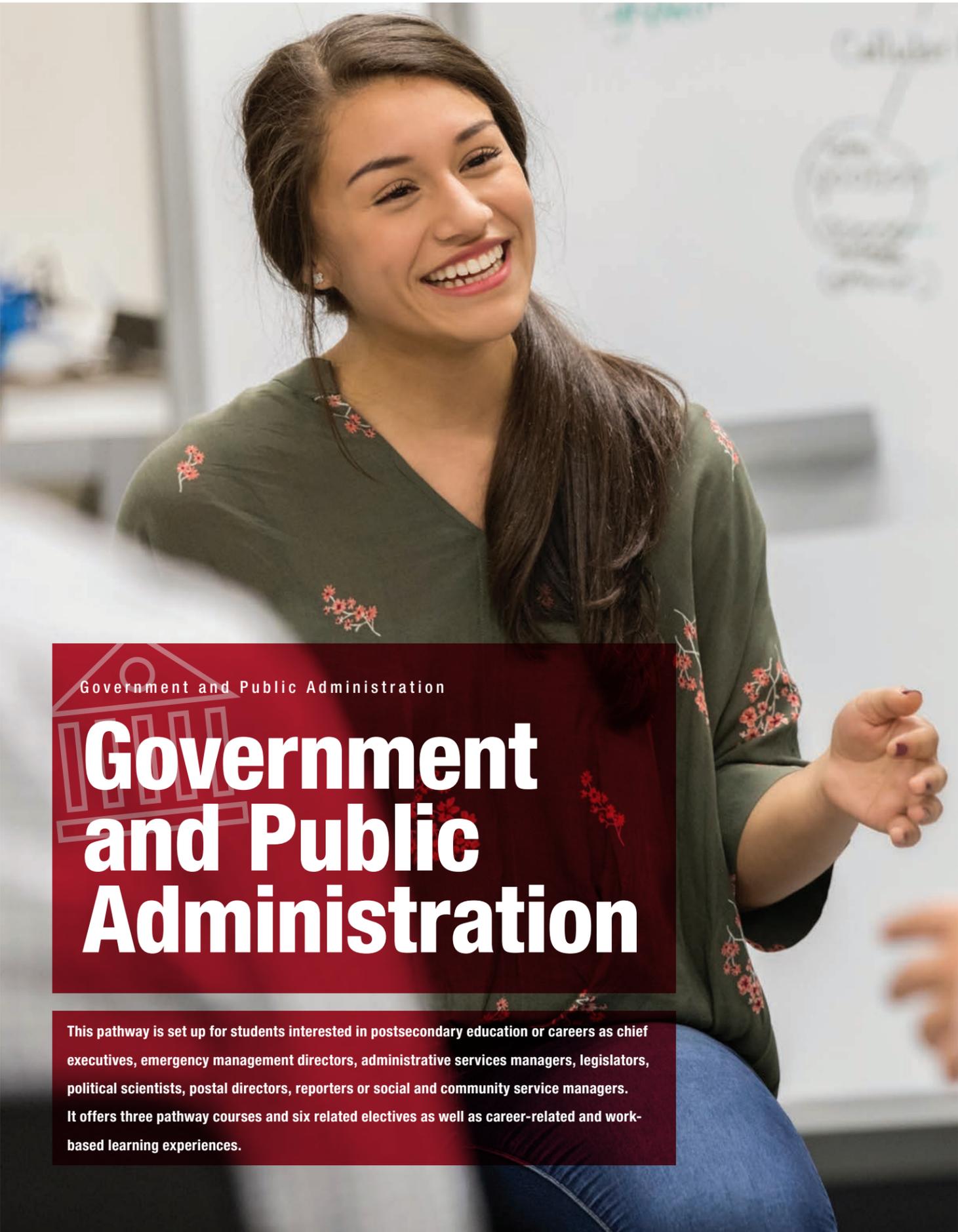
- Political Communication
- Political Science and Government
- Public Administration
- Public Policy Analysis

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship

■ Future Careers

- Policy Analyst
- Governmental Staff Assistant
- Nonprofit Program Director
- Political Scientist
- Public Relations Specialist



Government and Public Administration

Government and Public Administration

This pathway is set up for students interested in postsecondary education or careers as chief executives, emergency management directors, administrative services managers, legislators, political scientists, postal directors, reporters or social and community service managers. It offers three pathway courses and six related electives as well as career-related and work-based learning experiences.

Government and Public Administration

9 ▶ 10 ▶ 11 ▶ 12 ▶

Government and Public Administration

AP Psychology

Constitutional Law
Criminal & Civil Law

AP Government

College Legal Research and Argument / Advanced Legal Concepts

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP African American Studies
- AP Human Geography
- AP Psychology
- AP Economics - Micro & Macro
- AP World History
- AP Statistics
- College Business
- College Macroeconomics
- College Microeconomics
- College Statistics
- Naval Science (NJROTC)
- World Language

Career Related Activities for the Government and Public Administration pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Leadership Council
- Naval Science (NJROTC)
- Speech Team
- Student Council
- Student Tutor

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Learning, Experience, Apprenticeships, Pathways Program



The LEAP Program (Learning, Experience, Apprenticeships, Pathways) helps District 214 students who are residents of Mount Prospect gain vital skills and hands-on experiences in various industries throughout the community and serves to further develop the career talent pipeline in the Mount Prospect area.

The partnership is aligned with District 214's Center for Career Discovery and Career Pathways program, which provides students with career-focused courses and real-life experiences to explore careers and discover their future.

As part of the LEAP Program, the District and Mount Prospect also have a local government initiative, which gives students an inside look at how municipal government effectively serves the residents of Mount Prospect.

Students spend four days each semester working within the various departments at Village Hall. Through their experiences, they develop a 30-hour project to solve a local community, business or government need. Students present their findings at the end of the semester.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Government and Public Administration

■ Potential College Programs

- Political Communication
- Political Science and Government
- Public Administration
- Public Policy Analysis
- Urban Studies/Affairs

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship

■ Future Careers

- Policy Analyst
- Governmental Staff Assistant
- Nonprofit Program Director
- Legislator
- Political Scientist
- Public Relations Specialist
- Urban Planning



Career Pathways

Human Services

Human and Public Services (HPS)

Human Services

Pathways in this career cluster prepare students for careers in family and community services, family and community services and personal care and consumer services. Students will receive education and practical work experience that will allow them to begin their careers after high school graduation or to continue their studies through postsecondary education.

Pathways

Family and Community Services	143
Exercise, Physiology and Kinesiology	147
Cosmetology	151



Human Services

Family and Community Services

This pathway introduces students to careers in family and community services through pathway courses in human growth and child development, sociology, AP psychology and sociology of service learning. Examples of possible careers include art or music therapist, child and family social worker, clinical psychologist, mental health counselor and substance abuse and behavioral disorder counselor.

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Family and Community Services

Foundations of Learning
Introduction to Teaching Methods

Sociology of Service Learning

Sociology
AP Psychology

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Small Business Management
- Education Academy

Career Related Activities for the Family and Community Services pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Family Career and Community Leaders of America (FCCLA)
- Peer Mentor
- Service Learning
- Student Council
- Student Tutor

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Family and Community Services

■ Potential College Programs

- Psychology
- Sociology
- Social Work
- Human Development and Family Studies
- Human Services - Substance Abuse

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship

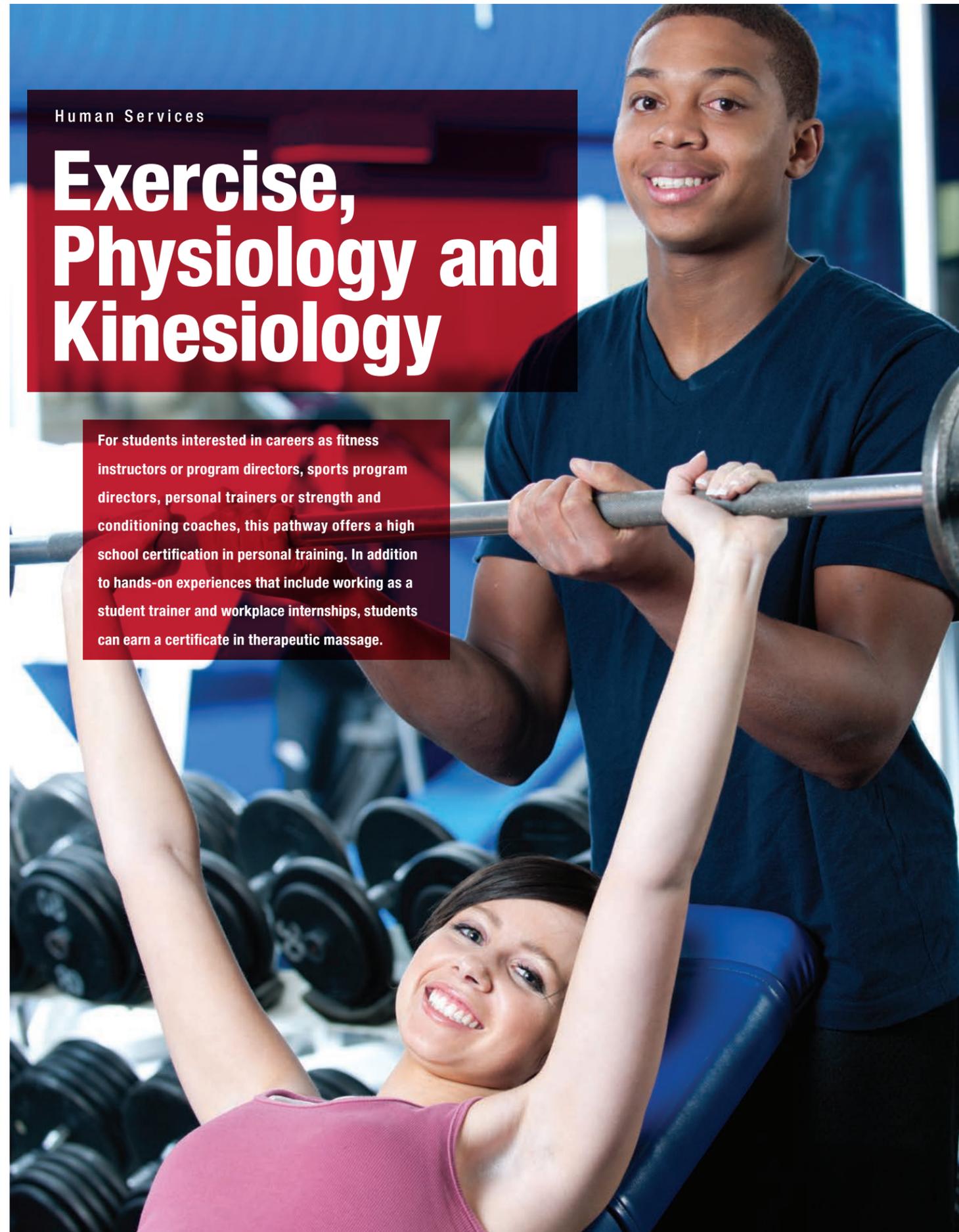
■ Future Careers

- Art Therapist
- Child and Family Social Worker
- Clinical, Counseling or School Psychologist
- Mental Health Counselor
- Music Therapist
- Substance Abuse and Behavioral Disorder Counselor

Human Services

Exercise, Physiology and Kinesiology

For students interested in careers as fitness instructors or program directors, sports program directors, personal trainers or strength and conditioning coaches, this pathway offers a high school certification in personal training. In addition to hands-on experiences that include working as a student trainer and workplace internships, students can earn a certificate in therapeutic massage.



Exercise, Physiology and Kinesiology

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Exercise, Physiology and Kinesiology	Exercise Physiology (BGHS & PHS)	Introduction to Healthcare Field 2/College Medical Terminology	Personal Trainer Certification	College Advanced Strength and Conditioning
	Introduction to Health Careers (WHS, EGHS, JHHS, RMHS)	Human Physiology/College Medical Terminology (BGHS)		
English	English English English English			
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended)			
Social Science	Social Science Social Science Social Science (Recommended)			
Science	Science Science Science (Recommended)			
Career & Technical Education	Career and Technical Education			
Fine Arts	Fine Arts			
Consumer Education	Consumer Education			
Physical Education	Physical Education Health Physical Education Physical Education			

High School District 214 Graduation Requirements				
English	English	English	English	4.0 credit units
Mathematics	Mathematics	Mathematics	Mathematics (Recommended)	3.0 credit units
Social Science	Social Science	Social Science	Social Science (Recommended)	2.0 credit units
Science	Science	Science	Science (Recommended)	2.0 credit units
Career & Technical Education	Career and Technical Education			1.0 credit unit
Fine Arts	Fine Arts			0.5 credit unit
Consumer Education	Consumer Education			0.25 credit unit
Physical Education	Physical Education	Health	Physical Education	Physical Education

Exercise Physiology (BGHS & PHS)

Introduction to Health Careers (WHS, EGHS, JHHS, RMHS)

Introduction to Healthcare Field 2/College Medical Terminology

Human Physiology/College Medical Terminology (BGHS)

Personal Trainer Certification

College Advanced Strength and Conditioning

High School District 214 Graduation Requirements

English | English | English | English
Course Descriptions Section - Page 235

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

Career and Technical Education
Course Descriptions Section - Page 293

Fine Arts
Course Descriptions Section - Page 249

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.

Post Secondary

Career Related Electives

- AP Psychology
- AP Biology
- AP Chemistry
- Human Physiology
- Small Business Management

Career Related Activities for the Exercise Physiology and Kinesiology pathway

- Athletics
- District Career Days
- District Career Treks
- Student Trainer

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Exercise, Physiology and Kinesiology

■ Potential College Programs

- Exercise Science
- Kinesiology
- Recreation, Sport & Tourism
- Physical Education

■ Industry Certifications

- Personal Training

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship
- Youth Apprenticeship

■ Future Careers

- Athletic Trainer
- Fitness Instructor
- Occupational Therapist
- Physical Education Teacher
- Physical Therapist

Cosmetology

For students interested in beauty industry careers including Hair Stylist, Barber, Esthetician, Makeup Artist, Salon Owner, TV/Movie Studio Artist, and Product Representative. This pathway offers career related activities and workplace internships leading to early admission in a partnering 2-year Cosmetology program. First year attendance occurs during the senior year of high school with the program concluding post high school. Students can earn an Illinois Cosmetology License upon successful completion of the 2-year program.



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<p>Cosmetology</p>	<p>Intro to Business</p>	<p>Marketing</p>	<p>Small Business Management</p> <p>Cosmetology at College of Lake County (application required)</p>	<p>College Business</p> <p>Cosmetology at College of Lake County (application required)</p>	
	<p>High School District 214 Graduation Requirements</p>				
	<p>English</p>	<p>English English English English</p> <p>Course Descriptions Section - Page 235</p>			<p>4.0 credit units</p>
	<p>Mathematics</p>	<p>Mathematics Mathematics Mathematics Mathematics <small>(Recommended)</small></p> <p>Including one unit of Algebra I and one unit of Geometry.</p> <p>Course Descriptions Section - Page 261</p>			<p>3.0 credit units</p>
	<p>Social Science</p>	<p>Social Science Social Science Social Science <small>(Recommended)</small></p> <p>Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.</p> <p>Course Descriptions Section - Page 279</p>			<p>2.0 credit units</p>
	<p>Science</p>	<p>Science Science Science <small>(Recommended)</small></p> <p>Course Descriptions Section - Page 271</p>			<p>2.0 credit units</p>
	<p>Career & Technical Education</p>	<p>Career and Technical Education</p> <p>Course Descriptions Section - Page 293</p>			<p>1.0 credit unit</p>
	<p>Fine Arts</p>	<p>Fine Arts</p> <p>Course Descriptions Section - Page 249</p>			<p>0.5 credit unit</p>
	<p>Consumer Education</p>	<p>Consumer Education</p> <p>Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.</p>			<p>0.25 credit unit</p>
	<p>Physical Education</p>	<p>Physical Education Health Physical Education Physical Education</p> <p>A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*</p> <p>Course Descriptions Section - Page 321</p> <p>Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.</p>			<p>✳</p>

Post Secondary

Career Related Electives

- Accounting
- College Entrepreneurship
- Personal Finance
- Psychology
- Sociology
- Sociology of Marriage and Family

Career Related Activities for the Cosmetology pathway

- District Career Days
- District Career Nights
- District Career Treks
- Orchesis Productions
- Show Choir
- Theater Productions
- Video Productions

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Cosmetology

Potential Post Secondary Programs

- Barbering
- Cosmetology
- Entrepreneurship
- Small Business Administration

Industry Certifications

- Barbering Instructor Certification
- Cosmetology Instructor Certification
- Hair Braider License
- IDFPR Cosmetology License
- IDFPR Barbering License
- Master Makeup Certification
- Nail Technician License
- National Esthetician Certification
- Professional Makeup Certification

Work-Based Learning Experiences

- Cosmetology D214 Micro Internship
- Cosmetology D214 Internship

Future Careers

- Barber
- Color/Perm Specialist
- Esthetician
- Hair Designer
- Hair Stylist
- Makeup Artist
- Manicurist
- Nail Technician
- Product Representative
- Salon Owner
- TV/Movie Studio Artist
- Writer



Career Pathways

Law, Public Safety, Corrections and Security

Human and Public Services (HPS)

Law, Public Safety, Corrections and Security

Pathways in this cluster prepare students for careers or continuing education in law enforcement and corrections, emergency and fire management, and legal services. In addition to pathway courses and related electives, the cluster offers certifications, mentorships, internships, microinternships and Mock Trial experience, with students working with practicing attorneys to prepare for trial competitions.

Pathways

Criminal Justice	157
Emergency and Fire Management Services	161
Law	165



Aryana Thompson

Student Spotlight

An elective in eighth grade, Career Connections, led Aryana Thompson to the Legal Services Pathway in her freshman year at John Hersey High School. Setting her sights on becoming an attorney, she hasn't looked back.

Aryana started with an American Law class, which led to AP Government, Constitutional Law and Criminal/Civil Law, among

other courses. In addition, she actively pursued internships with a large law firm, a small firm and the Cook County Clerk's Office. She also took enrichment programs through John Marshall Law School, the Summer Legal Institute and the Constitutional Rights Foundation of Chicago.

“ [The pathway] really prepared me for my future. I feel like I already know where I want to go. It gives me more direction now. **Knowing I'm already interested in law** will set me up so I can prepare for the LSAT and look for law schools while I'm in college.” - Aryana Thompson



Law, Public Safety, Corrections and Security

Criminal Justice

This pathway is designed for students who want to pursue careers such as correctional officers, court reporters and paralegals, detectives and criminal investigators, police officers, sheriffs and private security. Students explore their options through legal-focused classes, extracurriculars, and work-based learning experiences, including practicums with local police departments.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Criminal Justice

American Law

Constitutional Law
Criminal & Civil Law

AP Psychology

Introduction to Criminal Justice / Introduction to Corrections

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Sociology
- Naval Science (NJROTC)
- College Legal Research and Argument
- Advanced Legal Concepts
- Sociology of Service Learning

Career Related Activities for the Criminal Justice pathway

- Athletics
- Debate Team
- District Career Days
- District Career Nights
- District Career Treks
- Service Learning
- Speech Team
- Student Council

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

College Legal Research and Legal Concepts



College Legal Research and Legal Concepts is a class that exposes students to civil law, criminal law and the appeals process.

This class is offered at the schools in the district that have a mock courtroom, which includes a jury area and was made to look like a real courtroom. Students do legal research and prepare for criminal and civil cases. They also learn about the appeals process in this course.

The course is taught by Rita Thompson, who is a lawyer and is able to offer an inside perspective. One semester of this full-year course is dual credit through Eastern Illinois University. Most of the students that take this course are seniors, but there are also juniors in the program.

Providing a connection with the community, guest speakers such as attorneys and law enforcement professionals come into the classroom to talk with the students about their real-life experiences.

The course also involves students being part of a Mock Trial team that participates in competitions.

Criminal Justice

■ Potential College Programs

- Law Enforcement and Justice
- Public Safety Dispatcher
- Forensic Science Technician
- Criminology and Criminal Justice

■ Work-Based Learning Experiences

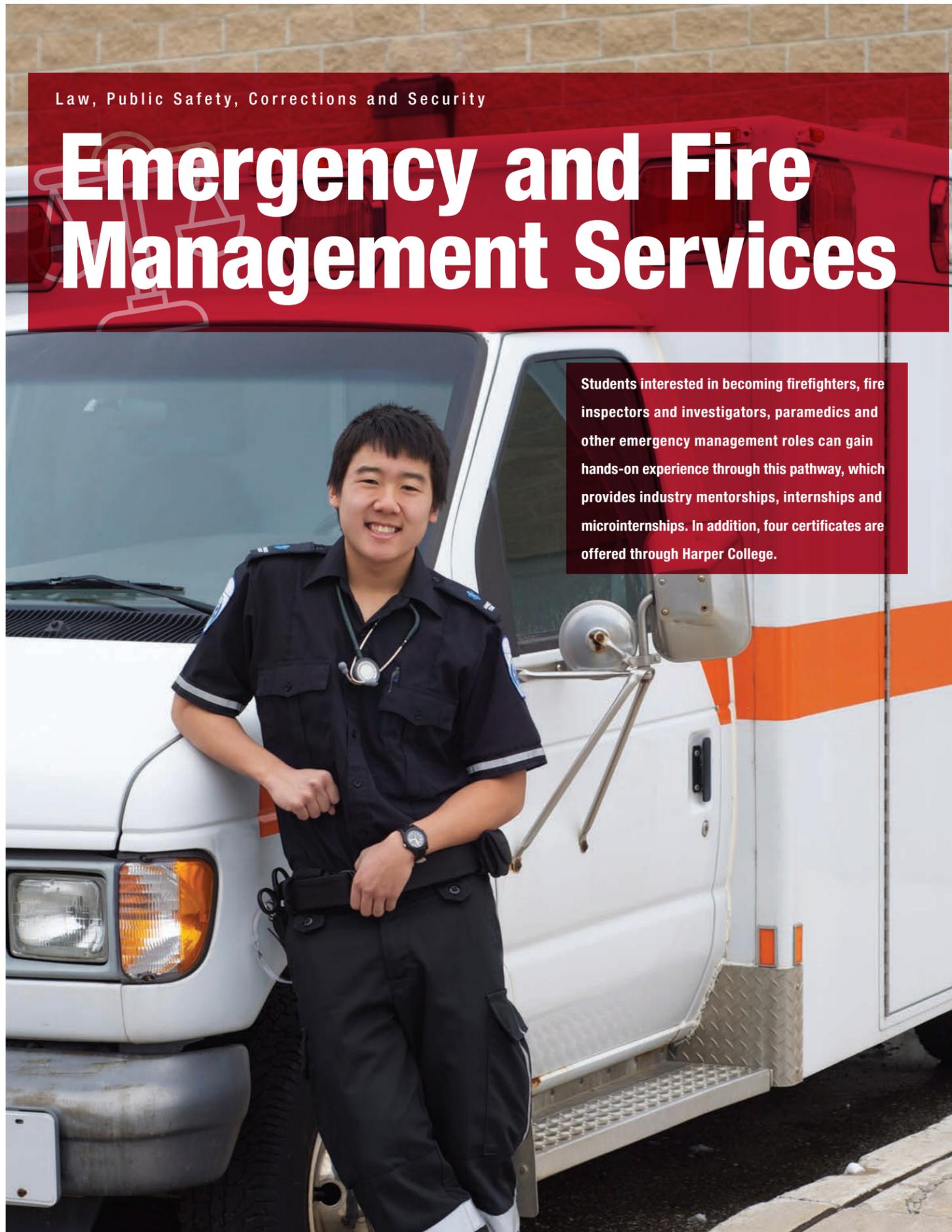
- Human and Public Services Micro Internship
- Human and Public Services Internship

■ Future Careers

- Law Enforcement
- Probation/Parole Officer
- Caseworker
- Corrections Officer
- Federal Agent
- Public Safety Dispatcher
- Forensic Science Technician

Emergency and Fire Management Services

Students interested in becoming firefighters, fire inspectors and investigators, paramedics and other emergency management roles can gain hands-on experience through this pathway, which provides industry mentorships, internships and microinternships. In addition, four certificates are offered through Harper College.



Emergency and Fire Management Services

9 ▶ 10 ▶ 11 ▶ 12 ▶

Emergency and Fire Management Services

Introduction to Healthcare Field 1 (WHS, EGHS, JHHS, RMHS)

Medical Terminology

AP Psychology

College Introduction to Fire Science / College Fire Behavior and Combustion

Medical Science Academy

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Human Anatomy and Physiology
- Human Physiology
- Naval Science (NJROTC)
- Sociology of Service Learning
- College Speech

Career Related Activities for the Emergency and Fire Management Service pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Service Learning

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

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**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Emergency and Fire Management Services

■ Potential College Programs

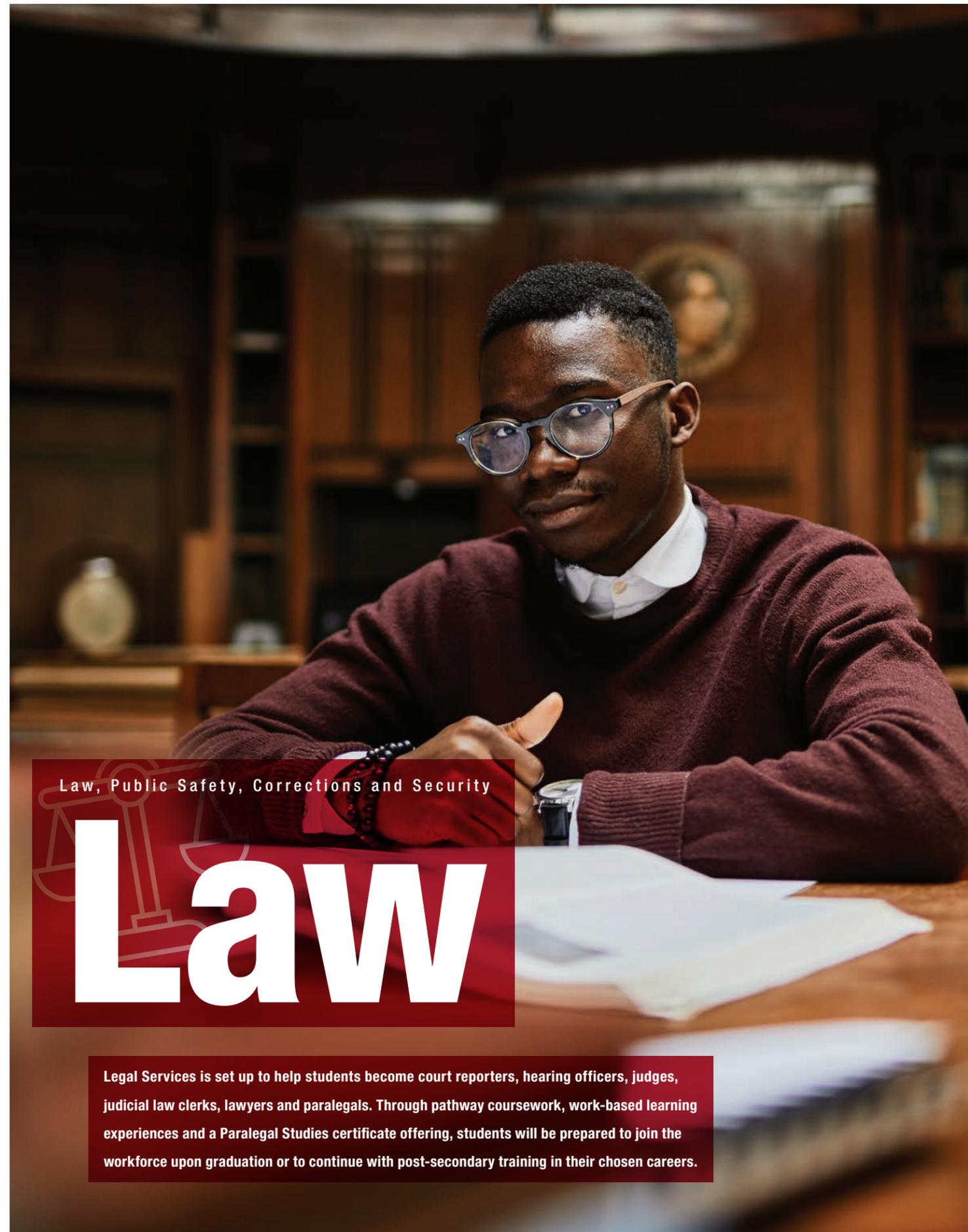
- Fire Science Technology
- Emergency Medical Services
- Emergency Medical Technician
- Paramedic

■ Future Careers

- EMT
- Firefighter
- Fire Inspector
- Paramedic

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship



Law, Public Safety, Corrections and Security

Law

Legal Services is set up to help students become court reporters, hearing officers, judges, judicial law clerks, lawyers and paralegals. Through pathway coursework, work-based learning experiences and a Paralegal Studies certificate offering, students will be prepared to join the workforce upon graduation or to continue with post-secondary training in their chosen careers.

9 10 11 12

Law

American Law

Constitutional Law

Criminal Law

Advanced Legal Concepts

College Legal Research and Argument

High School District 214 Graduation Requirements

English

English | English | English | English

Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)

Including one unit of Algebra I and one unit of Geometry.

Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)

Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.

Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)

Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education

Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts

Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education

Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:

Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education

A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*

Course Descriptions Section - Page 321

Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Economics - Micro & Macro
- AP US Government and Politics
- AP Psychology
- College Macroeconomics
- College Microeconomics
- College Middle Eastern Politics
- Sociology of Service Learning
- Sociology
- World Language

Career Related Activities for the Law pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- Service Learning
- Speech Team
- Student Council

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Law and Equity Pathway



District 214's Law and Equity Pathway launched in 2017 to educate students about the operation of America's legal system. Through the pathway, students interested in law or related legal professions—from police officers and FBI agents to crime scene investigators and forensic science technicians—learn the introductory skills they need for success.

For example, the Advanced Legal Concepts and Issues course exposes students to civil law, criminal law and the appeals process. The course is taught by District 214 teachers, two of whom hold Juris Doctor degrees. One semester of this full-year course offers dual credit through Eastern Illinois University. Most of the students who take this course are seniors, although the class is open to juniors as well.

As part of the pathway's courses, teachers regularly host area experts, inviting judges, attorneys, police officers and others to talk with students about their day-to-day experiences. Students also are able to take real-world internships and, in many cases, work with practicing attorneys on Mock Trial teams. Mock Trial prepares students for simulated trials in competitions such as the Northwest Suburban Bar Association's Annual Mock Trial Invitational.

To help prepare students, District 214 has converted classrooms at Buffalo Grove, Elk Grove, John Hersey and Wheeling high schools into simulated courtrooms to familiarize students with a courtroom setting while also giving them opportunities to practice trial law in a courtroom. The Elk Grove courtroom has been underwritten in part by a generous donor.

Law

■ Potential College Programs

- Economics
- English
- History
- Philosophy
- Political Science
- Paralegal Studies
- Court Reporter Certificate

■ Work-Based Learning Experiences

- Human and Public Services Micro Internship
- Human and Public Services Internship

■ Future Careers

- Arbitrator
- Court Reporter
- Hearing Officer
- Judge
- Judicial Law Clerk
- Lawyer
- Legal Assistant
- Paralegal

(IT)
Information Technology



Information Technology

Information Technology and Network Systems	173
Cybersecurity	177



Career Pathways

**Information
Technology**

Information Technology (IT)

Information Technology

Students interested in careers in IT, such as design, development, hardware, software, cybersecurity and systems integration services will gain knowledge and practical experience in this career cluster. Each pathway offers a combination of required courses, related electives, early college credit and activities such as WildStang FIRST Robotics and Robot Rumble. Students can also participate in IT internships or cybersecurity youth apprenticeships to continue building their skills.

Pathways

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Cybersecurity	177

Student Spotlight

Bob Voss wants to work in information technology one day so he signed up for the Network Systems/Information Support Services Pathway at Rolling Meadows High School. The pathway offers a wide variety of high school and certificate programs in addition to college-level IT courses.

Bob also gained valuable experience by being chosen for District 214's first Youth Apprenticeship program in cybersecurity during

his junior year. Apprentices get practical, hands-on experience in the workplace as well a federal certification as a cybersecurity technician and certifications and 20 college credits through coursework at Moraine Valley Community College.

For Bob, the pathway and apprenticeship program provided a solid foundation for college and the future.

“ I would like to do something like a cybersecurity officer. I'd like to be in a position where I could [supervise] either a district or a company, or a job in the government working with the NSA.” - Bob Voss



Information Technology

Information Technology and Network Systems

This pathway is open to students interested in careers as computer and information research scientists and system managers, computer network architects and support specialists, computer programmers, computer systems analyst, use support specialists and systems or database administrators. In addition to pathway courses and electives that earn college credits, the pathway offers four high school certifications and 12 Harper College certifications.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Information Technology and Network Systems

Computer Programming
Mobile APP Development
and Networking

College IT Fundamentals
College A+ Operating
Systems Technology

College A+ Hardware
College Computer
Networking

Advanced Network
Systems and Cybersecurity

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Calculus
- AP Computer Science Principles
- AP Physics
- AP Statistics
- Robotics

Career Related Activities for the Information Technology and Network Systems pathway

- Athletics
- Computer Clubs
- District Career Days
- District Career Nights
- District Career Treks
- Math Team
- Robot Rumble
- Theater Tech Crew
- Wildstang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

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Moraine Valley/IT Partnership



Cybersecurity, which offers a growing number of careers across a variety of industries, is an expanding area of study for District 214. To help students be prepared as possible in this area, the District partners with Moraine Valley Community College to offer strategic college credits in cybersecurity.

The college partners with District 214 on two courses: Orientation to IT Professions and Security Awareness. Students can earn college credit in both courses. Additionally, District 214 has worked with Moraine Valley to offer a capstone apprenticeship program to students who complete the college's coursework for the Network Security Specialist Certificate as well as on-the-job training as apprentices employed by District 214's Technology Department.

Moraine Valley is home to the Center for Systems Security and Information Assurance, and was among the first six community colleges in the nation to be recognized as a Center of Academic Excellence 2-Year, a top designation by the National Security Agency and Department of Homeland Security, making it a valuable partner for District 214.

Information Technology and Network Systems

■ Potential College Programs

- Computer Engineering
- Computer Information Systems
- Computer Science
- Information Technology

■ Industry Certifications

- CompTia A+
- CompTia Network+
- CompTia Security+
- CompTia IT Fundamentals

■ Work-Based Learning Experiences

- Information Technology Micro Internship
- Information Technology Internship
- Youth Apprenticeship
- Wildstang Robotics

■ Future Careers

- Computer Network Architect and Support Specialist
- Computer Programmer
- Computer Systems Analyst
- Computer User Support Specialist
- Software Developer
- Web Developer

Cybersecurity



Students who are planning careers in programming and software development, such as system manager, computer hardware engineer, computer operator and programmer, security analyst and software developer, will acquire advanced skills as well as college credits in this pathway. It also offers 12 Harper College certificates, practical work-based experience and an opportunity for apprenticeships in the district's new youth apprenticeship program.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Cybersecurity	<p>Computer Programming Mobile App Development and Networking</p> <p>AP Computer Science Principles/Mobile Apps Development 2</p> <p>AP Computer Science A College Cybersecurity and Mobility</p> <p>D214 Apprenticeship: Cybersecurity</p>
High School District 214 Graduation Requirements	
English	<p>English English English English</p> <p>Course Descriptions Section - Page 235</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">4.0 credit units</p>
Mathematics	<p>Mathematics Mathematics Mathematics Mathematics <small>(Recommended)</small></p> <p>Including one unit of Algebra I and one unit of Geometry.</p> <p>Course Descriptions Section - Page 261</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">3.0 credit units</p>
Social Science	<p>Social Science Social Science Social Science <small>(Recommended)</small></p> <p>Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.</p> <p>Course Descriptions Section - Page 279</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">2.0 credit units</p>
Science	<p>Science Science Science <small>(Recommended)</small></p> <p>Course Descriptions Section - Page 271</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">2.0 credit units</p>
Career & Technical Education	<p>Career and Technical Education</p> <p>Course Descriptions Section - Page 293</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">1.0 credit unit</p>
Fine Arts	<p>Fine Arts</p> <p>Course Descriptions Section - Page 249</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">0.5 credit unit</p>
Consumer Education	<p>Consumer Education</p> <p>Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">0.25 credit unit</p>
Physical Education	<p>Physical Education Health Physical Education Physical Education</p> <p>A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*</p> <p>Course Descriptions Section - Page 321</p> <p>Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.</p> <p style="text-align: right; font-size: 24pt; color: #e67e22;">*</p>

Post Secondary

Career Related Electives

- AP Statistics
- College Statistics
- College Entrepreneurship
- Graphic Arts Design
- Robotics

Career Related Activities for the Cybersecurity pathway

- Athletics
- Computers Club
- District Career Days
- District Career Nights
- District Career Treks
- Math Team
- Robot Rumble
- Theatre Tech Crew
- WildStang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Apprenticeship

District 214 set up the Youth Apprenticeship program to establish student apprenticeships with local employers. It is one of the first apprenticeship programs in the country to be created and managed by a school district rather than bringing in external organizations to run the program, according to Jobs for the Future, a leading workforce research organization.

Apprentices are selected for the program in their junior year of high school. They get 20 to 30 hours a month of paid job training during the second semester in addition to college coursework and mentoring. During the summer, they work up to 28 hours a week to expand their skills. At the end of the program, students receive either a federally registered apprenticeship certification or a youth apprenticeship certification in addition to up to a year of college credits.

During the program's pilot year, the District opted to use its own facilities for job placements in cybersecurity, HVAC (heating, ventilation, air conditioning) and automotive services to streamline the process.

Cybersecurity

■ Potential College Programs

- Computer Engineering
- Computer Information Systems
- Computer Science
- Information Technology

■ Work-Based Learning Experiences

- Information Technology Micro Internship
- Information Technology Internship
- Youth Apprenticeship
- Wildstang Robotics

■ Future Careers

- Computer Network Architect and Support Specialist
- Computer Programmer
- Computer Systems Analyst
- Computer User Support Specialist
- Hardware Engineer
- Software Developer
- Web Developer

(METT)

Manufacturing, Engineering, Technology and Trades



Architecture and Construction

Architecture	185
Building Trades	189
Heating, Ventilation and Air Conditioning (HVAC)	193



Manufacturing

Fashion	199
Manufacturing	203



Science, Engineering and Mathematics

Engineering	209
Actuarial Science	213



Transportation, Distribution and Logistics

Automotive Service	219
Aviation	223



Career Pathways

Architecture and Construction



Manufacturing, Engineering, Technology and Trades (METT)

Architecture and Construction

Pathways in Architecture and Construction are designed to prepare students for careers in architecture and the building trades, such as construction, engineering, HVAC, carpentry and plumbing. This career cluster offers multiple certifications in addition to hands-on experience through the District's Practical Architectural Construction (PAC) program.

Pathways

Architecture	185
Building Trades	189
Heating, Ventilation and Air Conditioning (HVAC)	193

Student Spotlight

Interested in interior design, Crystal Jones took the Architecture Pathway as a student at Wheeling High School. Her classes included Project Lead the Way courses in Industrial Engineering Design, Civil Engineering and Architecture, and Principles of Engineering Design.

During her senior year, District 214 introduced Design214, giving students the opportunity to design actual commercial and residential spaces. As a

member of a team that created floor plans for Lewis University's potential new space at Chicago Executive Airport, Crystal learned how to use industry tools and software. She also dealt with real-world areas such as budgets, residential variances and easements, and permitting processes.

“This course has helped me discover my future by **confirming that interior design is something I want to do**. It's helped me grow more excited ... and gain more experience as a designer so I can see what my day-to-day life would be like as a designer.”
- Crystal Jones

Architecture and Construction

Architecture



This pathway is set up to help students become architects, civil engineering technicians, interior designers and landscape architects. Through Project Lead the Way (PLTW) pathway coursework, work-based learning experiences and Harper College certificate offerings in AutoCAD Designer and Revit Architectural Designer, students will be prepared to join the workforce after graduation or to continue with postsecondary training in their chosen fields.

9 10 11 12

Architecture

	PLTW Engineering Essentials	PLTW Civil Engineering and Architecture Geometry in Construction	PLTW Principles of Engineering Design Introduction to Practical Architectural Construction	Design 214: Architectural Design (application required) College Practical Architectural Construction (application required)	
High School District 214 Graduation Requirements					
English	English English English English Course Descriptions Section - Page 235			4.0 credit units	
Mathematics	Mathematics Mathematics Mathematics Mathematics (Recommended) Including one unit of Algebra I and one unit of Geometry. Course Descriptions Section - Page 261			3.0 credit units	
Social Science	Social Science Social Science Social Science (Recommended) Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics. Course Descriptions Section - Page 279			2.0 credit units	
Science	Science Science Science (Recommended) Course Descriptions Section - Page 271			2.0 credit units	
Career & Technical Education	Career and Technical Education Course Descriptions Section - Page 293			1.0 credit unit	
Fine Arts	Fine Arts Course Descriptions Section - Page 249			0.5 credit unit	
Consumer Education	Consumer Education Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses: Personal Finance (06210) - Page 298 , Economics (07830) - Page 283 , AP Economics (07931/07932) - Page 281 , Consumer Education (59940) - Page 329 .			0.25 credit unit	
Physical Education	Physical Education Health Physical Education Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.* Course Descriptions Section - Page 321 Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.			(*)	

Post Secondary

- Career Related Electives**
 - Art 1
 - College Entrepreneurship
 - Graphic Art Design
 - AP Physics C
- Career Related Activities for the Architecture pathway**
 - Athletics
 - Architectural Showcase
 - District Career Days
 - District Career Nights
 - District Career Treks
 - Robot Rumble
 - Skills USA
 - Wildstang FIRST Robotics
- Four-Year University Admission Requirements**
 - English (4 years)
 - Mathematics (4 years)
 - Social Science (3-4 years)
 - Science (2-3 years)
 - World Language (2-3 years)
 - Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

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Design214

The Design214 course gives students interested in building-related careers the opportunity to design a home or building and possibly see their plans come to life.

The goal of the course is to teach students how residential and commercial buildings are planned and constructed. Students learn how to deal with real-world factors when designing these spaces—budgets, residential variances and easements, exterior landscapes and the permitting process.

They also design and draw their own site plans, including floor plans, elevations and kitchen layouts. As part of the course, students are introduced to computer-aided drafting and how it relates to the field of architecture.

The majority of students in Design214 have taken at least one engineering course and want to pursue careers in construction, interior design, architecture or real estate.

The class is taught after school during the second semester at the District office in Arlington Heights.

Architecture

■ Potential College Programs

- Architectural Studies
- Architectural Engineering
- Industrial Design
- Interior Design
- Architectural CAD Certificate
- Civil Engineering

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship

■ Future Careers

- Architect
- Civil Draftsman
- Civil Engineering Technician
- Electrical and Electronics Draftsman
- Engineering Technician
- Interior Designer
- Landscape Architect
- Mechanical Draftsman

Building Trades



Students interested in becoming electricians, plumbers, carpenters, HVACR (heating, ventilation, air conditioning and refrigeration) technicians, construction engineering technicians, civil engineering technicians or building/construction finishers, managers and inspectors can gain hands-on experience through this pathway. Students can take part in industry mentorships, internships, microinternships and practical architectural construction experience.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Building Trades

Computer Aided Design for Architecture, Engineering and Construction

Advanced Computer Aided Design for Architecture, Engineering and Construction

Geometry In Construction

PLTW Engineering Essentials

College Practical Architectural Construction (application required)

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Entrepreneurship
- Introduction to Business
- Small Business Management

Career Related Activities for the Building Trades pathway

- Athletics
- Architectural Showcase
- District Career Days
- District Career Nights
- District Career Treks
- Robot Rumble
- Skills USA
- Wildstang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



PAC program



Practical Architectural Construction (PAC) launched in 1985 as a home construction program that gives students the opportunity to work together to build one single-family home every two years.

The program, a dual credit program with Triton College, offers hands-on experience in all areas of construction, from laying foundations to finishing structures. Under the supervision of program instructors, students get experience in such areas as demolition, flooring, cabinets, tile work, plumbing and electric. The program uses local subcontractors to handle concrete, heating and other more advanced areas.

When the home is finished, it is sold and the proceeds go toward the purchase of a new house for the next project. Single family houses built through this unique program are located in Arlington Heights, Buffalo Grove, Mount Prospect, Prospect Heights, Rolling Meadows and Wheeling.

Students enrolled in PAC can also participate in SkillsUSA, a statewide competition for students involved in the trades.

Building Trades

■ Potential College Programs

- Construction Management
- Construction Technology
- Civil Engineering
- Heating, Air Conditioning, and Refrigeration Technology

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship
- Youth Apprenticeship

■ Future Careers

- Construction Project Manager
- Inspector
- Electrician
- Plumber
- Carpenter
- Heating, Air Conditioning, and Refrigeration Maintenance Technician
- Civil Engineer



Transportation, Distribution and Logistics

Heating, Ventilation & Air Conditioning (HVAC)

Students who want to pursue HVAC careers are offered college-level pathway courses: Heating Principles, Heating and Cooling Controls, and Domestic Refrigeration Appliances. This pathway also offers five industry certificates through Harper College as well as industry mentorships and a paid youth apprenticeship with practical work experience and college-level courses.

Heating, Ventilation and Air Conditioning (HVAC)

9 ▶ 10 ▶ 11 ▶ 12 ▶

HVAC

Fabrication Technology I/II

Intro to Practical Architectural Construction

CAD for Architecture, Engineering and Construction

PLTW - Engineering Essentials

Beginning Welding

College PLTW - Digital Electronics

Advanced Welding

D214 Youth Apprenticeship: HVAC

College Heating Principles

College Introductory Electronics

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Refrigeration Fundamentals
- PLTW - Engineering Essentials
- PLTW - Civil Engineering and Architecture
- College Introductory Electronics (Harper College)
- College Industrial Control Systems (Harper College)
- College Practical Architecture Construction

Career Related Activities for the HVAC pathway

- Athletics
- District Career Days
- District Career Nights
- District Career Treks
- High Mileage Vehicle Club
- Robotics Club
- Skills USA

Four-Year University Admission Requirements

- English (4 years)
 - Mathematics (4 years)
 - Social Science (3-4 years)
 - Science (2-3 years)
 - World Language (2-3 years)
 - Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.**



Apprenticeship



With its Youth Apprenticeship program, District 214 is one of the first high school districts in the country to set up its own apprenticeships for students with local employers rather than bringing in external organizations to manage the program, according to Jobs for the Future, a leading workforce research organization.

Apprentices are selected for the program in their junior year of high school. They get 20 to 30 hours a month of paid job training during the school year in addition to college coursework and mentoring. During the summer, they work up to 28 hours a week to expand their skills. At the end of the program, students receive either a federally registered apprenticeship certification or a youth apprenticeship certification in addition to up to a year of college credits.

During the program's pilot year, the District opted to use its own facilities for job placements in cybersecurity, HVAC (heating, ventilation, air conditioning) and automotive services to streamline the process but has since increased the program by placing apprentices with local employers.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

Heating, Ventilation and Air Conditioning (HVAC)

■ Potential College Programs

- Refrigeration and Air Conditioning Technology
- Residential Heating, Air Conditioning and Refrigeration Certificate
- Residential Comfort Systems Certificate
- Refrigeration Service Certificate
- Heating Service Certificate
- Air Conditioning and Refrigeration Service Certificate

■ Industry Certifications

- Conditioning

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship
- Youth Apprenticeship

■ Future Careers

- Heating, Ventilation and Air Conditioning Service Technician
- Mechanic
- Systems Mechanic



Career Pathways

Manufacturing

Manufacturing, Engineering, Technology and Trades (METT)

Manufacturing

The Manufacturing career cluster teaches students how to plan, manage and process materials into intermediate or final products through production planning and control, maintenance and manufacturing/process engineering. It offers a variety of certification opportunities as well as advanced courses where students can earn college credits.

Pathways

Fashion	195
Manufacturing	199



Oscar Gonzalez

Student Spotlight

Oscar Gonzalez didn't know what manufacturing could offer until he took a course at Elk Grove High School. Soon he was engaged in the Manufacturing Pathway, learning how to work with high-tech tools and complex industrial equipment, such as lathes and mills through Project Lead the Way and college-level courses.

The pathway also gave him the opportunity to meet with area manufacturing professionals through industry site visits and to

compete with other students in the national Skills USA competition. Among the industry certificates he earned was an industry-level safety certification from a national organization verifying his qualifications in the field.

By the time he graduated, Oscar was committed to pursuing manufacturing in college, combining his advanced math skills and with his desire to work with his hands.

“ I ... gained so much knowledge about what the industry looks like, I am always learning something new.” - Oscar Gonzalez



Manufacturing

Fashion

This pathway is open to students interested in becoming costume designers, fabric and apparel patternmakers, fashion designers, pattern designers, textile knitting and weaving machine operators and textile, apparel and furnishings workers. It offers courses in fashion design and fashion construction and provides students the opportunity to earn industry-level certifications in Advanced Patternmaking, Apparel Construction and Textiles.

9 10 11 12

Fashion

Fashion Design

Fashion Construction

College Fashion Merchandising

College Fashion Industry Career Practicum and Seminar

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Entrepreneurship
- Small Business Management
- Graphic Arts
- Photography
- Art 1

Career Related Activities for the Fashion pathway

- Athletics
- Family, Career and Community Leaders of America (FCCLA)
- District Career Days
- District Career Nights
- District Career Treks
- Theater Tech Crew

Four-Year University Admission Requirements

- English (4 years)
 - Mathematics (4 years)
 - Social Science (3-4 years)
 - Science (2-3 years)
 - World Language (2-3 years)
 - Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.**

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

Fashion Construction



The Fashion Construction Pathway provides students with the opportunity to learn how to construct clothing and accessory items that involve basic to more advanced sewing skills, such as skirts, button-down shirts, dresses, jackets, swimwear, jeans, tote bags and more.

In College Fashion Construction, students participate in the Harper College Little Black Dress Competition to gain real-world experience. Advanced students compete in the Harper Challenge Competition, with winning garments featured in the annual Harper Fashion Show.

Students who complete two of the courses can participate of the District's fashion internship program.

All of the program's courses except for Fashion Design are dual credit. They are offered at Buffalo Grove High School and Rolling Meadows High School. Students who are enrolled at other schools in District 214 will travel to one of these schools to take these courses during the school day at no expense to the students.

Fashion

■ Potential College Programs

- Fashion Design
- Fashion Studies
- Fashion Merchandising

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship

■ Future Careers

- Costume Designer
- Fashion Designer
- Stylist
- Fashion Mechandiser
- Fashion Retail Buyer



Manufacturing

Manufacturing

For students seeking careers in the manufacturing sector, this pathway offers four main pathway courses as well as eight high school certifications and nine Harper College certifications. This pathway is designed for students interested in becoming machinists, woodworkers, machine tool operators, tool and die makers, chemical equipment operators, and technicians in a variety of fields.

9 10 11 12

Manufacturing

Fabrication Technology I/II

Introduction to Practical Architectural Construction
CAD for Architecture, Engineering and Construction

PLTW Engineering Essentials

PLTW - Computer Integrated Manufacturing

Beginning Welding

College Advanced Machine Technology

Advanced Welding

College Advanced CNC Manufacturing

High School District 214 Graduation Requirements

English

English | English | English | English

Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)

Including one unit of Algebra I and one unit of Geometry.

Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)

Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.

Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)

Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education

Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts

Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education

Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:

Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education

A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*

Course Descriptions Section - [Page 321](#)

Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

Robotics

PLTW Principles of Engineering

Career Related Activities for the Manufacturing pathway

Athletics

District Career Days

District Career Nights

District Career Treks

High Mileage Vehicle Club

Robot Rumble

Skills USA

Theater Tech Crew

Wildstang FIRST Robotics

Four-Year University Admission Requirements

English (4 years)

Mathematics (4 years)

Social Science (3-4 years)

Science (2-3 years)

World Language (2-3 years)

Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Manufacturing and NASA



District 214's Manufacturing Pathway provides students with state-of-the-art opportunities to earn early college credit and career credentials and complete real-world internships while in high school. In-school manufacturing laboratories, furnished with equipment donated or underwritten by partnering manufacturers, are supported by a curriculum designed in part by manufacturers that know what's needed in the industry.

For example, Buffalo Grove High School's Manufacturing Laboratory is getting a \$1 million, thanks to an alumnus donor, which will make it one of the most innovative labs in the state.

At Wheeling High School, students in manufacturing courses have been able to work directly with NASA, building brackets and handles that will be used on the International Space Station. The pieces will help astronauts move in zero gravity. Wheeling was one of 15 high schools in the country and the only in Illinois to participate.

The Northwest suburbs are home to many manufacturing companies, and a skills gap remains: Companies need well-trained employees to take on family-sustaining careers. District 214's manufacturing curriculum ensures that students who graduate high school are career ready, educating the next generation of manufacturers with the skills for success.

Manufacturing

■ Potential College Programs

- Computer Numerical Control Operator
- Maintenance Mechanic
- Maintenance Technology
- Manufacturing Production
- Manufacturing Technology
- Welding Technology

■ Industry Certifications

- NIMS: Level 1 Certification - Mill Operation
- NIMS: Level I CNC Lathe Operator
- Measurement, Material, and Safety Certification

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship

■ Future Careers

- CNC Machine Operator
- Fabricator
- Machinist
- Manufacturing Production Operator
- Maintenance Mechanic
- Welder



Career Pathways

Science, Technology, Engineering and Mathematics

Manufacturing, Engineering, Technology and Trades (METT)

Science, Engineering and Mathematics

The STEM career cluster is set up for students interested in science, technology, engineering and mathematics. Each pathway is designed to help students progress toward scientific and social science career areas, such as engineering, biology and statistics. Students can earn college credits, certifications and a strong foundation for postsecondary studies.

Pathways

Engineering	209
Actuarial Science	213



Maram Safi

Student Spotlight

Maram Safi was interested in engineering as a child but her decision to pursue a career in the industry came while at Elk Grove High School, where she was exposed to different types of engineering through District 214's Career Pathways program.

As part of the Engineering Pathway, Maram took four years of engineering and manufacturing courses. She also earned several

industry-level certifications while in high school certifying she knew how to use different equipment and machines.

Today, Maram is studying electrical engineering at the University of Illinois at Urbana-Champaign. The transition to college, she says, was smooth because of the real-world experiences the District provides in and out of the classroom.

“ I think everything in high school—all the classes I’ve taken and the connections I’ve made—has prepared me. I’m excited for the future.” - Maram Safi

Science, Engineering and Mathematics

Engineering

The engineering pathway is built on eight core courses, including seven in Project Lead the Way (PLTW), a program that offers as many as 15 college credits. This pathway also offers 10 industry certifications through Harper College as it prepares students for careers in aerospace, agriculture, biomedical, civil, electrical, industrial, mechanical and nuclear engineering.



9 ▶ 10 ▶ 11 ▶ 12 ▶

Engineering

PLTW Engineering Essentials

PLTW - Civil Engineering and Architecture

PLTW - Computer Integrated Manufacturing

College PLTW - Digital Electronics

PLTW - Principles of Engineering

AP Physics C

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Advanced Machine Technology
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Statistics
- Computer Programming, Mobile App and Networking
- AP Computer Science Principles
- Fabrication Technology 1 + 2
- Robotics
- PLTW - Engineering Design and Development
- AP Economics

Career Related Activities for the Engineering pathway

- Athletics
- Computer Club
- District Career Days
- District Career Nights
- District Career Treks
- High Mileage Vehicle Club
- Math Team
- Robot Rumble
- Science Olympiad
- Wildstang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)
- See your counselor regarding admission requirements for highly selective institutions.**



Project Lead the Way



Project Lead the Way is a sequential engineering program that allows students to earn 10+ college credits transferable to many four-year colleges and universities as well as numerous two-year institutions.

PLTW, an eight-semester sequence of courses over four years, covers the foundations of engineering with hands-on practical applications of real engineering concepts. Its mission is to promote the long-term success of a growing and more diverse group of students studying engineering and engineering technology—fields that are experiencing critical shortages.

The program, when combined with traditional high school mathematics and science courses, introduces students to the scope, rigor and discipline of engineering prior to entering a postsecondary institution. Students can take one or all of the program's courses during their highschool careers.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

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Engineering

■ Potential College Programs

- Electronics Engineering Technology
- Agricultural and Biological Engineering
- Bioengineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Engineering Mechanics
- Materials Science and Engineering
- Mechanical Engineering
- Systems Engineering and Design

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship
- Youth Apprenticeship
- Wildstang FIRST Robotics
- High Mileage Vehicle

■ Future Careers

- Aerospace Engineer
- Agricultural Engineer
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Electrical Engineer
- Engineering Technician
- Industrial Engineer
- Mechanical Engineer

Actuarial Science

Students who want to become mathematicians, applied mathematicians, statisticians and survey researchers will get a strong foundation in five core courses: algebra, geometry, precalculus, AP calculus and AP statistics. In addition, nine related electives are offered along with experiences and career-related extracurricular activities such as Math Team, Science Olympiad and WildStang FIRST Robotics.

9 ▶ 10 ▶ 11 ▶ 12 ▶

Recommended Math Sequence

Actuarial Science

Introduction to Business

Finance and Investing

Statistics

AP Computer Science A

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - [Page 235](#)

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - [Page 261](#)

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - [Page 279](#)

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - [Page 271](#)

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - [Page 293](#)

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - [Page 249](#)

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - [Page 298](#), Economics (07830) - [Page 283](#), AP Economics (07931/07932) - [Page 281](#), Consumer Education (59940) - [Page 329](#).

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - [Page 321](#)
Refer to [page 340](#) in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- AP Biology
- AP Chemistry
- Computer Programming, Mobile App and Networking
- AP Computer Science Principles
- AP Economics
- AP Environmental Science
- AP Physics C
- PLTW Engineering Essentials
- PLTW Principles of Engineering
- Introduction to Business

Career Related Activities for the Actuarial Science pathway

- Athletics
- Computer Clubs
- District Career Days
- District Career Nights
- District Career Treks
- Math Team
- Science Olympiad, Wildstang FIRST Robotics

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.



Dual Credit and AP Access



District 214 is committed to offering students a variety of opportunities to earn early college credits while they are in high school. Through the District's early college credit efforts, students can choose from more than 100 early college credit courses, positioning them for success.

Early college credits allow students to simultaneously earn high school and college credit. Students can take early college credit courses on District 214 campuses, although occasionally they may need to attend these classes at an area community college.

Today's economic realities make attaining postsecondary credentials while in high school more important than ever. District 214 is dedicated to preparing students for college and careers while minimizing student debt, with 85 percent of the class of 2019 earning early college credit.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*

Actuarial Science

■ Potential College Programs

- Actuarial Science
- Applied Mathematics
- Statistics and Probability

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship

■ Future Careers

- Actuary
- Analyst
- Insurance Claim Adjuster
- Statistician



Career Pathways

Transportation, Distribution and Logistics

Manufacturing, Engineering, Technology and Trades (METT)

Transportation, Distribution and Logistics

The pathways in this career cluster are designed to prepare students for working in transportation, mobile equipment, facility management and infrastructure planning. Through hands-on experience and college certificate programs, students will be prepared for jobs upon high school graduation or for further education.

Pathways

Automotive Service	219
Aviation	223



Cassandra Thiel

Student Spotlight

While Cassandra Thiel's grandfather owned an auto body shop, she didn't have much experience with cars. As a junior at John Hersey High School, Cassandra decided to take a class on basic automotive maintenance skills.

Discovering a passion for working on cars, Cassandra signed up for the Automotive Service Pathway. She gained experience through

automotive and diagnostic classes as well as an apprenticeship at the Napleton Auto Group. As a senior, she was one of five students selected for the Blueprint Bosch Vocational Scholarship, a \$3,000 award toward college-level career certificates.

Cassandra is now studying automotive technology at the College of Lake County, with plans to one day work at an auto shop or dealership.

“It's the hands-on portion of it that I love. It was something I didn't think I was going to [like] but ... I find that it's something I can do for the rest of my life.” - Cassandra Thiel



Transportation, Distribution and Logistics

Automotive Service

The automotive service pathway provides students with extensive education in automotive systems, diagnostic testing and repairs, engine performance and electrical systems. Through high school- and college-level coursework and related electives, students have access to career-related activities, a paid youth apprenticeship and work-based learning experiences. The pathway also offers 11 high school certificates and five industry certificates through Harper and Triton College.

9 ▶ **10** ▶ **11** ▶ **12** ▶

Automotive Service

Automotive Systems

Diagnostic Testing and Repair

College Vocational Automotive

Work-Based Learning Experience: Apprenticeship (application required)

Power-on-Site Training

High School District 214 Graduation Requirements

English

English | English | English | English
Course Descriptions Section - Page 235

4.0 credit units

Mathematics

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)
Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science

Social Science | Social Science | Social Science (Recommended)
Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science

Science | Science | Science (Recommended)
Course Descriptions Section - Page 271

2.0 credit units

Career & Technical Education

Career and Technical Education
Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Fine Arts
Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Consumer Education
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education

Physical Education | Health | Physical Education | Physical Education
A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321
Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- College Advanced Machine Technology
- College Automotive Engine Performance and Electrical Systems
- PLTW - Digital Electronics
- PLTW Engineering Essentials
- Power On-Site Training
- Fabrication Technology 1 + 2

Career Related Activities for the Automotive Service pathway

- Athletics
- Auto Club
- District Career Days
- District Career Nights
- District Career Treks
- High Mileage Vehicle Club
- Robotics Club
- Skills USA
- Team Manager

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Automotives



District 214 offers automotive service classes not only for students planning to pursue a career in this area but also for those who want to learn the basics every automotive consumer should know.

The Automotive Service Pathway starts with the Automotive Systems Course. This class is designed to introduce future automotive consumers to automotive systems, preventative maintenance and what to expect while owning and driving a vehicle. They also get hands-on experience working on cars.

Students who want to pursue a career in this area then take Diagnostic Testing and Repair. College-level courses are offered in the third and fourth years of the pathway, with opportunities to earn college credits and numerous industry certifications.

The District also works with students to set up apprenticeships to give them get real-life experience working with master technicians at local auto shops and dealerships.

Automotive Service

■ Potential College Programs

- Automotive Technology
- Brake and Suspension
- Engine Performance
- Aviation Maintenance Technology

■ Industry Certifications

- Snap-On
- NC3 Digital Multi-Meter Certification
- ASE Student Certification-A1: Engine Repair
- ASE Student Certification-A2: Automatic Transmission/Transaxle
- ASE Student Certification-A3: Manual Drivetrain and Axles
- ASE Student Certification-A4: Suspension and Steering
- ASE Student Certification-A5: Brakes
- ASE Student Certification-A6: Electrical/Electronic Systems
- ASE Student Certification-A7: Heating and Air Conditioning
- ASE Student Certification-A8: Engine Performance

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship
- Youth Apprenticeship

■ Future Careers

- Aircraft Maintenance Technician
- Automotive Service Technician
- Autobody Collision Repairer
- Mechanic

Aviation

This pathway prepares students for postsecondary education and careers in aerospace engineering, aircraft maintenance, airfield operations, air traffic control and avionics. Five pathway courses are offered, including college-level courses in Aviation Fundamentals and Aviation Physics I, as well as three related electives and work-based learning experiences.



9 10 11 12

Aviation

Automotive Systems

PLTW Engineering Essentials

College PLTW Aerospace Engineering

Physics

AP Physics 1

College Aviation Academy at Chicago Executive Airport (application required)

High School District 214 Graduation Requirements

English | English | English | English

Course Descriptions Section - Page 235

4.0 credit units

Mathematics | Mathematics | Mathematics | Mathematics (Recommended)

Including one unit of Algebra I and one unit of Geometry.
Course Descriptions Section - Page 261

3.0 credit units

Social Science | Social Science | Social Science (Recommended)

Must include one year of U.S. History or combination of U.S. History and American Government and one semester civics.
Course Descriptions Section - Page 279

2.0 credit units

Science | Science | Science (Recommended)

Course Descriptions Section - Page 271

2.0 credit units

Career and Technical Education

Course Descriptions Section - Page 293

1.0 credit unit

Fine Arts

Course Descriptions Section - Page 249

0.5 credit unit

Consumer Education

Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
Personal Finance (06210) - Page 298, Economics (07830) - Page 283, AP Economics (07931/07932) - Page 281, Consumer Education (59940) - Page 329.

0.25 credit unit

Physical Education | Health | Physical Education | Physical Education

A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education.*
Course Descriptions Section - Page 321

Refer to page 340 in Academic Policies and Procedures section regarding substitutions for physical education.



Post Secondary

Career Related Electives

- Fabrication Technology 1 & 2
- PLTW Digital Electronics
- AP Physics C

Career Related Activities for the Aviation pathway

- Athletics
- Auto Club
- District Career Days
- District Career Nights
- District Career Treks
- High Mileage Vehicle Club
- Robotics Club
- Skills USA
- Team Manager

Four-Year University Admission Requirements

- English (4 years)
- Mathematics (4 years)
- Social Science (3-4 years)
- Science (2-3 years)
- World Language (2-3 years)
- Fine Arts (1-2 years)

See your counselor regarding admission requirements for highly selective institutions.

Honors, Advance Placement and Dual Credit courses are offered throughout the curriculum. Please consult with your high school counselor for the latest information regarding course offerings, scheduling and registration for all career pathways and courses.

**This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110,5/27-6 and 23 Ill. Adm. Code Section 1.425).*



Aviation Academy

Aviation Academy is a unique program developed by District 214 to meet the strong demand for highly qualified aviation professionals and numerous regional opportunities for careers in the aviation industry. The program, which is held at Chicago Executive Airport in Wheeling, recruits District students interested in pursuing a career in aviation and ensures they are highly qualified for aviation positions.

As part of their participation in District 214's Aviation Pathway, students receive a sequence of aviation-specific courses, dual credit opportunities and external internship experiences. The District partners with Lewis University to offer dual credit courses that allow students to earn both high school and college credit and begin their pathway to certification and a future career in the aviation industry.

Students can achieve certifications in 12 to 18 months and earn an average starting salary of \$60,000.

Aviation

■ Potential College Programs

- Aeronautical Engineering
- Air Traffic Control Management
- Aviation Administration
- Aviation Flight Technology
- Aviation Flight Management
- Aviation Maintenance Technology

■ Work-Based Learning Experiences

- Manufacturing, Engineering, Technology and Trades Micro Internship
- Manufacturing, Engineering, Technology and Trades Internship
- Youth Apprenticeship

■ Future Careers

- Aerospace Engineer
- Aircraft Maintenance Technician
- Air Crew Member
- Airfield Operations Specialist
- Air Traffic Controller
- Avionics Technician
- Pilot



Course Descriptions

2024-2025 HIGH SCHOOL DISTRICT 214



■ Course Descriptions

English 235

Advanced Composition	03280	237
Advanced Creative Writing and Literary Publication	02011/02012	237
Advanced Multimedia Communication	09120	237
Advanced Multimedia Practicum	09480	237
Advanced Multimedia Production	09210	237
Advanced Multimedia Storytelling	09430	237
Advanced Reading	03200	237
American Literature and Composition	03471/03472	237
American Literature and Composition	03481/03482	237
American Literature and Composition-Integrated	04181/04182	237
AP English Language and Composition	03971/03972	237
AP English Literature and Composition	04051/04052	237
British Literature Survey	03570	238
CAT-Composition	04121/04122	238
College Composition	63290	238
College Intro to Mass Communication	60410	238
College Literature: Stories Matter	61710	238
College Speech Communication	63890	238
College Summer Theatre Performance	66100	239
College Summer Theatre Tech	06620	239
Contemporary American Text	03780	239
Contemporary Literature	03620	239
Creative Writing	03910	239
English Composition	03900	239
ESL 1	08031/08032	240
ESL 1 Strategies	08021/08022	240
ESL 2	08051/08052	240
ESL 2 Strategies	08041/08042	240
ESL 3	08071/08072	240
ESL 3 Strategies	08061/08062	240
ESL Tutorial	08081/08082	240
Folklore, Myth and Legend	03700	242
Honors World Literature and Composition	03851/03852	242
Honors Written and Oral Communication	03991/03992	242
Humanities/Composition	04131/04132	242
Humanities/Fine Arts	03600	242
Humanities/Literature 1	03580	242

227

Humanities/Literature 2	03590	242
Introduction to ESL 1: Reading	08011/08012	243
Introduction to ESL 1: Writing	08001/08002	243
Introduction to Multimedia Communications	09000	243
Introduction to Rhetoric	11061/11062	243
Language Arts and Oral Communication 1	02140	243
Language Arts and Oral Communication 2	02150	243
Language Arts 3	02160	243
Language Arts 4	02170	244
Multicultural Literature	03760	244
Multiculturalism/Creative Writing	04141/04142	244
Multimedia Academy	09490	244
Multimedia Practicum	09270	244
Multimedia Production	09200	244
Multimedia Storytelling	09290	244
Philosophical Literature	03640	244
Popular Literature	03740	246
Professional Written Communications	03880	246
Reading and Writing 1	01981/01982	246
Reading and Writing 2	02001/02002	246
Reading Laboratory	02111/02112	246
Senior English	02131/02132	246
Short Story	03730	246
World Literature and Composition	03831/03832	247
World Literature and Composition	03841/03842	247
World Literature and Composition Integrated	04171/04172	247
Writing and Oral Communication Integrated	04161/04162	247
Written and Oral Communication	02101/02102	247
Written and Oral Communication	02561/02562	247
Yearbook 1	03150	247
Yearbook 2	03160	247
Yearbook 3	03170	248
Yearbook 4	03180	248
Yearbook 5	03320	248
Yearbook 6	03330	248
Yearbook 7	03340	248
Yearbook 8	03350	248

Fine Arts 249

2-D Art 1	01360	250
2-D Art 2	01370	250
2-D Art 3	01380	250
3-D Art 1	01330	250
3-D Art 2	01340	251
3-D Art 3	01350	251
Acting 1	03060	251
Acting 2	03070	251
Acting 3	03300	251
Acting 4	03310	251
Advanced Art 1	01940	251
Advanced Art 2	01950	251
Advanced Art Animation	01460	252
Advanced Guitar Workshop	01761/01762	252
Advanced Imaging 1	01390	252
Advanced Imaging 2	01400	252
Advanced Mixed Choir	01591/01592	252
Advanced Photography Studio	01490	252
Advanced Three-Dimensional Art Studio	01211/01212	252
Advanced Two-Dimensional Art Studio	01201/01202	253
Advanced Theater Workshop	01740	253
AP 2-D Art and Design	01171/01172	253
AP 3-D Art and Design	01181/01182	253
AP Art History	01441/01442	253
AP Drawing	01191/01192	253
AP Music Theory	01681/01682	253
AP Studio Art Drawing	01291/01292	253
Art 1	01011/01012	254
Art Portfolio 1	01270	254
Art Portfolio 2	01280	254
Art Survey	01250	254
Beginning Choir	01501/01502	254
Beginning Mixed Choir	01571/01572	254
Beginning Strings	01821/01822	254
Cadet Marching Band	01751/01752	254
College Introduction to Visual Art	62990	256
Concert Orchestra	01791/01792	256
Concert/Marching Band	01771/01772	256
Fine Arts Workshop	03051/03052	256
Graphic Arts Design	01260	256
Guitar 1	01841/01842	256
Guitar 2	01851/01852	256
Guitar Ensemble	01861/01862	256
Instrumental Ensemble	01811/01812	257

Intermediate Art 1	01920	257
Intermediate Art 2	01930	257
Intermediate Mixed Choir	01581/01582	257
Introduction to 3-D Art	01310	257
Introduction to Art Animation	01450	257
Introductions to the Fine Arts 1	01410	257
Jazz Band	01801/01802	257
Music Workshop	01510	258
Orchestra	01831/01832	258
Orchestral Winds and Percussion	01891/01892	258
Photography 1	01220	258
Photography 2	01230	258
Photography 3	01240	258
Sculpture 1	01140	258
Sculpture 2	01150	258
Sculpture 3	01160	260
String Ensemble	01901/01902	260
Technical Theatre	03080	260
Symphonic/Marching Band	01781/01782	260
Treble Choir	01541/01542	260
Vocal Ensemble 1	01631/01632	260
Vocal Ensemble 2	01641/01642	260

Mathematics 261

Algebra	04620	262
Algebra	04630	262
Algebra	04700	262
Algebra	04710	262
Algebra II	04740	262
Algebra II	04750	262
Academic Interventions in Mathematics (AIM)	11251/11252	263
AP Calculus AB	04861/04862	263
AP Calculus BC	04961/04962	263
AP Statistics	04881/04882	263
Calculus 3	04981	263
College Algebra	64400	263
College Calculus 3	64981	263
College Math: A Human Endeavor	64680	264
College Differential Equations	64982	264
College Statistics	64450	264
Data Modeling	04201/04202	264
Differential Equations	04982	264
Geometry	04640	264
Geometry	04650	266

Geometry	04720	266
Geometry	04730	266
Geometry in Construction	04421/04422	266
Honors Algebra II	04800	266
Honors Algebra II	04810	266
Honors Algebra II/Precalculus	04900	266
Honors Algebra II/Precalculus	04910	266
Honors Geometry	04820	267
Honors Geometry	04830	267
Honors Geometry	04920	267
Honors Geometry	04930	267
Honors Precalculus	04840	267
Honors Precalculus	04850	267
Honors Precalculus/Calculus A	04940	267
Honors Precalculus/Calculus A	04950	268
Intermediate Algebra	04660	268
Mathematical Analysis	04441/04442	268
Mathematical Applications	04561/04562	268
Mathematical Applications 101	04971/04972	268
Mathematics 1	04460	268
Mathematics 2	04470	268
Mathematics 3	04480	268
Mathematics 4	04490	270
Mathematics 50	04500	270
Mathematics 51	04510	270
Mathematics 52	04520	270
Mathematics 53	04530	270
Mathematics 54	04540	270
Mathematics 55	04550	270
Probability and Statistics	04780	270

Science 271

Advance Space Science	05330	272
Advanced Biology	05341/05342	272
Agricultural Biology	07981/07982	272
AP Biology	05411/05412	272
AP Biology (Lab)	05421/05422	273
AP Chemistry	05451/05452	273
AP Chemistry (Lab)	05461/05462	273
AP Environmental Science	05431/05432	273
AP Physics 1	05201/05202	273
AP Physics C	05441/05442	273
AP Physics C (Lab)	05501/05502	273
Applications of Sustainability	11190	273
Biology	05021/05022	274

Biology 504	05041/05042	274
Chemistry	05111/05112	274
Chemistry 514	05141/05142	274
College Geospatial Technology	67920	274
College Introduction to Human Anatomy and Physiology	68340	274
College Introduction to Nanotechnology	66461/66462	275
Ecology	05260	275
Environmental Science	05250	275
Experiential Medical Physiology and Biochemistry	05000	275
Forensic Science	11230	275
Genetics	05180	275
Honors Agricultural Biology	57981/57982	275
Honors Biology	05031/05032	275
Honors Chemistry	05121/05122	276
Honors Medical Physiology and Biochemistry	05130	276
Honors Physical Science	05561/05562	276
Honors Physics	05171/05172	276
Honors Physics in Healthcare	08160	276
Human Physiology	05280	276
Human Physiology 2	05360	276
Introduction to Sustainability, Energy, Environment & Data	11180	276
Oceanography	05270	278
Physical Science	05071/05072	278
Physics	05161/05162	278
Physics	05191/05192	278
Zoology	05310	278

Social Science 279

Advanced Legal Concepts	07910	280
American Law	07790	280
American Studies: U.S. History	07611/07612	280
AP African American Studies	11241/11242	280
AP Economics – Micro & Macro	07931/07932	281
AP European History	07671/07672	281
AP Human Geography	09351/09352	281
AP Psychology	07761/07762	281
AP U.S. Government and Politics	07871/07872	281
AP U.S. History	07661/07662	281
AP World History	07651/07652	281
Civics	59950	281
College Legal Research and Argument	69590	282
College Macroeconomics	67930	282

College Microeconomics	67940	282
College Middle Eastern Politics	67850	282
College World Religions	67630	282
Constitutional Law	07890	283
Criminal and Civil Law	07880	283
Economics	07830	283
Honors Human Geography	09421/09422	283
Honors Latin American Studies	16990	283
Human Geography	09301/09302	284
Human Geography	09311/09312	284
Human Geography Integrated	11201/11202	284
Latin American History	07000	284
Latin American Studies	06990	284
Political Science	07840	284
Psychology 1	07740	284
Psychology 2	07750	285
Social Science	07561/07562	285
Sociology	07700	285
Sociology 1	07710	285
Sociology 2	07720	285
Sociology of Service Learning – Fall	09330	285
Sociology of Service Learning-Spring	09340	285
U.S. History	07641/07642	285
U.S. History	09381/09382	286
World History	07581/07582	286
World History	09371/09372	286
World Religions 1	07810	286
World Religions 2	07820	286
World Studies: Social Science	07571/07572	286

World Languages 287

American Sign Language 1 & 2	60271/60272	288
AP Chinese Language and Culture	07301/07302	288
AP French Language	07101/07102	288
AP German	07201/07202	288
AP Italian Language and Culture	07261/07262	289
AP Japanese Language and Culture	07291/07292	289
AP Spanish Language	07431/07432	289
AP Spanish Literature	07371/07372	289
Balto-Slavic Language for Heritage Speakers 2	11211/11212	289
College Intermediate Spanish-1/2	67381/67382	289
French 1	07001/07002	289
French 2	07021/07022	289
German 1	07121/07122	290

German 2	07131/07132	290
Honors French 3	07061/07062	290
Honors French 4	07081/07082	290
Honors German 3	07161/07162	290
Honors German 4	07181/07182	290
Honors Italian 3	07031/07032	290
Honors Italian 4	07041/07042	291
Honors Japanese 3	07591/07592	291
Honors Japanese 4	07601/07602	291
Honors Mandarin Chinese 3	07241/07242	291
Honors Mandarin Chinese 4	07311/07312	291
Honors Spanish 3	07391/07392	291
Italian 1	07451/07452	291
Italian 2	07461/07462	291
Japanese 1	07501/07502	292
Japanese 2	07511/07512	292
Spanish 1	07331/07332	292
Spanish 2	07341/07342	292
Spanish for Heritage Learners 2	07361/07362	292

Career and Technical Education 293

Agriculture, Food, and Natural Resources	294	
College Sustainable Urban Agriculture	68390	294
Food Science	08350	294
Introduction to Agriculture Pathway	08360	294
Veterinary Science	04370	294
Veterinary Science II	08380	294
Veterinary Assisting	11170	295
Arts, Audiovisual Technology and Communication	295	
College Advanced Graphic Arts	66301/66302	295
Digital Media Production	09531/09532	295
Graphic Arts Design	06440	295
Graphic Arts Technology 1	06250	295
Graphic Arts Technology 2	06260	295
Graphic Arts Technology 3	06270	296
Graphic Arts Technology 4	06280	296
Media Technology 1	06950	296
Media Technology 2	06960	296
Media Technology 3	06970	296
Media Technology 4	06980	296
Production & Editing 1	09540	296
Production & Editing II	09550	297

Finance and Business Services / Finance / Marketing	297
College Accounting	65551/65552 297
College Business	65641/65642 297
College Entrepreneurship 1	65681/65682 297
College Financial Accounting	65550 297
College Managerial Accounting	65560 297
College Principles of Marketing	65733 298
Entrepreneurship 2	05751/05752 298
Finance and Investing	11253 298
Introduction to Business	05601/05602 298
Marketing	05733 298
Personal Finance	06210 298
Small Business Management	05740 298
Hospitality and Tourism	300
Advanced Culinary Arts	57900 300
College Culinary Arts/ProStart 1	65711/65712 300
College Culinary Arts/ProStart 2	65801/65802 300
College ProStart Internship	60801/60802 300
Introduction to Culinary Arts	57800 300
Career Development	301
Career Development Academy	02891/02892 301
Career Education Internship 1	06611/06612 301
Career Exploration	06500 301
Career Skills Training	03371/03372 301
Cooperative Work Training 1	06511/06512 301
Cooperative Work Training Internship 1	06521/06522 301
Employee Development	03381/03382 302
Interrelated Career Education 1	06601/06602 302
Work Experience	03400 302
Work Orientation 1	09731/09732 302
Work Orientation 2	09741/09742 302
In School Work	09761/09762 302
Information Technology	302
Advanced Concepts in Coding and Development	10301/10302 302
Advanced Network Systems and Cybersecurity	10401/10402 302
AP Computer Science Principles/Mobile	10601/10602 304
AP Computer Science-A	09091/09092 304
College A+ Hardware	66740 304
College A+ Operating Systems Technology	66800 304
College Advanced Network Systems and Cybersecurity	60401/60402 304
College Computer Networking	66810 304
College Cybersecurity and Mobility	66241 305
College IT Fundamentals	60740 305

Computer Programming, Mobile App, and Networking	09040/09050 305
Cybersecurity and Mobility	06242 305
Health Sciences	306
College Nursing Assistant Training	68171/68172 306
Introduction to Healthcare Field 1	08181/08182 306
Introduction to Healthcare Field 2	08190 306
Medical Science Academy	09861/09862 306
Medical Terminology	08211/08212 307
Education and Training	307
College Applied Educational Psychology	78350 307
College Education in a Diverse Society	69970 307
College Inquiry into Teaching	69620 307
College Introduction to Education	60700 307
Foundation of Learning and Development	09610 308
Husky Inn	05841/05842 308
Introduction to Preschool	06700 308
Introduction to Teaching Methods	09620 308
Practicum in Early Childhood Education 3	05820 308
Practicum in Early Childhood Education 4	05830 308
Human Services	308
Cosmetology	06781/06782 308
Sociology of Marriage and Family	05940 309
Law, Public Safety, Corrections and Security	309
College Fire Behavior and Combustion	60140 309
College Introduction Fire Science	60130 309
College Introduction to Corrections	60120 309
College Introduction to Criminal Justice	60100 309
Micro Internship / Internship / Apprenticeship	309
Agriculture/Foods/Natural Science Micro Internship	49530 309
Arts and Communication Micro Internship	49540 310
Finance and Business Services Micro Internship	49550 310
Health and Science Technology Micro Internship	49560 310
Human and Public Service Micro Internship	49570 310
Information Technology Micro Internship	49580 310
Manufacturing and Engineering Technology Micro Internship	49590 310
Agriculture/Foods/Natural Science Internship	49600 311
Arts and Communication Internship	49610 311
Finance and Business Services Internship	49620 311
Health and Science Technology Internship	49630 311
Human and Public Service Internship	49640 311
Information Technology Internship	49650 312
Manufacturing and Engineering Technology Internship	49660 312

Agriculture/Foods/Natural Science Apprenticeship	11101/11102 312
Arts and Communication Apprenticeship	11111/11112 312
Finance and Business Services Apprenticeship	11121/11122 312
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Course Descriptions

English

English



Advanced Composition 03280

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Completion of Language Arts Core Curriculum			

Students will work through all aspects of the writing process and complete a variety of papers, including a research paper. Students will complete critical, analytical, and model reading assignments. This course meets the language arts graduation requirement.

Advanced Creative Writing and Literary Publication 02011/02012

Grade Level	11-12	Credit/Semester	0.5	
Prerequisite	03910 or Division Head Approval			

Students will continue to write poetry, prose, creative nonfiction, and drama as a continuation and expansion of Creative Writing. Additionally, students will have experience with the school's literary magazine, publications, and contest entries. This course does not fulfill an English graduation requirement. This course may be repeated for credit.

Advanced Multimedia Communication 09120

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	None			

Students will build upon practices and techniques used in Introduction to Multimedia Communication, emphasizing advanced multimedia communication elements in print, podcasting, streaming, photography, broadcast journalism, layout design, social media, and the study of law and ethics of mass media. This course will include five hours of fieldwork and continue to expose students to career opportunities. This is the second course in the Multimedia Communications Pathway.

Advanced Multimedia Practicum 09480

Grade Level	12	Credit/Semester	0.5	
Prerequisite	None			

Students will build upon media production skills learned in Multimedia Practicum while also learning new tools, techniques, and processes in their roles as writers or editors, web and social media content creators, photographers, artists or designers.. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the eighth course in the Multimedia Communications Pathway.

Advanced Multimedia Production 09210

Grade Level	10-12	Credit/Semester	0.5	
Prerequisite	None			

Students will build on practices and techniques used in Multimedia Production, exploring more advanced opportunities to create and refine productions across multiple media platforms. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the fourth course in the Multimedia Communications Pathway.

Advanced Multimedia Storytelling 09430

Grade Level	11-12	Credit/Semester	0.5	
Prerequisite	None			

Students will build upon practices and techniques learned in Multimedia Storytelling by using a variety of accessible technology to produce, edit and post compelling, original digital content. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the sixth course in the Multimedia Communications Pathway.

Advanced Reading 03200

Grade Level	10-12	Credit/Semester	0.5	
Prerequisite	None			

Students will examine various genres and refine their reading and writing skills to meet the demands of college level work with an emphasis on the techniques of speed, overview, and critical reading while developing their vocabulary and study skills. This course meets the language arts graduation requirement.

American Literature and Composition 03471/03472

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore and analyze a modified version of the traditions, techniques, and genres of American literature with emphasis on writing. Students will acquire skills in grammar usage/mechanics, analytic reading techniques, rhetorical analysis, and vocabulary development. This course meets the language arts graduation requirement.

American Literature and Composition 03481/03482

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore and analyze traditions, techniques, and genres of American literature with emphasis on writing. Students will further develop their skills in grammar usage/mechanics, analytic reading techniques, rhetorical analysis, and vocabulary development. This course meets the language arts graduation requirement.

American Literature and Composition-Integrated 04181/04182

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent Enrollment in 07611/07612			

Students will analyze traditions, techniques, and genres of American literature with emphasis on writing. Students will further develop their skills in grammar usage/mechanics, analytic reading techniques, rhetorical analysis, and vocabulary development. This course is taken in an integrated format with U.S. History. This course meets the language arts/social science graduation requirements.

AP English Language and Composition 03971/03972

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will learn to read complex American texts from a variety of historical periods and disciplines noting the writers' use of resources of language to achieve their purposes. Students will apply this knowledge to their own writing, considering the interactions between a writer's subject, purpose, and audience expectations. This course meets the language arts graduation requirement.

AP English Literature and Composition 04051/04052

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will engage in intensive literary analysis and discussion of selected literary classics. Students will produce sophisticated literary analysis essays emphasizing critical and analytical approaches. This course meets the language arts graduation requirement.

British Literature Survey 03570

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will examine significant writers, works, and literary trends from the beginnings of English literature. Students will acquire the skills to analyze and discuss British literature. This course meets the language arts graduation requirement.

CAT-Composition 04121/04122

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will engage in the study of contemporary American literature, analytic reading, and composition. Students will work through all aspects of the writing process and complete a variety of papers, including a research paper. This course meets the language arts graduation requirement.

College Composition 63290

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Minimum high school GPA of 3.0 or a minimum ACT-English score of 18 or SAT EBRW score of 430			

Students will write expository prose and engage in the critical reading of nonfiction prose. Students will further develop their skills in grammar usage/mechanics, analytic reading techniques, and rhetorical analysis. This course meets the language arts graduation requirement. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Introduction to Mass Communication 60410

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be provided a survey of the current media landscape including television, radio, film, mobile communication, recorded music, and new media. The course examines the historical context for and theoretical perspectives of electronic and emergent media in the 20th and 21st centuries. Additionally, the course traces the interrelated nature of the media industry and producers, mediated messages, and audiences to examine how these changing relationships impact the mediated landscape. No print journalism covered. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Literature: Stories Matter 61710

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	63290 or 03971/03972			

Students will study a variety of literary texts that engage some of the most vital topics in our world today. Students will produce sophisticated literary analysis essays emphasizing critical and analytical approaches. This course meets the language arts graduation requirement. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Speech Communication 63890

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will study the theory and practice of oral communication. Students will develop the necessary skills with emphasis on frequent speaking, development of standards of criticism, and selection and organization of supporting evidence and materials. This course meets the language arts graduation requirement. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.



College Summer Theatre Performance 66100

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will engage in a comprehensive experience in performance theatre arts. Students must perform as a course requirement. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

College Summer Theatre Tech 66200

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will engage in a comprehensive technical experience in performance theatre arts. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

Contemporary American Text 03780

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will study contemporary American literature, analytic reading, and composition through cultural texts. This course meets the language arts graduation requirement.

Contemporary Literature 03620

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Student will study the movements, themes, and styles developed in recent literature. Students will read daily, participate in analytical discussions, and write essays interpreting, analyzing, or comparing works of established authors. This course meets the language arts graduation requirement.

Creative Writing 03910

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will receive the foundational skills to write poetry, prose, creative nonfiction, and drama. Additionally, students will have the opportunity to write for various publications and contest entries. This course meets the language arts graduation requirement.

English Composition 03900

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will utilize a variety of writing experiences designed to understand new concepts to develop increased writing, reading, and research skills. Students will study and compose papers based on models for persuasion, classification, narration, and literary analysis. This course meets the language arts graduation requirement.

English

ESL 1 **08031/08032**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement into this course is based on ACCESS/WIDA Screener English language proficiency assessment scores, or successful completion of Introduction to ESL and teacher recommendation.		

Students will participate in activities that develop basic skills in listening, speaking, reading and writing. This course meets an English graduation required credit.

ESL 1 Strategies **08021/08022**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement is based on ACCESS /WIDA Screener English language proficiency assessment scores and teacher recommendation.		

Students will participate in activities that reinforce the literacy skills currently taught in ESL 1. In addition, students will learn practical reading strategies and study skills. This course meets an elective graduation required credit.

ESL 2 **08051/08052**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation.		

Students will participate in activities that focus on developing intermediate skills in listening, speaking, reading and writing. This course meets an English graduation required credit.

ESL 2 Strategies **08041/08042**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation.		

Students will learn practical reading strategies and study skills. This course meets an elective graduation credit.



ESL 3 **08071/08072**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation.		

Students will participate in activities that focus on developing more advanced skills in listening, speaking, reading and writing. This course meets an English graduation required credit.

ESL 3 Strategies **08061/08062**

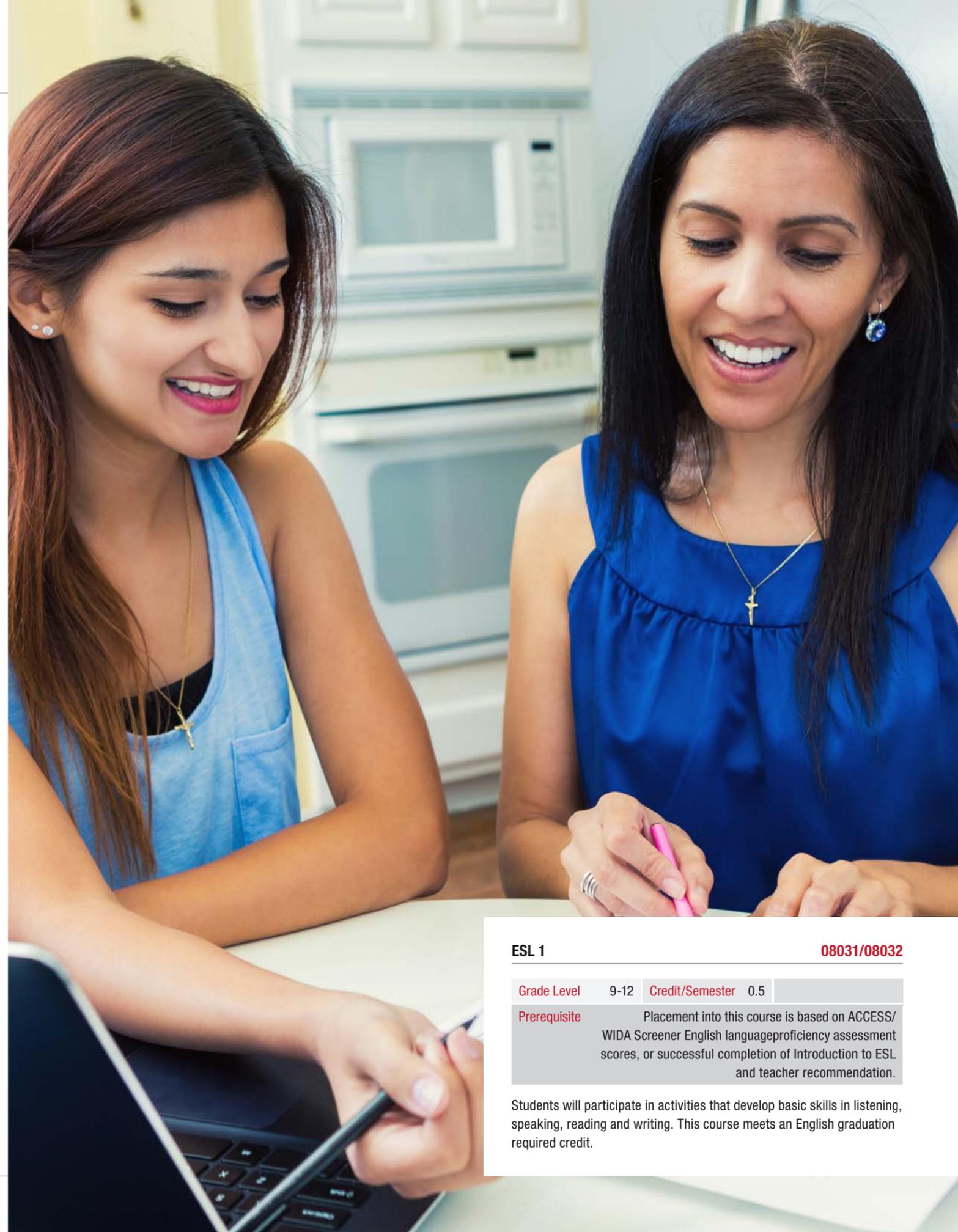
Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation.		

Students will learn practical reading strategies and study skills. This course meet an elective graduation required credit.

ESL Tutorial **08081/08082**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will receive support to help them achieve ESL course outcomes. This course meets one of the elective graduation requirements.



ESL 1 **08031/08032**

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Placement into this course is based on ACCESS/WIDA Screener English language proficiency assessment scores, or successful completion of Introduction to ESL and teacher recommendation.		

Students will participate in activities that develop basic skills in listening, speaking, reading and writing. This course meets an English graduation required credit.

Folklore, Myth and Legend 03700

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn various myths, legends, fables, and folklore that form the background and tradition of our literary heritage. Students will study both thematic and chronological and may emphasize either classical or American cultural foundation. This course meets the language arts graduation requirement.

Honors World Literature and Composition 03851/03852

Grade Level	10	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will examine a vast array of sophisticated world literature through the study of its traditions, techniques, and genres. Students will receive accelerated instruction in the writing process. Students will receive additional support in basic reading, writing skills, and vocabulary. This course meets the language arts graduation requirement.

Honors Written and Oral Communication 03991/03992

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will engage in highly advanced written and oral communication skills. Students will be actively involved in research methodology, writing, and speaking. Students will review accelerated grammar and usage, study vocabulary, read selected fiction and nonfiction texts, and utilize technology to develop multimedia presentations. This course meets the language arts graduation requirement and the Illinois State Computer Literacy graduation requirement.



Humanities/Composition 04131/04132

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will study literature, sculpture, painting, architecture, music, and philosophy not in isolation but as products of historical forces that shape their forms and meanings. Students will also experience college preparatory writing, including a research paper. This course meets the language arts graduation requirement.

Humanities/Fine Arts 03600

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will focus on the interrelationship of art, music, literature, history, and philosophy from ancient times through the Renaissance. Students will examine art works and ideas and read, write, discuss, and analyze extensively. This course meets the language arts and fine arts graduation requirement.

Humanities/Literature 1 03580

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will examine the arts in the context of the societies that created them. Students will study literature, sculpture, painting, architecture, music, and philosophy as products of historical forces that shape their forms and meanings. This course meets the language arts graduation requirement.

Humanities/Literature 2 03590

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will continue with the study of Humanities/Literature 1 and further examine the arts in the context of the societies that created them focusing on the Renaissance to modern times. Students will study literature, sculpture, painting, architecture, music, and philosophy as products of historical forces that shape their forms and meanings. This course meets the language arts graduation requirement.

Introduction to ESL 1: Reading 08011/08012

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Concurrent Enrollment in 8001/8002			

Students will participate in activities developing basic skills in listening, speaking, reading and writing. This course meets one of the English graduation requirements. Placement into this course is based on ACCESS/WIDA Screener assessment.

Introduction to ESL 1: Writing 08001/08002

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Concurrent Enrollment In 08011/08012			

Students will participate in activities developing basic skills in listening, speaking, reading and writing. This course meets one of the English graduation requirements. When taken in conjunction with Introduction to ESL 1 Reading this course meets an elective graduation credit. Placement into this course is based on ACCESS/WIDA Screener assessment.

Introduction to Multimedia Communications 09000

Grade Level	9-12	Credit/Semester	0.5	NCAA	No
Prerequisite	None				

Students will explore a broad range of multimedia communication elements including print, podcasting, streaming, photography, broadcast journalism, layout design, social media, and the study of law and ethics of mass media. This course will include five hours of fieldwork and expose students to career opportunities. This is the first course in the Multimedia Communications Pathway. Credit earned in this course does not apply to the number of credits required in English. However, the credit does apply towards graduation credit.

Introduction to Rhetoric 11061/11062

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will read, analyze, discuss and critically respond to non-fiction texts that may be organized around themes, critical issues or concepts that direct students' focus to larger ideas in this writing intensive course. Students will write in a variety of modes, both formal and informal, for a variety of audiences, developing a sense of personal style and an ability to analyze the arguments and style of a given text, and articulate their response to that text in an engaging and academic style.

Language Arts and Oral Communication 1 02140

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Division Head Approval			

Students will focus on increased reading decoding and comprehension skills. Students will also practice beginning writing skills such as writing complete sentences, letters and short reports, spelling, and grammar. Upon successful completion of this course, it is recommended that students take Language Arts and Oral Communication 2 (02150).



Language Arts and Oral Communication 2 02150

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Division Head Approval			

Students will address skills to increase reading decoding and comprehension skills. Students will practice beginning writing skills such as writing complete sentences, letters and short reports, spelling and grammar. Upon successful completion of this course, it is recommended that students take Preparatory Language Arts 3 (02160).

Language Arts 3 02160

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	02140 and 02150			

Students will increase word analysis skills, fluency and comprehension skills as well as improving writing skills. Students will learn to write using a variety of sentence structures and write standard, well-organized paragraphs. Upon successful completion of this course, it is recommended that students take Language Arts 4 (2170).

English

Language Arts 4 02170

Grade Level	10	Credit/Semester	0.5
Prerequisite	02140 and 02150		

Students will increase word analysis skills, fluency and comprehension skills as well as improving writing skills. Students will learn to write using a variety of sentence structures and write standard, well-organized paragraphs. This course is intended for students who need additional work in the English language arts.

Multicultural Literature 03760

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will analyze, discuss, and write about contemporary diverse literature. Students will focus on the needs, concerns, and experiences of African-Americans, Asian Americans, Native Americans, Latin Americans, and American women through fiction/nonfiction. This course meets the language arts graduation requirement.

Multiculturalism/Creative Writing 04141/04142

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will analyze, discuss, and write about contemporary diverse literature. Students will focus on the needs, concerns, and experiences of African-Americans, Asian Americans, Native Americans, Latin Americans, and American women through fiction/nonfiction. Students will have the opportunity to write for publication. This course meets the language arts graduation requirement.

Multimedia Academy 09490

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will apply their accumulated multimedia communication, storytelling, production and design skills to real-world contexts as they engage in hands-on learning opportunities. This is the capstone course in the Multimedia Pathway.

Multimedia Production 09200

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will connect classroom instruction to hands-on field experiences by beginning to create high-quality productions across multiple media platforms. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the third course in the Multimedia Communications Pathway.

Multimedia Practicum 09270

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will apply multimedia concepts to real-world scenarios by working as writers or editors, web and social media content creators, photographers, artists or designers. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the seventh course in the Multimedia Communications Pathway.

Multimedia Storytelling 09290

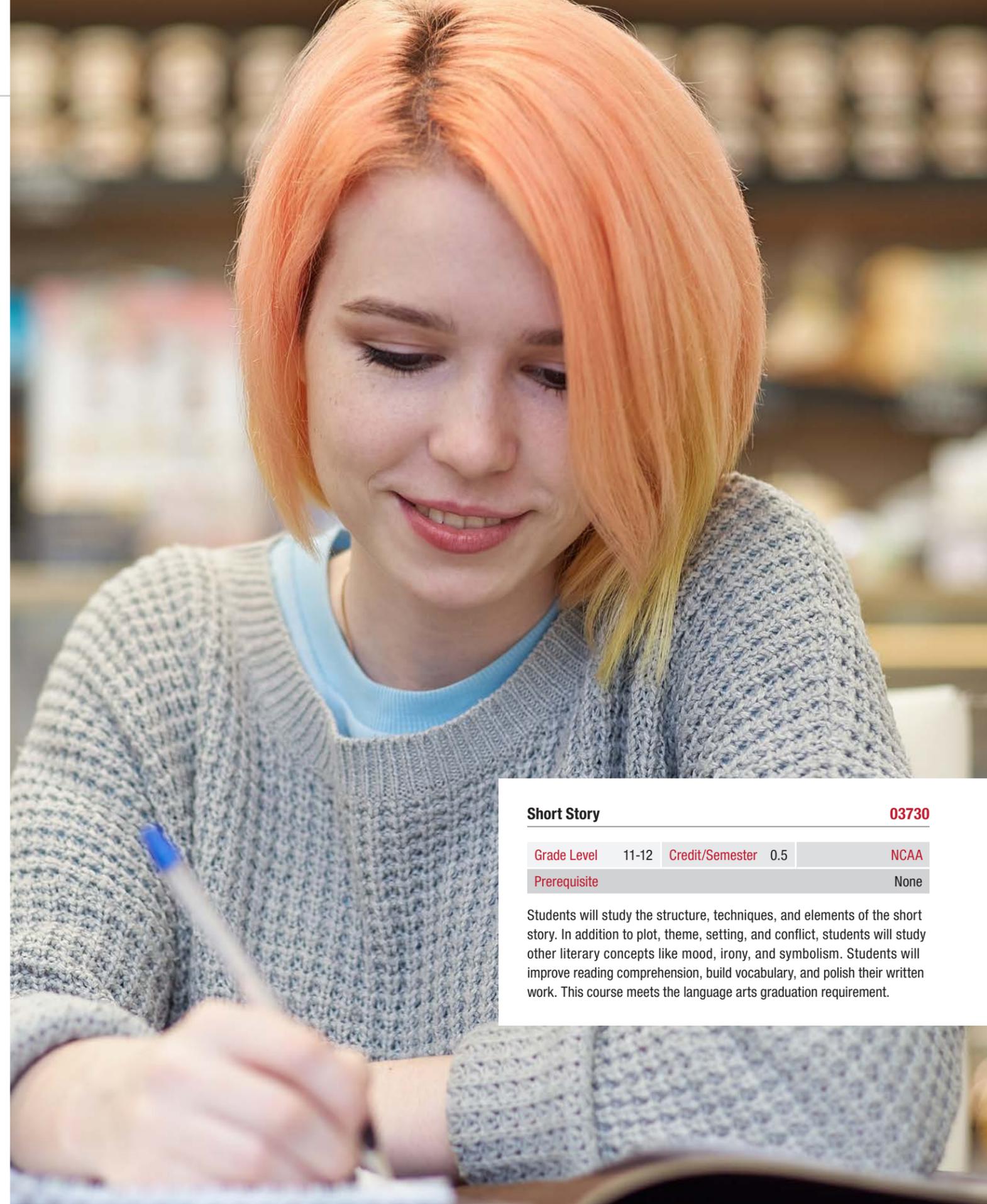
Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn about the foundations of storytelling and explore all facets of digital story design and production, focusing specifically on how to choose the best media for telling stories on multiple digital platforms. This course will include ten hours of fieldwork and expose students to multimedia career opportunities. This is the fifth course in the Multimedia Communications Pathway.

Philosophical Literature 03640

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will study metaphysics, ethics, epistemology, and religion in a survey of the great thinkers from Greek to modern times. Student will develop essays interpreting, analyzing, or comparing works of established authors. This course meets the language arts graduation requirement.



Short Story 03730

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will study the structure, techniques, and elements of the short story. In addition to plot, theme, setting, and conflict, students will study other literary concepts like mood, irony, and symbolism. Students will improve reading comprehension, build vocabulary, and polish their written work. This course meets the language arts graduation requirement.



Popular Literature 03740

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will read, discuss, and write about popular fiction, nonfiction, drama, or poetry related to situations and problems young people face. This course meets the language arts graduation requirement.

Professional Written Communications 03880

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will engage in standards-based analytical, proposal, and report writing, with special attention given to editing, style manuals, research writing, and collegiate writing. Students will utilize technology to prepare for future college majors in STEM or business programs, synthesizing college and career readiness. This course meets the language arts graduation requirement.

Reading and Writing 1 01981/01982

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will develop essential skills in reading and writing in an integrated language arts class for students who need work in fundamental areas. Students will write a variety of paragraphs, expand vocabulary skills through study of Greek and Latin roots, review grammar and usage, and read an assortment of fiction and nonfiction texts.

Reading and Writing 2 02001/02002

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will further study and practice basic reading and writing skills. The content of the course includes developing sentences, paragraphs, and essays; expanding vocabulary; and reading and analyzing literature.

Reading Laboratory 02111/02112

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn practical reading strategies and study skills to utilize in their core courses. Course placement is based on standardized tests and/or teacher recommendation. This course will be taken in addition to a student's core english course.

Senior English 02131/02132

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will engage in activities to develop language skills in preparation for the workplace and civic participation. Students will engage in a variety of genres including news media and nonfiction. Students will engage in an extensive writing curriculum incorporating technical, business, personal, and civic writing. This course meets the language arts graduation requirement.

Short Story 03730

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will study the structure, techniques, and elements of the short story. In addition to plot, theme, setting, and conflict, students will study other literary concepts like mood, irony, and symbolism. Students will improve reading comprehension, build vocabulary, and polish their written work. This course meets the language arts graduation requirement.

World Literature and Composition 03831/03832

Grade Level	10	Credit/Semester	0.5	NCAA
Prerequisite	One (1) year of Language Arts Core Curriculum			

Students will examine a vast array of modified world literature through the study of its traditions, techniques, and genres. Students will receive extensive instruction in the writing process. Students will receive additional support in basic reading, writing skills, and vocabulary. This course meets the language arts graduation requirement.

World Literature and Composition 03841/03842

Grade Level	10	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will examine a vast array of world literature through the study of its traditions, techniques, and genres. Students will receive extensive instruction in the writing process. Students will receive additional support in basic reading, writing skills, and vocabulary. This course meets the language arts graduation requirement.

World Literature and Composition Integrated 04171/04172

Grade Level	10	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will examine a vast array of world literature through the study of its traditions, techniques, and genres. Students will receive extensive instruction in the writing process and additional support in basic reading, writing skills, and vocabulary. This course is taken in an integrated format with World History. This course meets the language arts/social science graduation requirements.

Writing and Oral Communication Integrated 04161/04162

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will be actively involved in research methodology, writing, and speaking. Students will review grammar and usage, study vocabulary, read selected fiction/nonfiction texts, and utilize technology to develop multimedia presentations. This course is taken in an integrated format with Human Geography. This course meets the language arts/ social science graduation requirements and the Illinois State Computer Literacy graduation requirement.

Written and Oral Communication 02101/02102

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will receive an introduction to effective written and oral communication skills. Students will be actively involved in research methodology, writing, and speaking. Students will review grammar and usage, study vocabulary, read selected fiction and nonfiction texts, and utilize technology to develop multimedia presentations. This course meets the language arts graduation requirement and the Illinois State Computer Literacy graduation requirement.

Written and Oral Communication 02561/02562

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will engage in more advanced written and oral communication skills. Students will be actively involved in research methodology, writing, and speaking. Students will review grammar and usage, study vocabulary, read selected fiction and nonfiction texts, and utilize technology to develop multimedia presentations. This course meets the language arts graduation requirement and the Illinois State Computer Literacy graduation requirement.

Yearbook 1 03150

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 2 03160

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	03150 or Division Head Approval			

Students will learn more advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.



Yearbook 3 **03170**

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	03160 or Division Head Approval		

Students will learn highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 4 **03180**

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	03170 or Division Head Approval		

Students will master highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 5 **03320**

Grade Level	11	Credit/Semester	0.5
Prerequisite	03180 or Division Head Approval		

Students will master and contribute to highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 6 **03330**

Grade Level	11	Credit/Semester	0.5
Prerequisite	03320 or Division Head Approval		

Students will master and further contribute to highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 7 **03340**

Grade Level	12	Credit/Semester	0.5
Prerequisite	03330 or Division Head Approval		

Students will master, contribute, and develop highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

Yearbook 8 **03350**

Grade Level	12	Credit/Semester	0.5
Prerequisite	03340 or Division Head Approval		

Students will master, contribute, and further develop highly advanced principles of information gathering, copywriting, layout, copy fitting, photography, picture cropping, editing, word processing, and proofreading. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.



Course Descriptions

Fine Arts



Fine Arts



2-D Art 1 01360

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01011/01012		

Students will search for personal approaches and solutions to creating a visual statement and explore new approaches in drawing, painting, printmaking, and mixed media. This course centers on contemporary issues in design.

2-D Art 2 01370

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01360		

Students will continue to search for personal approaches and solutions to creating a visual statement at an advanced conceptual level utilizing drawing, painting, printmaking, and mixed media processes. This second level two-dimensional art course focuses on contemporary artists and issues in contemporary art and art history.

2-D Art 3 01380

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01370		

Students will work to develop critical thinking in relationship to theories of aesthetics and explore art criticism regarding both student and professional art. Students will also focus on art as problem-solving and communication.

3-D Art 1 01330

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01011/01012, 01310 or Division Head Approval		

Students will explore three-dimensional design concepts through media such as jewelry, ceramics, and sculpture. Students will be introduced to techniques in construction and processes in three-dimensional design.

3-D Art 2 01340

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01330		

Students will develop advanced methods of casting, fabricating, and modeling through media such as metal, ceramics, plastic, and wood.

3-D Art 3 01350

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01340		

Students will search for personal approaches and solutions to creating a visual statement and explore new techniques in media such as jewelry, sculpture, and ceramics. This course centers on contemporary issues in design.

Acting 1 03060

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will engage in activities that will support initial training in acting. Students will strengthen their powers of observation and underscore their cooperation with others in various acting scenarios. Students must perform as part of this course work. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Acting 2 03070

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	03060 or Division Head Approval		

Students will focus on script analysis, characterization, and performance, and this course is a continuation of Acting 1. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Acting 3 03300

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	03070 or Division Head Approval		

Students will take an intensive focus on script analysis, characterization, and performance, and this course is a continuation of Acting 2. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Acting 4 03310

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	03300 or Division Head Approval		

Students will take an intensive focus on script analysis, characterization, and performance, and this course is a continuation of Acting 3. Students will also focus on the role of the director. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Advanced Art 1 01940

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	01930		

Students will develop the conceptual and technical skills necessary for an individual portfolio of work. Advanced art students will compile portfolios of individually developed work. This course is advantageous to students interested in Advanced Placement Art and/or the study of art at the collegiate level.

Advanced Art 2 01950

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	01940		

Students will develop the conceptual and technical skills necessary for an individual portfolio of work. This course is advantageous to students interested in Advanced Placement Art and/or the study of art at the collegiate level. This course is a continuation of Advanced Art 1 (01940).

Advanced Art Animation 01460

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01450		

Students will continue to build on the concepts introduced in the previous course in Advanced Art Animation. Students will learn advanced techniques in animation with an emphasis on their personal development of ideas. Utilizing digital technology such as iPads, various apps, digital cameras and industry standard software students will continue to explore creative approaches to animation. This course may be repeated for credit. Offered at WHS.

Advanced Guitar Workshop 01761/01762

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	01851/01852		

Students will study various genres of guitar music, advanced picking styles, and solo work. As students advance, there will be a focus on ensemble playing duos, trios, and quartets. Styles of guitar will include classical, jazz, and folk. This course may be repeated for credit. This course satisfies the district's fine arts graduation requirement.

Advanced Imaging 1 01390

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Three (3) semesters of Art		

Students will create images combining traditional forms of art with digital imagery from the computer in this advanced art and photography interdisciplinary course. Students will learn the beginning levels of Adobe Photoshop and Fractal Painter with emphasis on the creative development of images.

Advanced Imaging 2 01400

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	01390		

Students will further their development of interdisciplinary art using the computer as the primary tool for creating images utilizing multimedia art that integrates text, images, sound, and video and explore advanced technology concerns such as layering, sequencing of images, digital tablet drawing, and sound applications.

Advanced Mixed Choir 01591/01592

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will attain a high degree of proficiency in sight reading, ear training, and vocal development. Composed primarily of juniors and seniors, this selective mixed group of voices represents students capable of performing more advanced choral literature. This course satisfies the district's fine arts graduation requirement.



Advanced Photography Studio 01490

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01240		

Students will further develop the conceptual and technical skills necessary for an individual portfolio of work. This course is advantageous to students interested in AP Studio Art, the study of photography at the collegiate level, and/or the exploration of various career pathways in photography. This course may be repeated for credit.

Advanced Three-Dimensional Art Studio 01211/01212

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01350		

Students will focus on the emphasis centers on contemporary issues in 3-D design. Students will search for personal approaches and solutions to creating a visual statement and exploring new techniques in various 3-D media. This course may be repeated for credit.

Advanced Two-Dimensional Art Studio 01201/01202

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01380		

Students will focus on the emphasis centers on contemporary issues in 2-D design. Students will search for personal approaches and solutions to creating a visual statement and exploring new techniques in various 2-D media. This course may be repeated for credit.

Advanced Theater Workshop 01740

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	03310,03080 or Consent of Instructor		

Students will develop the conceptual and technical skills and leadership necessary for putting on various theatrical productions. This course is advantageous to students interested in the study of theatre, directing, technical theater and/or the exploration of career pathways in theatre. This does not fulfill the English graduation credit. This course may be repeated for credit.

AP 2-D Art and Design 01171/01172

Grade Level	12	Credit/Semester	0.5
Prerequisite	Consent of Instructor or Division Head Approval		

Students will demonstrate a mastery of 2-D design through any two-dimensional medium or process, including, but not limited to, photography, digital imaging, collage, weaving, illustration, painting, graphic design and printmaking.

AP 3-D Art and Design 01181/01182

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will demonstrate a mastery of 3-D design through any three-dimensional approach, including, but not limited to, figurative sculptures, architectural models, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts.

AP Art History 01441/01442

Grade Level	12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will gain an understanding of architecture, sculpture, painting, and other arts within diverse historical and cultural context in this advanced placement/ introductory college course in art history. Students will examine and analyze major forms of artistic expression from the past and present from various cultures. This course satisfies the district's fine arts graduation requirement.

AP Drawing 01291/01292

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will be immersed in the practical art experience that allows students the opportunity of a challenging college level course which focuses on more sophisticated concepts and techniques. Students will submit portfolios that are either Drawing, 2-D, or 3-D Design.

AP Music Theory 01681/01682

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will focus on aural training, sight-reading, and advanced music analysis. In addition to reviewing the basics of music, students will explore advanced musical forms, historical periods, composers and compositional techniques. Music Theory is designed for students interested in pursuing a career in a music-related field. Students will prepare to take the AP examination in May.

AP Studio Art Drawing 01191/01192

Grade Level	12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will explore a very broad interpretation of drawing issues and media that include line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media etc.

Fine Arts

Art 1 01011/01012

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will develop the skills towards artistic and human values based on the concepts of visual communication and expressions. Students will experience visual elements and design principles through a sequential arrangement of problems utilizing selected techniques and art media. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Art Portfolio 1 01270

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will compile a portfolio of selected representational pieces of their work to fulfill college or technical art school entry requirements. Students in this advanced art class will benefit from instructor assistance and expertise in developing a visual presentation of their artistic potential and range of capabilities.

Art Portfolio 2 01280

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will further compile a portfolio of selected representational pieces of their work to fulfill college or technical art school entry requirements. Students in this advanced art class will benefit from instructor assistance and expertise in developing a visual presentation of their artistic potential and range of capabilities.

Art Survey 01250

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will receive instruction in drawing, painting, and three-dimensional art. Students will also study how visual art interrelates with the other arts. This course meets the district's fine arts graduation requirement.

Beginning Choir 01501/101502

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will learn the fundamentals of vocal production, sight reading, diction, and musical interpretation. Additionally, students will learn the elements of choral singing through various study and performance practices. Classes may be divided into soprano/alto and tenor/bass sections. This course satisfies the district's fine arts graduation requirement.

Beginning Mixed Choir 01571/01572

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will be taught choral music in a challenging and educational way stressing the basics of choral singing and fundamentals of music reading. Students will learn about good vocal technique as well as how music relates to other forms of art. (This course is recommended for girls in grades 10-12 and boys in grades 9-12.) This course satisfies the district's fine arts graduation requirement.

Beginning Strings 01821/01822

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn to play the violin, viola, cello, or string bass. This course offers instruction in music notation and simple rhythmic patterns as well as bowing techniques, finger and rhythm patterns. Students will study basic to moderately difficult musical literature as well as how music interrelates with other arts. This course satisfies the district's fine arts graduation requirement.

Cadet Marching Band 01751/01752

Grade Level	9--12	Credit/Semester	0.5
Prerequisite	None		

Students will study basic music fundamentals and techniques in both individual and group situations. Students with limited musical training and who lack the skills needed for entry into Concert Band are encouraged to take this course. This course satisfies the district's fine arts graduation requirement.

College Introduction to Visual Art 62990

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will develop an awareness of aesthetics, artistic concepts, media, theory and criticism and develop an understanding of visual literacy. To be enrolled in this dual credit course, students must meet prerequisites and complete all requirements. Upon completion of this course, students may receive college/university credit. See dual credit section in academic handbook for details.



College Introduction to Visual Art 62990

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will develop an awareness of aesthetics, artistic concepts, media, theory and criticism and develop an understanding of visual literacy. To be enrolled in this dual credit course, students must meet prerequisites and complete all requirements. Upon completion of this course, students may receive college/university credit. See dual credit section in academic handbook for details.

Concert Orchestra 01791/01792

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will perform orchestra pieces at the intermediate to advanced level. This class meets daily for one period and performs four to six times each year both in school and the community. Students receive one credit for each year they are in the class. This course meets the District 214 fine arts requirement.

Concert/Marching Band 01771/01772

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will learn and perform the marching band competition show. Students will study instrumentation fundamentals and techniques at individual, ensemble, and full band levels. Concert /Marching Band maintains an active performance schedule. Concert/Marching Band students must participate in the Marching Band Program. This course satisfies the district's fine arts graduation requirement.

Fine Arts Workshop 03051/03052

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will practice activities to address the pragmatic, social, and communication skills, through fine arts. Utilizing fine arts as a vehicle for learning communication and interpersonal interaction skills to successfully negotiate in everyday life settings. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement. This course may be repeated.

Graphic Arts Design 01260

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore two and three-dimensional design through a wide range of media including drawing, painting, jewelry, sculpture, and computer imaging. Students will address technologies employed in the graphic arts field, ranging from layout to production printing. This course satisfies the district's fine arts graduation requirement.

Guitar 1 01841/01842

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will receive instruction in music notation and simple rhythmic patterns as well as right- and left-hand finger and rhythmic patterns. Students will study basic to moderately difficult music and how music interrelates with the other arts. This course satisfies the district's fine arts graduation requirement.

Guitar 2 01851/01852

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	01841/01842		

Students will learn classical guitar repertoire, 12 bar blues, improvisation and lead guitar, and finger picking styles (e.g., Travis picking). This course is a continuation of Guitar 1. This course satisfies the district's fine arts graduation requirement.

Guitar Ensemble 01861/01862

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	01851/01852		

Students will continue to build and expand the skills developed in Guitar 1 and 2. Students will participate and perform in ensembles of different sizes and instrumentation and will perform as soloists. They will study music from 16th to 21st century in a wide variety of styles and develop their own music. This course satisfies the district's fine arts graduation requirement.

Instrumental Ensemble 01811/01812

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will learn the development and improvement of jazz techniques and improvisation. Outside classroom activities include several concerts throughout the school year. This course satisfies the district's fine arts graduation requirement.

Intermediate Art 1 01920

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01011/01012		

Students will practice visual communication emphasizing the principles of design, the development of skills, and the pursuit of a personal imagery. Students will create a variety of two and three-dimensional media which include drawing, painting, sculpture, and design.

Intermediate Art 2 01930

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01920		

Students will further develop visual communication emphasizing the principles of design, the development of skills, and the pursuit of a personal imagery. This course is the continuation of Intermediate Art 1 (01920) emphasizing the building of skills in the development of personal imagery.

Intermediate Mixed Choir 01581/01582

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will study vocal literature, both historic and contemporary with emphasis placed on sight reading, ear training, vocal production, and musical expression. Intermediate Mixed Choir is for students with voices in the soprano/ alto/tenor/bass range. This course satisfies the district's fine arts graduation requirement.

Introduction to 3-D Art 01310

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn concepts of visual communication through exploration of visual design elements and principles utilizing three-dimensional materials that include clay, plaster, and metal are some of the materials that may be used. Students will study sculpture and architecture from historic and contemporary periods.

Introduction to Art Animation 01450

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn about drawing, color theory, and the elements and principles of design through animation in this art class. Students will use these tools in creative and inventive ways to communicate their visual ideas. Digital technology such as ipads, various apps, digital cameras, and industry standard software will be used to explore different forms of animation. Adobe CC will be among the programs students will use. A foundational understanding of the elements and principles of art and design is necessary to successfully apply their ideas to animation. This course satisfies the district's fine arts graduation requirement. Offered at WHS.

Introductions to the Fine Arts 1 01410

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop problem-solving and critical and creative thinking is the focus of this course through the study of visual art, dance, drama, and music. Students will become more aware of their own and other cultures which create the human mosaic. (At JHHS - for deaf and hard-of-hearing education students only.) This course satisfies the district's fine arts graduation requirement.

Jazz Band 01801/01802

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	01771/01772,01781/01782		

Students will explore standard jazz repertoire as well as more advanced and contemporary compositions. Performance on various occasions is anticipated and encouraged. Students will study how music interrelates with the other arts. This course satisfies the district's fine arts graduation requirement.

Fine Arts

Music Workshop 01510

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Must be 16 years old		

Students will have the opportunity to choose one strand of music focus for the duration of the semester. Avenue options may include music theory, music technology, songwriting, learning a new instrument, music research, musical theater, or original ideas with instructor approval. This course may be repeated for credit. This course satisfies the district's graduation requirement for fine arts.

Orchestra 01831/01832

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will advance their fundamental orchestral skill sets. This course achieves full symphonic instrumentation through the addition of selected woodwind, brass, and percussion players. Major concert performances are scheduled throughout the year at both the building and district levels. This course satisfies the district's fine arts graduation requirement.

Orchestral Winds and Percussion 01891/01892

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	Audition		

Students will participate as winds and percussion in a District 214 school orchestra program. This course satisfies the district's fine arts graduation requirement.

Photography 1 01220

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore personal imagery and digital imaging utilizing camera, film, and darkroom processes and procedures will be the foundation of this class. This course satisfies the district's fine arts graduation requirement.

Photography 2 01230

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	01220		

Students will continue to explore personal imagery while incorporating advanced darkroom techniques, alternative darkroom methods, and computer processes.

Photography 3 01240

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01230		

Students will further explore the art of photography and advance their technical skills in traditional photography and digital imaging. Students will continue to develop a personal direction in their work.

Sculpture 1 01140

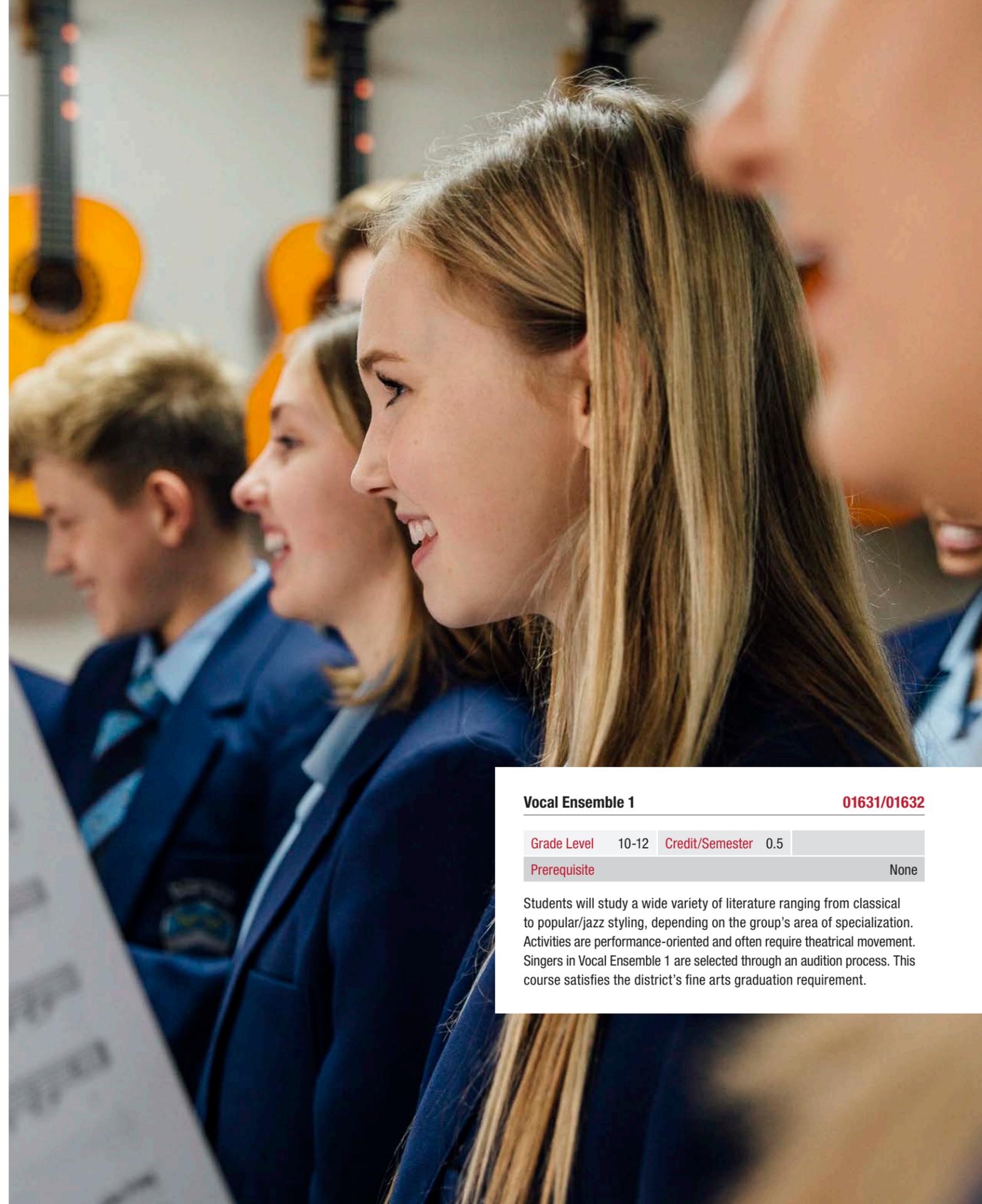
Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop a personal statement through the introduction/exploration of new media, skills, and techniques in this first level exploration of three-dimensional form. Students will give context to the visual statement through exposure to traditional/ contemporary sculpture techniques. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Sculpture 2 01150

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	01140		

Students will focus on a particular technique or material in the exploration of a personal statement in this second level sculpture course. Students may be introduced to additional methods and materials at the discretion of the teacher. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.



Vocal Ensemble 1 01631/01632

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will study a wide variety of literature ranging from classical to popular/jazz styling, depending on the group's area of specialization. Activities are performance-oriented and often require theatrical movement. Singers in Vocal Ensemble 1 are selected through an audition process. This course satisfies the district's fine arts graduation requirement.

Fine Arts

Sculpture 3 01160

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	01150		

Students will explore their ability to individualize and focus on the acceptance of sculptural entity as a manifestation of self, concept, media, and technique in this third level course. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

String Ensemble 01901/01902

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will emphasize the standard 18th and 19th century string ensemble literature as well as the works of contemporary composers. Public performance may be an integral part of the course. This course satisfies the district's fine arts graduation requirement.

Symphonic/Marching Band 01781/01782

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Audition		

Students will perform symphonic music literature that is complex and challenging. In addition to a concert schedule, members may perform in a solo and/or ensemble situation. Participation in other musical organizations (orchestra, jazz) is encouraged. Symphonic/Marching Band students must participate in Marching Band Program. This course satisfies the district's fine arts graduation requirement.

Technical Theatre 03080

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn construction, handling of scenery, design and operation of lighting, the safe use of tools, the basics of stage managing, and basic elements of running a play. As part of the requirement for this course there will be a performance component in order to fulfill the graduation fine arts credit. This course satisfies the district's fine arts graduation requirement.



Treble Choir 01541/01542

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will study treble vocal literature, both historic and contemporary, are featured with emphasis placed on sight reading, ear training, vocal production, and musical expression. Treble Choir is for sophomore, junior, and senior students with voices in the soprano/alto range. This course satisfies the district's fine arts graduation requirement.

Vocal Ensemble 1 01631/01632

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will study a wide variety of literature ranging from classical to popular/jazz styling, depending on the group's area of specialization. Activities are performance-oriented and often require theatrical movement. Singers in Vocal Ensemble 1 are selected through an audition process. This course satisfies the district's fine arts graduation requirement.

Vocal Ensemble 2 01641/01642

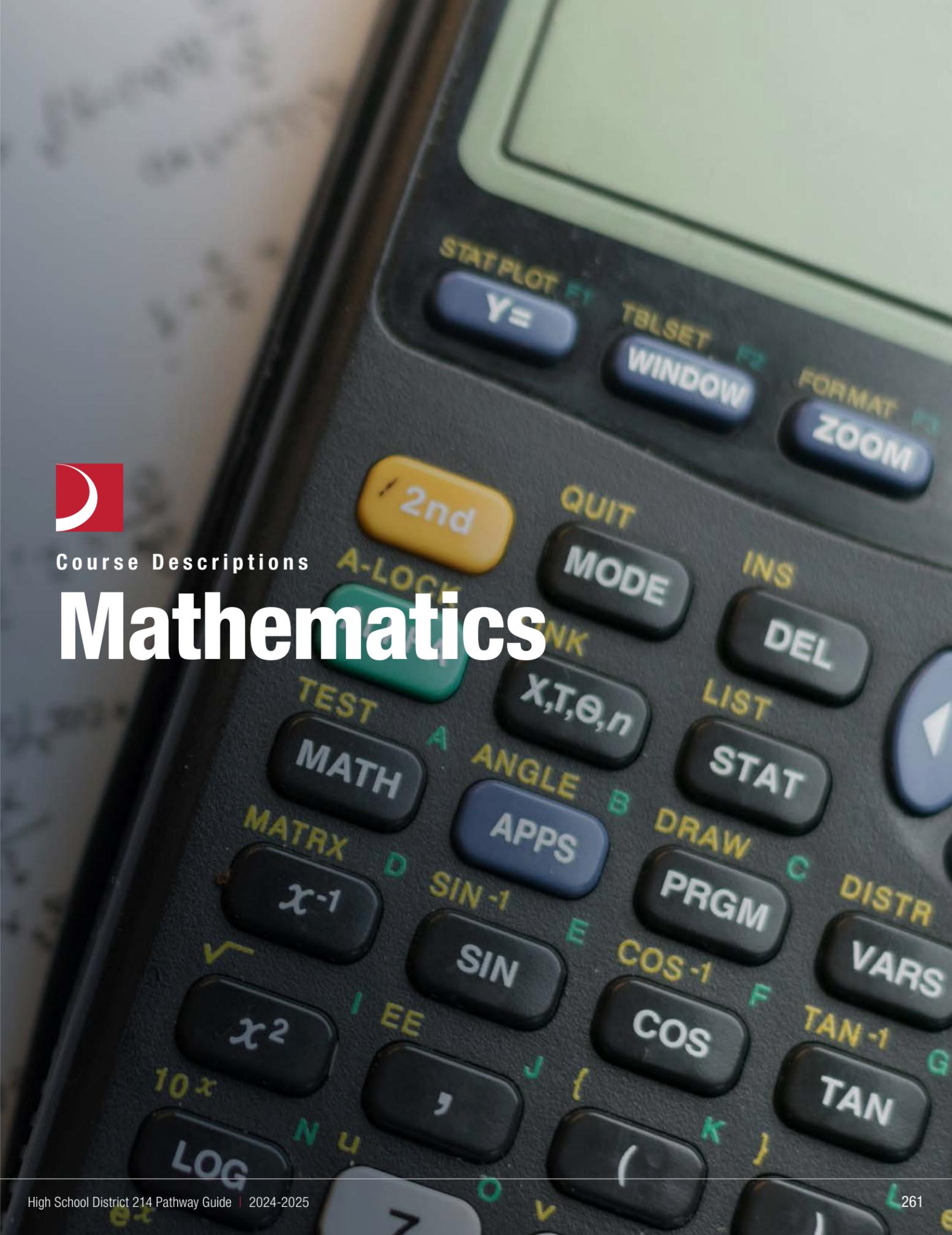
Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Consent of Instructor		

Students will explore a wide variety of literature ranging from classical to popular/jazz styling, depending on the group's area of specialization. Activities are performance oriented and often require theatrical movement. Singers in Vocal Ensemble 2 are selected through an audition process. This course satisfies the district's fine arts graduation requirement.



Course Descriptions

Mathematics



Mathematics



Algebra 04620

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply introductory algebraic concepts, including real number properties, equations and inequalities, graphing, polynomials and functions. Topics explored in Algebra 04620/04630 are similar to the topics in Algebra 04700/04710 with additional support and differentiation.

Algebra 04630

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply introductory algebraic concepts, including real number properties, equations and inequalities, graphing, polynomials and functions. Topics explored in Algebra 04620/04630 are similar to the topics in Algebra 04700/04710 with additional support and differentiation. This completes the study of Algebra.

Algebra 04700

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply introductory algebraic concepts, including real number properties, equations and inequalities, graphing, polynomials and functions.

Algebra 04710

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply introductory algebraic concepts, including real number properties, equations and inequalities, graphing, polynomials and functions. This course completes the study of Algebra.

Algebra II 04740

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will continue to investigate, explain, analyze and apply their previous algebra experiences in the study of equations, inequalities, polynomials, and systems of equations. They begin their study of polynomial, exponential, and logarithmic functions as well as conic sections.

Algebra II 04750

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will continue to investigate, explain, analyze and apply their previous algebra experiences in the study of equations, inequalities, polynomials, and systems of equations. New topics will include polynomial, exponential, and logarithmic functions as well as conic sections. This course completes the study of Algebra II.

Academic Interventions in Mathematics (AIM) 11251/11252

Grade Level	9	Credit/Semester	0.25	
Prerequisite	None			

Students will enhance their foundational mathematics knowledge and thinking skills as they focus on individualized skill deficits. The course topics are designed to ensure students are making significant progress in their core mathematics course. Students will be assessed regularly to monitor progress and success.

AP Calculus AB 04861/04862

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Completion of 04840/04850/ Division Head Approval			

Students will explore, analyze, explain and apply concepts, methods, and applications of differential and integral calculus in preparation for the Calculus AB Advanced Placement Exam.

AP Calculus BC 04961/04962

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore, analyze, explain and apply concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series in preparation for the Calculus BC Advanced Placement Exam.

AP Statistics 04881/04882

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore and apply concepts and tools used for collecting, analyzing, and drawing conclusions from data in preparation for the Advanced Placement Statistics Exam.

Calculus 3 04981

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	04961/04962 and Division Head Approval			

Students will investigate vector functions, multivariable functions, differential multiple integration, and vector calculus with applications to science and engineering. Students will develop techniques and practice applications of first order ordinary differential equations and higher order linear equations. Topics can include partial differential equations, Fourier series, boundary value problems and Sturm-Liouville theory. This course completes the study of Calculus 3.

College Algebra 64400

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore algebraic and graphical approaches to college algebra. Topics include but are not limited to polynomial, rational, exponential, and logarithmic functions; systems of equations and inequalities; matrices and mathematical modeling. This course is recommended for students planning to continue studies in mathematics or a related STEM field. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Calculus 3 64981

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	04961/04962 and Division Head Approval			

Students will investigate vector functions, multivariable functions, differential multiple integration, and vector calculus with applications to science and engineering. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

Mathematics

College Math: A Human Endeavor 64680

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	C or better in Algebra II or Geometry			

Students will develop mathematical reasoning and problem solving through concentrated study of several of the following topics logic, sets, probability, statistics, graph theory, number theory and/or geometry. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Differential Equations 64982

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	64981			

Students will investigate vector functions, multivariable functions, differential multiple integration, and vector calculus with applications to science and engineering. Students will develop techniques and practice applications of first order ordinary differential equations and higher order linear equations. Topics can include partial differential equations, Fourier series, boundary value problems and Sturm-Liouville theory. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Statistics 64450

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	04750 or Division Head Approval			

Students will investigate descriptive and inferential statistics including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

Data Modeling 04201/04202

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	04660/04740			

Students will learn beginning and intermediate algebra skills including an introduction to statistics. An emphasis will be placed on data modeling using linear, quadratic, exponential and logarithmic. This course will be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills. Students who earn a C- or above average over 2 semesters will be able to apply this course for college placement at community colleges and some state universities.

Differential Equations 04982

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	04961/04962 and Division Head Approval			

Students will investigate vector functions, multivariable functions, differential multiple integration, and vector calculus with applications to science and engineering. Students will develop techniques and practice applications of first order ordinary differential equations and higher order linear equations. Topics can include partial differential equations, Fourier series, boundary value problems and Sturm-Liouville theory. This course completes the study of Differential Equations.

Geometry 04640

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. Topics explored in Geometry 04640/04650 are similar to the topics in Geometry 04720/04730 with additional support and differentiation.

Geometry 04730

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. This course completes the study of Geometry.



Geometry 04650

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will continue to investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. Topics explored in Geometry 04640/04650 are similar to the topics in Geometry 04720/04730 with additional support and differentiation. This completes the study of Geometry.

Geometry 04720

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture.

Geometry 04730

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. This course completes the study of Geometry.

Geometry in Construction 04421/04422

Grade Level	10	Grade/Semester	0.5	
Prerequisite	Division Head Approval			

Students will learn Geometry through a CTE experiential and collaborative lens. Students will investigate, analyze, explain and apply the properties of two and three-dimensional figures, with an emphasis on Euclidean geometry. Algebra solving skills will be applied to geometric situations to support spatial reasoning, conjecture, theories of measurement, ratios, geometric structures, algebraic equations, and graphing in order to develop an understanding and experience building and construction. This course meets the state and district math graduation requirement for geometry content.

Honors Algebra II 04800

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of sequences and series permutations, combinations and probability, systems, determinants and factoring, and an in-depth study of functions. This course emphasizes problem-solving and critical thinking at a high mathematical level to prepare students for Honors Precalculus.

Honors Algebra II 04810

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of sequences and series permutations, combinations and probability, systems, determinants and factoring, and an in-depth study of functions. This course emphasizes problem-solving and critical thinking at a high mathematical level to prepare students for Honors Precalculus. This course completes the study of Honors Algebra II.

Honors Algebra II/Precalculus 04900

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of sequences and series, permutations, combinations and probability, systems, determinants and factoring, and an in-depth study of functions. With an introduction to precalculus, this course emphasizes problem solving and critical thinking at the highest mathematical level to prepare students for Honors Precalculus/Calculus A.

Honors Algebra II/Precalculus 04910

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of sequences and series, permutations, combinations and probability, systems, determinants and factoring, and an in-depth study of functions. With an introduction to precalculus, this course emphasizes problem solving and critical thinking at the highest mathematical level to prepare students for Honors Precalculus/Calculus A. This course completes the study of Honors Algebra II/Precalculus.



Honors Geometry 04820

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. This course is offered ONLY during summer school.

Honors Geometry 04830

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures with an emphasis on Euclidean geometry. Applications of algebraic skills will be used to support spatial reasoning and conjecture. This course completes the study of Honors Geometry. This course is offered ONLY during summer school.

Honors Geometry 04920

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures of Euclidean geometry. Algebra skills will be applied and enhanced throughout in preparation for honors algebra II and other pre-calculus topics.

Honors Geometry 04930

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain, and apply the properties of two- and three-dimensional figures of Euclidean geometry. Algebra skills will be applied and enhanced throughout in preparation for honors algebra II and other pre-calculus topics. This course completes the study of Honors Geometry.

Honors Precalculus 04840

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain and apply the following topics functions, trigonometry, complex numbers, conic sections, analytic geometry, sequences and series, and an introduction to calculus including limits, continuity and end behavior.

Honors Precalculus 04850

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain and apply the following topics functions, trigonometry, complex numbers, conic sections, analytic geometry, sequences and series, and an introduction to calculus including limits, continuity and end behavior. This course completes the study of Honors Precalculus.

Honors Precalculus/Calculus A 04940

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain and apply the following trigonometric, inverse, linear, quadratic polynomial, and rational function and their graphs. Students will also explore complex numbers, conic sections and limits.

Mathematics

Honors Precalculus/Calculus A 04950

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, analyze, explain and apply the following trigonometric, inverse, linear, quadratic polynomial, and rational function and their graphs. Students will also explore complex numbers, conic sections and limits. This course completes the study of Honors Precalculus/Calculus A. This course begins, but does not complete, Calculus AB.

Intermediate Algebra 04660

Grade Level	9-12	Credit/Semester	0.50	NCAA
Prerequisite	Division Head Approval			

Students will continue to investigate, explain, analyze and apply their previous algebra experiences in the study of equations, inequalities, polynomials, and systems of equations. They begin their study of polynomial, exponential, and logarithmic functions as well as conic sections. Algebra 04660 provides additional support and differentiation for students to begin Algebra II.

Mathematical Analysis 04441/04442

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Successful Completion of High School Math Requirements			

Students will increase their algebra and statistics understanding; develop data modeling skills using linear, quadratic, exponential and logarithmic models. Students will learn to organize, interpret, and make predictions based on data obtained through authentic problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills. Students who earn a C- or above average over 2 semesters may be able to apply this course for college placement at community college and some state universities.

Mathematical Applications 04561/04562

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head approval			

Students will develop basic techniques in math as it relates to their life and career after high school. Topics may include finance and consumer decisions, simple programming, measurement, estimation, probability, and statistics.

Mathematical Applications 101 04971/04972

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Completion of 04740/04750/ Division Head Approval			

Students will develop conceptual understanding, problem-solving, decision making and analytic skills dealing with quantities and their magnitudes and interrelationships. Topics include but are not limited to solving systems of equations and inequalities, trigonometry, and complex numbers.

Mathematics 1 04460

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Division Head Approval			

Students will study the use of whole numbers, place value and number sentences, reading numbers, spelling and writing numbers, and the four basic operations with whole numbers. Students will also practice the use of measurement including time, clocks, calendars, and rulers as well as the use of currency. Students will begin to apply statistical methods of organizing data and making predictions.

Mathematics 2 04470

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	Division Head Approval			

Students will learn the use of whole numbers, place value and number sentences, and the four basic operations with fractions and decimals. Students will practice measurement including time, clocks, calendar, and rulers as well as the use of currency. Students will begin to apply statistical methods of organizing data and making predictions.

Mathematics 3 04480

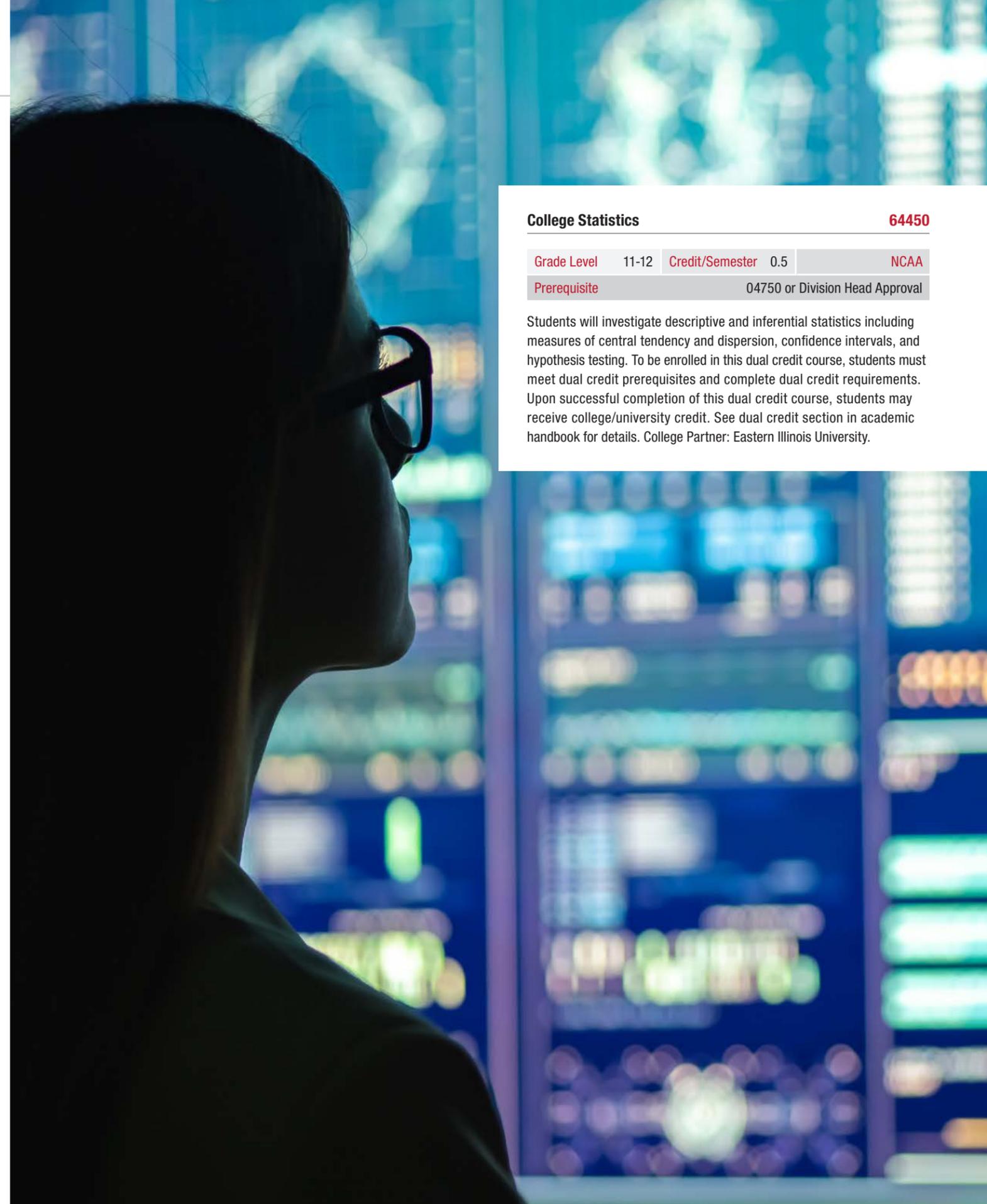
Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	04460 and 04470			

Students will learn concepts related to whole numbers, fractions, and decimals in addition to one and two-step operations and ordering and comparing of whole numbers. Students will calculate various measurements, analyze units of measurement, and study geometric figures. Students will learn statistical methods to be broadened that include the collection, display, and interpretation of data.

College Statistics 64450

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	04750 or Division Head Approval			

Students will investigate descriptive and inferential statistics including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.



Mathematics

Mathematics 4 04490

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	04460 and 04470		

Students will learn whole numbers, fractions, the four basic operations with integers, the concept of a variable, solving one-step equations, and ordering and comparing of whole numbers. Students will calculate measurements and determine the basic properties of geometric figures. Students will learn statistical methods and skills that include the collection, display, and interpretation of data.

Mathematics 50 04500

Grade Level	9	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will advance their study of graphing including plotting points and apply their knowledge through problem solving.

Mathematics 51 04510

Grade Level	9	Credit/Semester	0.5
Prerequisite	04500 or Division Head Approval		

Students will advance their study of whole numbers, decimals, fraction, and percent and begin their study of variables and solving one-step equations.

Mathematics 52 04520

Grade Level	9-10	Credit/Semester	0.5
Prerequisite	045410 or Division Head Approval		

Students will work with mathematical problems including those focused-on Order of Operations, the use of variables, solving word problems and using mental math, solving basic equations and working with exponents.

Mathematics 53 04530

Grade Level	9-10	Credit/Semester	0.5
Prerequisite	04520 or Division Head Approval		

Students will continue to work with mathematical problems including those focused-on Order of Operations, the use of variables, solving word problems and using mental math, solving basic equations and working with exponents.

Mathematics 54 04540

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	04530 or Division Head Approval		

Students will continue the study of topics from Mathematics 50-53.

Mathematics 55 04550

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	04540 or Division Head Approval		

Students will complete the study of topics in Mathematics 50-54.

Probability and Statistics 04780

Grade Level	10-12	Credit/Semester	0.50
Prerequisite	None		

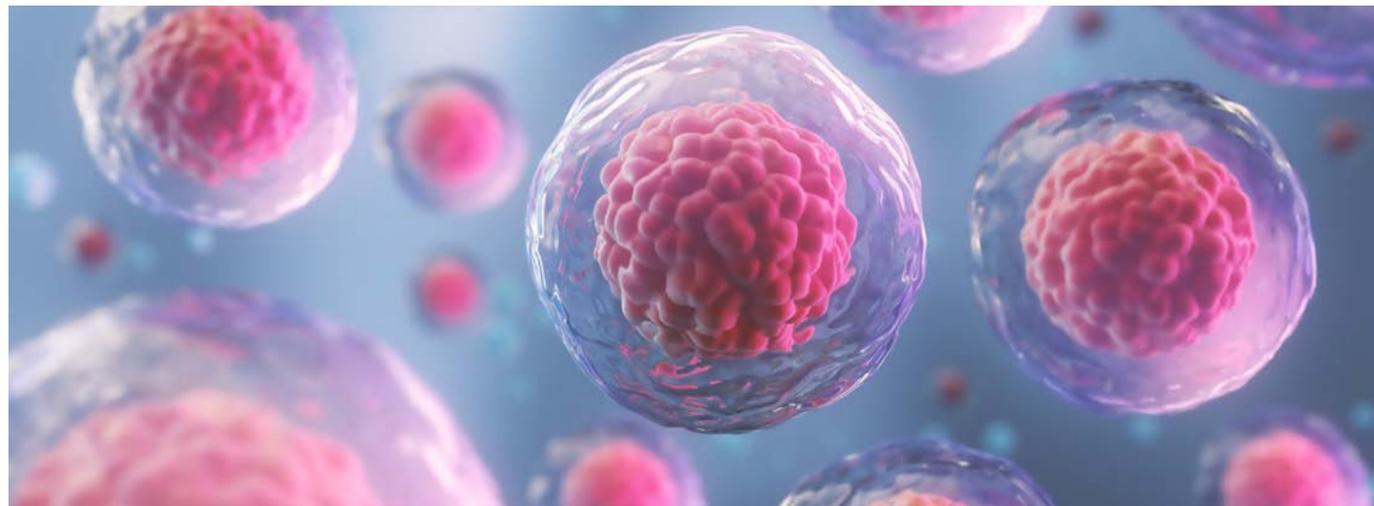
Students will explore probability topics including permutations, combinations, simple probability, odds, mathematical expectation, and conditional probability through Baye's formula along with statistics topics such as sample spaces, dependent events, hypothesis testing, and the normal distribution. Offered at PHS.



Course Descriptions

Science

Science



Advance Space Science 05330

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore a comprehensive study of the cosmos. Cosmologies, star evaluations, galaxies and the possibility of existence of extraterrestrial life will be investigated.

Advanced Biology 05341/05342

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore advanced concepts from the following six fields of study in life science molecular/cellular biology, genetics, microbiology, zoology, botany, and ecology.

Agricultural Biology 07981/07982

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate ideas concerning the commonality and diversity of all living organisms. Using agriculture as a learning vehicle, students will model and analyze the central concepts and interrelationships among the following topics cellular and chemical processes necessary for life, growth and reproduction in plants and animals, plant and animal genetics, and heritability of traits. Offered at RMHS

AP Biology 05411/05412

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop an understanding of an introductory college-level biology course. Students will cultivate their understanding of biology as they explore the following topics evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

AP Biology (Lab) 05421/05422

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent Enrollment in 05411/05412			

Students will engage in laboratory experiences that support the lecture presentation of the topics covered in AP Biology 05411/05412. This course must be taken concurrently with AP Biology 05411/05412.

AP Chemistry 05451/05452

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	05111/05112 or 05121/05122 and concurrent enrollment in 05161/05162 or 05461/05462			

Students will investigate the particulate nature of matter through the lens of four big ideas in Advanced Placement Chemistry scale, proportion and quantity; structure and properties; transformations; and energy. Specific topics to be modeled and analyzed include atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Chemistry (Lab) 05461/05462

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent Enrollment in 05451/05452			

Student will engage in lab practices that support the topics explored in AP Chemistry 05451/05452. This course must be taken concurrently with AP Chemistry 05451/05452.

AP Environmental Science 05431/05432

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	05021/05022, 05111/05112 and Division Head Approval			

In this lab-based course, students will investigate the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. In Advanced Place Environmental Science, students will identify natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them.

AP Physics 1 05201/05202

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical, algebra-based, understanding of an introductory college-level physics course. Students will cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves.

AP Physics C 05441/05442

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent enrollment or prior completion of 04860 or 04960			

Students will investigate Mechanics & Electricity and Magnetism in Advanced Placement Physics C, a calculus-based physics course. Students will cultivate their understanding of physics topics which include changes in motion, force interactions between objects, fields and conservation laws. Students will investigate phenomena using the science practices, while incorporating calculus.

AP Physics C (Lab) 05501/05502

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent enrollment in 05441/05442			

Student will engage in lab practices that support the lecture presentation of the topics covered in AP Physics C 05441/05442. This course must be taken concurrently with AP Physics C 05441/05442.

Applications of Sustainability 11190

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Introduction to Sustainability, Energy, Environment & Data recommended			

Students will use the scientific method, field testing, and data analytics to determine environmental, social and governmental impacts on sustainability. Students will conduct experimental investigations related to real world case studies, which will be examined through the lens of equity, social and environmental impacts. This is the second lab-based course in the Sustainability pathway sequence. This is the second lab-based course in the Sustainability, Energy, Environment and Data Analytics pathway. Offered at BGHS.



Biology 05021/05022

Grade Level	9-10	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop an understanding surrounding the commonality and diversity of all living organisms and their interactions with each other. This lab-based course will teach students to explore, construct, model and analyze the basic notion of life, including cellular and chemical processes necessary for life.

Biology 504 05041/05042

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop an understanding of the commonality and diversity of all living organisms and their interactions with each other. Students will explore, construct, model and analyze the basic notion of life, including cellular and chemical processes necessary for life. Topics explored in this course are similar to topics in 05021/05022 with additional support and differentiation.

Chemistry 05111/05112

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the particulate nature of matter. This lab-based course will teach students to explore, construct, model and analyze the structure of matter, energy, and the potential interactions matter undergoes.

Chemistry 514 05141/05142

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the particulate nature of matter. This lab-based course will teach students to explore, construct, model and analyze the structure of matter, energy, and the potential interactions matter undergoes. Topics explored in this course are similar to the topics in Chemistry 05111/05112 with additional support and differentiation.

College Geospatial Technology 67920

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn the Geographic Information System (GIS) is the process of combining different layers of maps to manipulate data and provide information. Today, it is used in every sector from politics, health, to business. This class includes introduction to GIS and careers, geographic concepts maps, scale, spatial patterns, map critiquing and designs. The final project includes solving a real-world problem using GIS information. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

College Introduction to Human Anatomy and Physiology 68340

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Completion of Honors Physics			

Students will learn about the human body, with emphasis on basic physical and chemical concepts, anatomy, physiology and embryology. Designed to meet the needs of students in certain allied health career programs. This is the second semester course paired with Honors Physics in Healthcare. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements, upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Introduction to Nanotechnology 66461/66462

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will learn to operate research equipment (such as a scanning electron microscope) to complete hands-on lab experiments in nanotechnology. Students will conduct a research-based investigation related to nanotechnology, developing their skills related to research methodology; employment of ethical research practices; and assessment, analyzation, and synthesis of information. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

Ecology 05260

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will study people and other living organisms interacting with the environment. Students will model and analyze fundamental ecological concepts such as ecosystems, population dynamics, abiotic factors, world biomes, balance in nature, and energy transfer.

Environmental Science 05250

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore the basic ecological principles applied in the study of mankind and its impact on the environment. Students will investigate, model and analyze the causes and effects of pollution, animal endangerment, natural resources and energy.

Experiential Medical Physiology and Biochemistry 05000

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	05021/05022, 05111/05112, Concurrent Enrollment in 05130, or Division Head Approval			

Students will have the opportunity to apply the experiences in 05130 via hospital visitation and clinical observation, both designed to develop healthcare career involvement.

Forensic Science 11230

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Completion of Biology and Chemistry			

Students will use their scientific skills and knowledge from biology and chemistry as they analyze crime scenes and formulate conclusions, using the tenets of NGSS—Claim, Evidence, Reasoning. Topics presented in this lab science will relate to Life Science (fingerprint analysis, analysis of blood and DNA, hair analysis, footprint casting) and Physical Science (toxicology studies, fiber analysis, blood spatter analysis, ballistics), and other disciplines such as Anthropology and Criminal Justice. Offered at RMHS.

Genetics 05180

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	05021/05022 and 05111/05112			

Students will explore, model, and apply an in-depth study of the structure and function of the human body. Students will also investigate an introduction to organic chemistry and biochemistry.

Honors Agricultural Biology 57981/57982

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Completion of Biology			

Students will investigate ideas concerning the commonality and diversity of all living organisms. Using agriculture as a learning vehicle, students will model and analyze the central concepts and interrelationships among the following topics cellular and chemical processes necessary for life, growth and reproduction in plants and animals, plant and animal genetics, and heritability of traits.

Honors Biology 05031/05032

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will develop an understanding of the commonality and diversity of all living organisms and their interactions with each other. This lab-based course will teach students to explore, construct, model and analyze the basic notion of life, including cellular and chemical processes necessary for life. Topics explored are similar to the topics in 05021/05022 at an increased pace and depth.

Science

Honors Chemistry 05121/05122

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the particulate nature of matter. This lab-based course will teach students to explore, construct, model and analyze the structure of matter, energy, and the potential interactions matter undergoes. Topics explored in Honors Chemistry are similar to the topics in Chemistry 05111/05112 at an increased pace and depth.

Honors Medical Physiology and Biochemistry 05130

Grade Level	12	Credit/Semester	0.5	NCAA
Prerequisite	05021/05022, 05111/05112, 05280 Concurrent Enrollment			

Students will explore, model, and apply an in-depth study of the structure and function of the human body. Students will also investigate an introduction to organic chemistry and biochemistry.

Honors Physical Science 05561/05562

Grade Level	10-12	Credit/Semester	0.5	
Prerequisite	None			

In this lab-based course, students will explore the topics of physical sciences such as physics, chemistry, earth science, and astronomy through a collaborative, problem-based approach. The course will examine several topics of pressing importance and students will make connections between science, politics, economics, and global policy. Students will develop and enhance skills related to measurement, graphing, data analysis, mathematical reasoning, modeling, and communication. The course requires additional challenging activities, assignments, projects, and presentations that go deeper into the topics and include more advanced readings.

Honors Physics 05171/05172

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the nature and properties of matter and energy. This lab-based course will teach students to explore, construct, model and analyze interactions between objects. Course work demands a high level of mathematical rigor.

Honors Physics in Healthcare 08160

Grade Level	11-12	Credit/Semester	0.5	
Prerequisite	Concurrent Enrollment in a Health Careers Pathway Course			

In this lab-based course, students will investigate the human body and health careers using an algebra-based, physics lens. Students will model and analyze topics which include motion, forces, inertia, momentum, impulse, work, energy, wave, sound, light and optics. This first semester course is paired with a second semester study of College Introduction to Human Anatomy and Physiology (68340).

Human Physiology 05280

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will investigate, model and analyze an in-depth study of the structure and function of human systems.

Human Physiology 2 05360

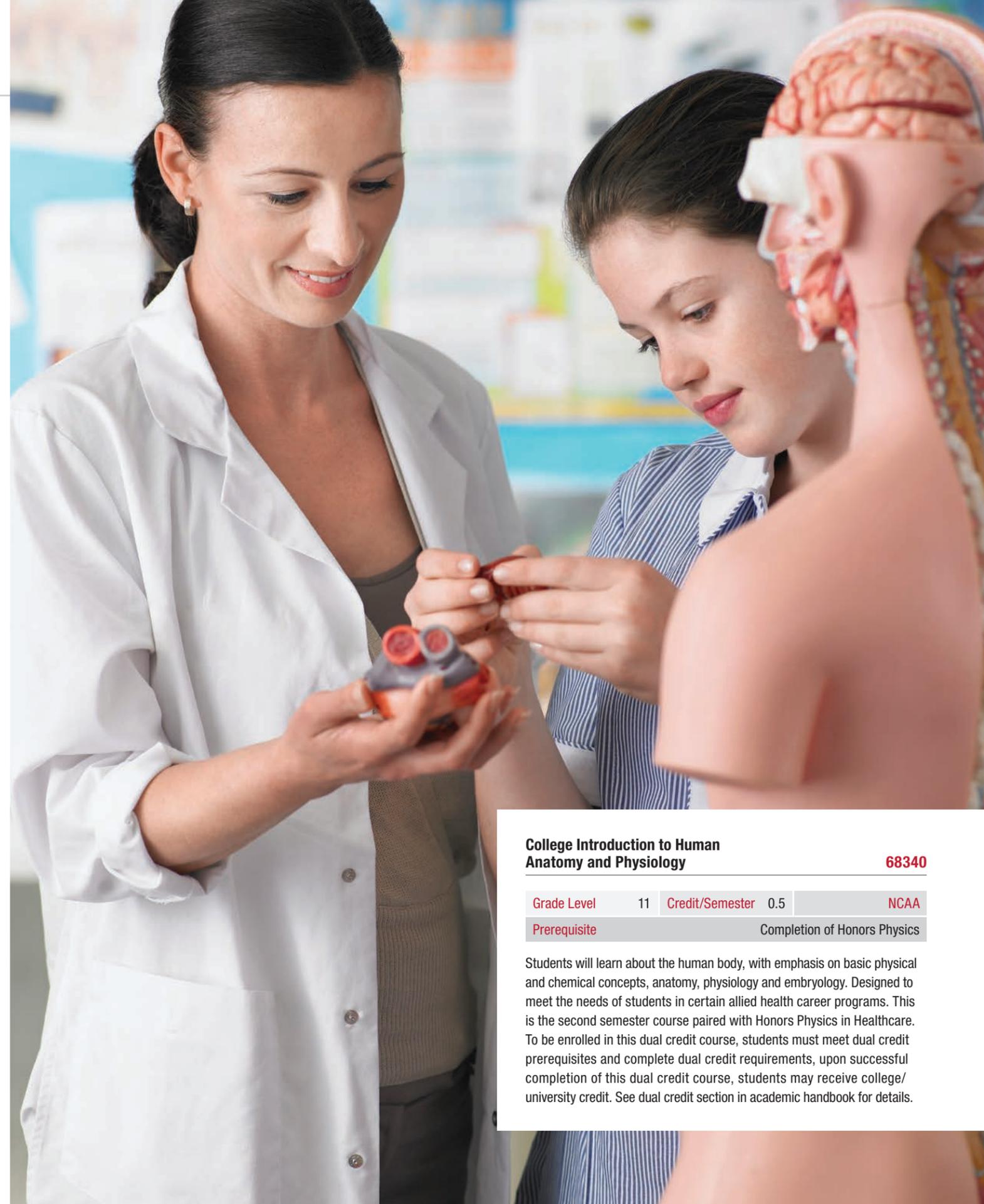
Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore the human body, health, diseases, and medically related careers not experienced in Human Physiology 1. Students will investigate, model and analyze areas of anatomy and physiology including major body systems, the cardiovascular system, the respiratory system, the endocrine system, the reproductive system, the lymphatic system, and digestive system.

Introduction to Sustainability, Energy, Environment & Data 11180

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will use the scientific method to design experiments and analyze data in the fields of sustainability, energy, environmental science, and data analytics in this introductory lab-based science course. Students will learn from community partners about different college and career opportunities related to this field. This is the first course in the Sustainability, Energy, Environment and Data Analytics pathway. Offered at BGHS.



College Introduction to Human Anatomy and Physiology 68340

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Completion of Honors Physics			

Students will learn about the human body, with emphasis on basic physical and chemical concepts, anatomy, physiology and embryology. Designed to meet the needs of students in certain allied health career programs. This is the second semester course paired with Honors Physics in Healthcare. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements, upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

Science

Oceanography 05270

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore an introduction to oceanography. Students will investigate, model and analyze the geological, physical, chemical and biological properties of the sea and sea life, including shoreline development, ocean basin, topography, waves, current, properties of salt water and marine organisms.

Physical Science 05071/05072

Grade Level	10-12	Credit/Semester	0.5	
Prerequisite	None			

In this lab-based course, students will explore the topics of physical sciences such as physics, chemistry, earth science, and astronomy through a collaborative, problem-based approach. Students will develop and enhance skills related to measurement, graphing, data analysis, mathematical reasoning modeling, and communication. Students will be encouraged to explore the relationship between science and everyday life on political, economic, and policy levels.

Physics 05161/05162

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the nature and properties of matter and energy. This lab-based course will teach students to explore, construct, model and analyze interactions between objects.

Physics 05191/05192

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop a conceptual and mathematical understanding of the nature and properties of matter and energy. This lab-based course will teach students to explore, construct, model and analyze interactions between objects. Topics explored in Physics 519 are similar to the topics in Physics 05161/05162 with additional support and differentiation.

Sustainability of Our Dynamic Planet 11255

Grade Level	10-12	Credit/Semester	0.50	NCAA
Prerequisite	None			

Students will examine and analyze the physical systems of the Earth through the lens of human interaction and sustainable practices. In this lab-based course, students will examine the impact of sustainable practices on these processes and propose solutions to human impacts on these systems. Course topics will focus on the dynamic interactions among the Earth's solid surface (earthquakes, volcanoes, tectonics), atmosphere (weather, climate, cycles), and biosphere (natural resources, rocks/minerals, fossil fuels. This is the third course in the Sustainability pathway. Offered at BGHS.

Sustainable Aquatic Systems 11254

Grade Level	10-12	Credit/Semester	0.50	NCAA
Prerequisite	None			

Students will examine and analyze the ecological, social, and economic aspects of sustainable aquatic systems management. In this lab-based course, students will develop their understanding of the complex challenges and opportunities of sustainable aquatic systems management and apply this knowledge to real-world situations. Topics include water pollution/eutrophication, water rights/access, flood mitigation and management, agriculture, aquatic life/biodiversity/fisheries, maintaining aquatic biodiversity and conservation, and ocean and climate (thermoregulation). This is the fourth course in the Sustainability pathway. Offered at BGHS.

Zoology 05310

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore, model and analyze animal anatomy and physiology with an emphasis on comparative study of the taxonomic groups.



Social Science

Social Science



Advanced Legal Concepts 07910

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07880, 07890 and Division Head Approval			

Students will apply the principles they learned in previous law pathway courses. Students in this class will also explore advanced legal concepts and legal issues. Students will engage with professionals from the legal field and investigate and develop solutions to a real-world career and engage in simulations where they can apply learned concepts.

American Law 07790

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn about America's legal system and will have an opportunity to explore potential careers within the field of law. This course will cover an overview of civil law, criminal law, constitutional law, individuals' rights, prejudice, and American attitudes. Students gain insight into the causes and consequences of legal and societal problems that they face in the United States today.

American Studies: U.S. History 07611/07612

Grade Level	11	Credit/Semester	0.5	NCAA
Prerequisite	Concurrent Enrollment or 04181/04182 or Division Head Approval			

Students will acquire a deeper understanding of their cultural heritage through an interdisciplinary approach through American History and American Literature and Expository Writing. The literature will appear within a historical context, and the important trends and themes will be humanized by the presence of creative arts. This course meets the U.S. History requirement.

AP African American Studies 11241/11242

Grade Level	10-12	Credit/Semester	0.50	
Prerequisite	None			

Students will develop a greater understanding of African American history from its origin to present. The course is interdisciplinary and draws from literature, political science, geography and the sciences to delve into the contributions and experiences of African Americans. This course will prepare students to take the Advanced Placement exam. Offered at RMHS.

AP Economics – Micro & Macro 07931/07932

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn broad economic theories and principles such as supply and demand, the profit maximizing production level for firms, decisions regarding the use of labor and other resources, and the role of government in economics. This course will prepare students to take the Advanced Placement Exam. This course satisfies the Illinois State Consumer Education graduation requirement.

AP European History 07671/07672

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will use historical thinking skills to analyze European History. Students will learn to analyze primary documents—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. This course will prepare students to take the Advanced Placement exam.

AP Human Geography 09351/09352

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will learn how early civilizations throughout the world developed beliefs about the nature of the world and how these and other beliefs resulted in laws, religions, languages, economics, communication, and technology that have shaped the modern world. This course will prepare students to take the Advanced Placement exam. This course satisfies the district's graduation requirement for civics.

AP Psychology 07761/07762

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will acquire understandings equivalent to those gained in a college level introductory course. This course is an accelerated study of psychology. Coursework will offer a general study of concepts and theories of the biological bases, learning, development, personality and social psychology. This course will prepare students to take the Advanced Placement Exam.

AP U.S. Government and Politics 07871/07872

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will develop an understanding of the nature of governmental decisions and political power in the United States by discussing such topics as the constitutional foundations of American government, political parties and interest groups, civil rights, and civil liberties. This course will prepare students to take the Advanced Placement Exam.

AP U.S. History 07661/07662

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will use historical thinking skills to analyze US History. Students will learn to analyze primary documents—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. This course will prepare students to take the Advanced Placement exam.

AP World History 07651/07652

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

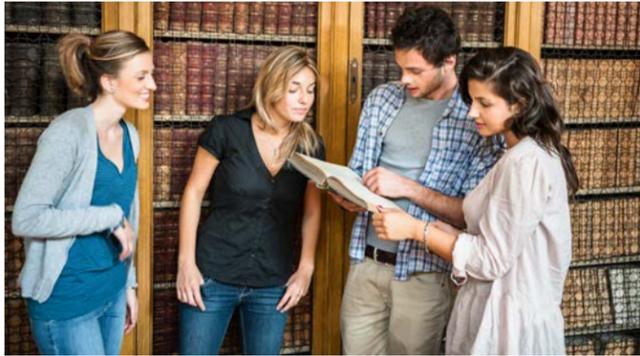
Students will develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. Using their knowledge and skills, students will explore comparisons among major societies. This course will prepare students to take the Advanced Placement exam.

Civics 59950

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will gain understanding of the purposes, principles and practices of American government as established by the United States Constitution. Students will understand their rights and responsibilities as American citizens and how to exercise these rights and responsibilities in local, state, and national government. This course meets the civic graduation requirement.

Social Science



College Legal Research and Argument 69590

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn about legal research and the preparation of written arguments and the delivery of oral arguments advocating for the position on a mock client. The course will include role-playing simulations in which students represent attorneys in simulated appellate court proceedings. The focus will be on the analysis of the substantive legal and constitutional issues involved in the annual American Undergraduate Moot Court Association case problem, which changes from year to year. Course topics also include how to locate, read and analyze Supreme Court opinions and statutes, writing strategies for legal briefs, oral argument strategy, and general court structure and procedure. Students will travel to attend at least one intercollegiate moot court competition per semester of enrollment as determined by the instructor. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Macroeconomics 67930

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will explore the policy options, such as changes in taxation, government spending, the money supply or interest rates, available to government agents to achieve the goal of stable prices, high employment, and steady growth. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Microeconomics 67940

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will explore consumer behavior, how firms decide upon profit-maximizing price and output rates under various market conditions, and of the labor and capital markets. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Middle Eastern Politics 67850

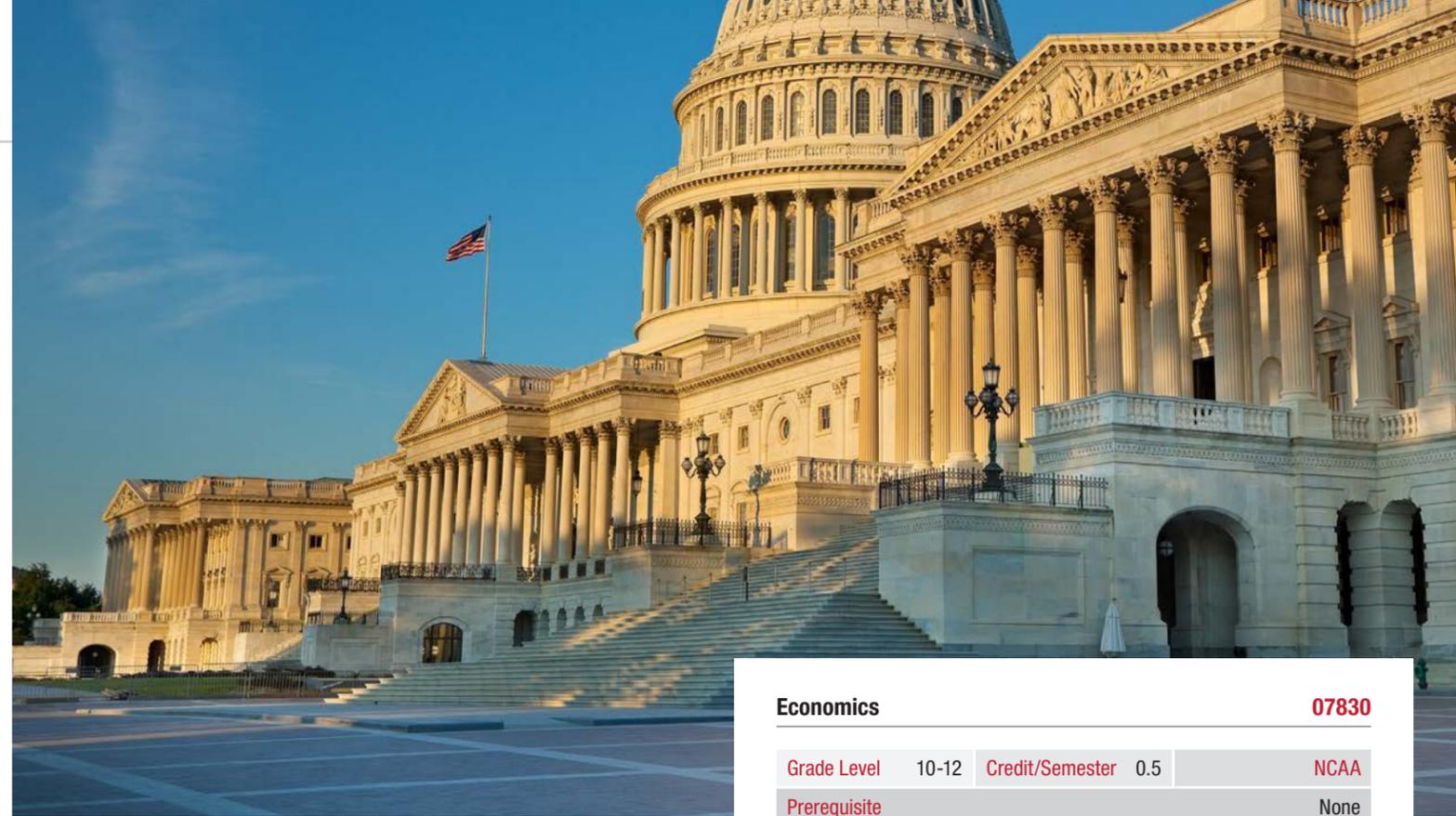
Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will gain understanding of Middle Eastern political, social, economic, military, religious and terrorist forces in the Middle East. Students will investigate the politics of countries in the area. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College World Religions 67630

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07810			

Students will examine both contemporary and ancient texts to connect cultural and historical themes that have existed throughout diverse civilizations and compare and contrast the cultures and religions in the context of their social and historical origins. See dual credit section in academic handbook for details. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.



Constitutional Law 07890

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07790			

Students will focus on the legal issues raised by the United States Constitution. Students will develop legal reasoning and communication through the analysis and discussion of the principles of law. Students will explore careers within the legal career pathway.

Criminal and Civil Law 07880

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07790			

Students will investigate fundamental legal elements of criminal and civil law, the interpretation of law through the courts, and the relationships between law, society, and the justice system. The course will focus on the development of legal reasoning and communication through the analysis and discussion of the principles of law. Students will explore careers within the legal career pathway.

Economics 07830

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to a broad range of economic theories and principles. Coursework will address business, banking, labor, international trade, production, distribution, consumption, investment, and supply and demand. This course satisfies the Illinois State Consumer Education graduation requirement.

Honors Human Geography 09421/09422

Grade Level	9	Grade/Semester	0.5	
Prerequisite	None			

Students will understand, identify, recognize, and utilize the different principles and responsibilities of governmental power. During semester projects, students will apply their knowledge to access and make use of the different levels and systems of government. Students will have the opportunity to earn Honors credit by incorporating additional components of the Illinois State Civics Standards on unit assessments/projects.

Honors Latin American Studies 16990

Grade Level	10-12	Grade/Sem	0.5	
Prerequisite	None			

Students will focus on patterns and themes regarding Latinx history and experiences in the world today, specifically, the United States. Students will develop critical thinking and research skills through the thematic analysis of major issues that impact members of the Latinx community in modern times.

Human Geography 09301/09302

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will understand the world's physical features, how they blend with social systems and how they affect economies, politics, and human interaction. This course is designed for students who will need to study and practice basic writing and reading within the content of social science. This course satisfies the district's graduation requirement for civics.

Human Geography 09311/09312

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will understand the world's physical features, how they blend with social systems and how they affect economies, politics, and human interaction. By understanding how political and economic systems influence international events, students will develop the skills and knowledge they will need to be contributing citizens. This course satisfies the district's graduation requirement for civics.

Human Geography Integrated 11201/11202

Grade Level	9	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will take an interdisciplinary approach to English and Human Geography to give students more opportunity to develop literacy and higher level thinking skills. Students will use literature and writing to connect historical and cultural themes that have prevailed throughout history. This course meets the language arts/ social science graduation requirements.

Latin American History 07000

Grade Level	10-12	Credit/Semester	0.50	NCAA
Prerequisite	None			

Students will gain an appreciation for the rich and complex history of Latin America while developing critical thinking and research skills through thematic analysis of the five stages of Latin American history including Pre-Columbian, Colonization by Spain and Portugal, Independence, and Development of Modern Latin America. As a result of this comprehensive exploration, students will develop a deeper understanding of how historical events shaped the core essence of Latin American Studies and the experience of Latin Americans in the United States.

Latin American Studies 06990

Grade Level	10-12	Grade/Semester	0.5	NCAA
Prerequisite	None			

Students will focus on patterns and themes regarding Latinx history and experiences in the world today, specifically, the United States in this general education course. Students will develop critical thinking and research skills through the thematic analysis of major issues that impact members of the Latinx community in modern times.

Political Science 07840

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be exposed to America's political system with an emphasis on origins and development. Student learning will focus on the executive and legislative branches, the courts, law enforcement, pressure groups, and political behavior.



Psychology 1 07740

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will engage in a behavioral study of oneself in relationship to human group behavior. Specific units will include sociological methodology, cultures, institutions, values, marriage, family, sexuality, and social issues.

Psychology 2 07750

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07740			

Students will continue their study of the field of psychology. Student learning will expand to more in-depth units such as abnormal psychology, treatment, social psychology and more.

Social Science 07561/07562

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will be introduced to the multiple disciplines of social science sociology, economics, anthropology, psychology, geography, and political science. The coursework will stress critical thinking, note taking, vocabulary and other social study skills. The course fulfills the graduations requirement for civics.

Sociology 07700

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will study oneself as an individual and his relationships to his social environment. Student learning will emphasize methods, concepts, and the analysis of various social phenomena. Specific units of study include the concept of culture, social stratification, diversity, interpersonal relationships, marriage and the family, and death and dying.

Sociology 1 07710

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will study oneself in relationship to human group behavior. Student learning will emphasize methods, concepts, and the analysis of various social phenomena. Specific units of study will include the concept of culture, social stratification, diversity, interpersonal relationships, marriage and the family, and death and dying.

Sociology 2 07720

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07711/07712			

Students will to study oneself in relationship to human group behavior. Student learning will focus on the following specific units sociological methodology, cultures, institutions, values, marriage, family, sexuality and social issues.

Sociology of Service Learning – Fall 09330

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will apply sociological theory to the study of human behaviors in various community contexts including traditional and special education settings as well as in a variety of local social service agencies. Students will identify needs in the community, develop programs, and participate in existing programs that meet the needs of the school and the community.

Sociology of Service Learning-Spring 09340

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will apply sociological theory to the study of human behaviors in various community contexts including societal groups that lack equal access to wealth, power, and prestige in our community. Students will combine academic knowledge and experiential "hands on" learning with a focus on the elderly, minority groups, and the homeless.

U.S. History 07641/07642

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will investigate the history of America from the age of discovery to the present. The material may be presented in either chronological or thematic units. Students will also engage in topics such as the federal and state constitutions, Declaration of Independence, and the flag code; which will prepare them for the Constitution test, which is a graduation requirement.

Social Science

U.S. History 09381/09382

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will learn the history of America from the age of discovery to the present. Students take the federal and state constitutions, Declaration of Independence, and flag code test required for graduation. This course meets the U. S. History graduation requirement.

World History 07581/07582

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Placement/Division Head Approval			

Students will learn about the development of civilization from prehistoric times to the present day. Topics will include how governments evolved, religion, developments in science and technology; conflict; and the arts. Students will evaluate the contributions of the civilizations of Africa, Asia, Europe and the Americas; and how those contributions have influenced the current world order.

World History 09371/09372

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will learn about the development of civilization from prehistoric times to the present day. Students will evaluate the contributions of the civilizations of Africa, Asia, Europe and the Americas; and how those contributions have influenced the current world order.

World Religions 1 07810

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will develop reading and writing skills in an effort to expand analytical thinking skills as they will study the cultures and religions of the world. Students will examine both contemporary and ancient texts to connect cultural and historical themes that have existed throughout diverse civilizations. This course will encourage opportunities to compare and contrast Eastern cultures and religions.

World Religions 2 07820

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will develop reading and writing skills in an effort to expand analytical thinking skills as they will study the cultures and religions of the world. Students will examine both contemporary and ancient texts to connect cultural and historical themes that have existed throughout diverse civilizations. This course will encourage opportunities to compare and contrast Western cultures and religions.

World Studies: Social Science 07571/07572

Grade Level	10	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will take an interdisciplinary approach to English and World History to give students more opportunity to develop literacy and higher-level thinking skills. Students will use literature and writing to connect historical and cultural themes that have prevailed throughout history.



Course Descriptions

World Languages

World Languages



American Sign Language 1 & 2 60271/60272

Grade Level	12	Credit/Semester	0.75	NCAA
Prerequisite	None			

Students will be introduced to American Sign Language focusing on comprehension and production of basic language functions, grammatical structures and level-appropriate vocabulary first semester. Students will review vocabulary, language functions and grammatical structures second semester. This course will present and integrate additional information about deaf culture into language usage. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

AP Chinese Language and Culture 07301/07302

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07311/07312 and Division Head Approval			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP French Language 07101/07102

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07051/07052 or 07071/07072 and Division Head Approval			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP German 07201/07202

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07161/07162 or 07181/07182 and Division Head Approval			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP Italian Language and Culture 07261/07262

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07031/07032 or 07041/07042			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP Japanese Language and Culture 07291/07292

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07531/07532			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP Spanish Language 07431/07432

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07391/07392			

Students will master advanced language concepts in reading, writing, speaking, and listening. Students will have the opportunity for written and spoken self-expression. This course will prepare students to take the Advanced Placement Examination as well as college entrance examinations.

AP Spanish Literature 07371/07372

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07381/07382 or 07401/04002 and Division Head Approval			

Students will engage in the study of Spanish and Latin American literary texts. Students will apply their knowledge of the Spanish language and Hispanic cultures. This course will prepare students to take the College Board Advanced Placement Exam as well as college entrance examinations.

Balto-Slavic Language for Heritage Speakers 2 11211/11212

Grade Level	9-12	Credit/Semester	0.50	NCAA
Prerequisite	None			

Students will expand their knowledge of their own tongue (e.g., Polish, Armenian, Serbo-Croatian, Lithuanian, Ukrainian, etc.) through support and reinforcement. This course will build on the rudiments and structure of the language and working vocabulary that students already have for their native language, as well as emphasize literacy development (with a study of literature and composition). Students will also further their knowledge of their language and cultures and increase oral proficiency.

College Intermediate Spanish-1/2 67381/67382

Grade Level	11-12	Credit/Semester	0.5	
Prerequisite	Spanish 3			

Students will review grammar; practice in conversation and composition; reading of selected Spanish material. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

French 1 07001/07002

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to the target language and culture with a focus on listening, speaking, reading and writing. Students will develop topical vocabulary and knowledge of elementary grammar. Students will also gain insight into a variety of cultures through geography, class discussions and readings.

French 2 07021/07022

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07001/07002 or Equivalent			

Students will expand on the skills introduced in level 1. Students will engage in reading and writing activities, which reinforce the listening and speaking activities. In addition, students will develop the ability to read and write for educational and recreational purposes. Students will refine their cultural knowledge through films, songs, articles and supplementary readings.

German 1 07121/07122

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to the target language and culture with a focus on listening, speaking, reading and writing. Students will develop topical vocabulary and knowledge of elementary grammar. Students will also gain insight into a variety of cultures through geography, class discussions and readings.

German 2 07131/07132

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07121/07122 or Equivalent			

Students will expand on the skills introduced in level 1. Students will engage in reading and writing activities, which reinforce the listening and speaking activities. In addition, students will develop the ability to read and write for educational and recreational purposes. Students will refine their cultural knowledge through films, songs, articles and supplementary readings.



Honors French 3 07061/07062

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07021/07022			

Students will be exposed to more complex materials in grammar and the basic skills. Students broaden their skills in listening, comprehension, speaking, reading and writing. Listening activities are further developed with the use of video presentations and laboratory activities. In addition, students refine their cultural perception through exposure to French films, French contemporary songs, and French magazine articles.

Honors French 4 07081/07082

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07050/07052			

Students will attain a high degree of competency in reading, writing, listening, and speaking in the target language. Students will explore a variety of literary periods. Students will engage in vocabulary development, complex grammatical structures and cultural comparisons through readings and laboratory activities. Students will continue to develop composition skills and oral communication.

Honors German 3 07161/07162

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07131/07132			

Students will expand their knowledge of the language and reinforce the skills introduced in levels 1 and 2. Students will focus on developing composition skills, and speaking the language in non-structured situations, including language lab activities. Students will be introduced to literature, the arts, and history in the target language.

Honors German 4 07181/07182

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07151/07152			

Students will attain a high degree of competency in reading, writing, listening, and speaking in the target language. Students will explore a variety of literary periods. Students will engage in vocabulary development, complex grammatical structures and cultural comparisons through readings and laboratory activities. Students will continue to develop composition skills and oral communication.

Honors Italian 3 07031/07032

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07461/07462			

Students will expand their knowledge of the language and reinforce the skills introduced in levels 1 and 2. Students will focus on developing composition skills, and speaking the language in non-structured situations, including language lab activities. Students will be introduced to literature, the arts, and history in the target language.

Honors Italian 4 07041/07042

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07471/07472			

Students will attain a high degree of competency in reading, writing, listening, and speaking in the target language. Students will explore a variety of literary periods. Students will engage in vocabulary development, complex grammatical structures and cultural comparisons through readings and laboratory activities. Students will continue to develop composition skills and oral communication.

Honors Japanese 3 07591/07592

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07511/07512			

Students will expand their knowledge of the language and reinforce the skills introduced in levels 1 and 2. Students will focus on developing composition skills, and speaking the language in non-structured situations, including language lab activities. Students will be introduced to literature, the arts, and history in the target language.

Honors Japanese 4 07601/07602

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07521/07522			

Students will attain a high degree of competency in reading, writing, listening, and speaking in the target language. Students will explore a variety of literary periods. Students will engage in vocabulary development, complex grammatical structures and cultural comparisons through readings and laboratory activities. Students will continue to develop composition skills and oral communication.

Honors Mandarin Chinese 3 07241/07242

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07231/07232			

Students will expand their knowledge of the language and reinforce the skills introduced in levels 1 and 2. Students will focus on developing composition skills, and speaking the language in non-structured situations, including language lab activities. Students will be introduced to literature, the arts, and history in the target language.

Honors Mandarin Chinese 4 07311/07312

Grade Level	11-12	Credit/Semester	0.5	NCAA
Prerequisite	07241/07242 and Teacher Recommendation			

Students will attain a high degree of competency in reading, writing, listening, and speaking in the target language. Students will explore a variety of literary periods. Students will engage in vocabulary development, complex grammatical structures and cultural comparisons through readings and laboratory activities. Students will continue to develop composition skills and oral communication.

Honors Spanish 3 07391/07392

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	07351/07352 or 07361/07362			

Students will expand their knowledge of the language and reinforce the skills introduced in levels 1 and 2. Students will focus on developing composition skills, and speaking the language in non-structured situations, including language lab activities. Students will be introduced to literature, the arts, and history in the target language.

Italian 1 07451/07452

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to the target language and culture with a focus on listening, speaking, reading and writing. Students will develop topical vocabulary and knowledge of elementary grammar. Students will also gain insight into a variety of cultures through geography, class discussions and readings.

Italian 2 07461/07462

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07451/07451			

Students will expand on the skills introduced in level 1. Students will engage in reading and writing activities, which reinforce the listening and speaking activities. In addition, students will develop the ability to read and write for educational and recreational purposes. Students will refine their cultural knowledge through films, songs, articles and supplementary readings.

World Languages

Japanese 1 07501/07502

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to the target language and culture with a focus on listening, speaking, reading and writing. Students will develop topical vocabulary and knowledge of elementary grammar. Students will also gain insight into a variety of cultures through geography, class discussions and readings.

Japanese 2 07511/07512

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07501/07502			

Students will expand on the skills introduced in level 1. Students will engage in reading and writing activities, which reinforce the listening and speaking activities. In addition, students will develop the ability to read and write for educational and recreational purposes. Students will refine their cultural knowledge through films, songs, articles and supplementary readings.

Spanish 1 07331/07332

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will be introduced to the target language and culture with a focus on listening, speaking, reading and writing. Students will develop topical vocabulary and knowledge of elementary grammar. Students will also gain insight into a variety of cultures through geography, class discussions and readings.

Spanish 2 07341/07342

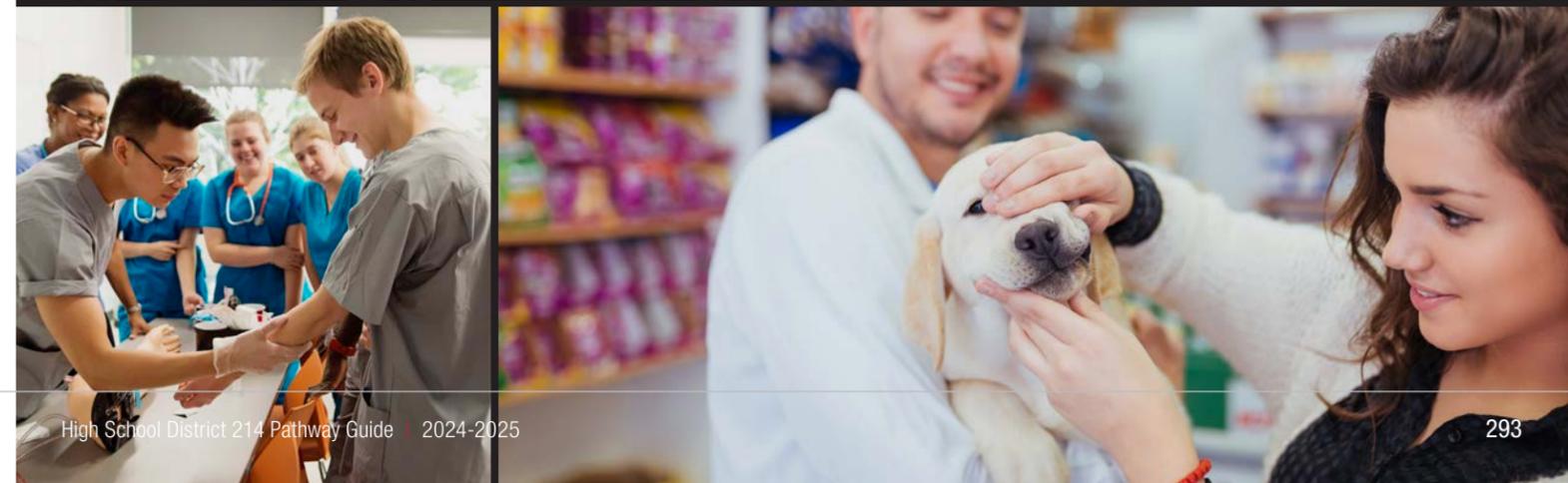
Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	07331/07332 or Equivalent			

Students will expand on the skills introduced in level 1. Students will engage in reading and writing activities, which reinforce the listening and speaking activities. In addition, students will develop the ability to read and write for educational and recreational purposes. Students will refine their cultural knowledge through films, songs, articles and supplementary readings.

Spanish for Heritage Learners 2 07361/07362

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	Teacher Recommendation			

Students will be introduced to the formal study of Spanish and Latin American literary texts, from medieval times through the present. The course content reflects the equivalent of a third-year college course. Students will learn the biographical, historical, and cultural information related to each particular reading in order to fully conceptualize the work. Text analysis, thematic analysis, poetry analysis, literary terminology, and essay development will also be covered in great depth. Students will also further their knowledge of the Spanish language and Hispanic cultures and increase oral proficiency. This course will prepare students to take the College Board Advanced Placement Exam as well as college entrance examinations.



Career and Technical Education

Agriculture, Food, and Natural Resources

College Sustainable Urban Agriculture 68390

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn principles of sustainable agriculture for urban production. Includes the ethical, practical and scientific aspects of agricultural sustainability addressing economic, social and environmental impacts of food and urban farming. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: College of DuPage.

Food Science 08350

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Completion of a Biology		

Students will develop basic scientific knowledge and skills pertaining to management of plant and animal production. Topics in plant production include major phases of plant growth and production decisions. Topics in animal production include major phases of animal agriculture and production decisions. Offered at RMHS.

Introduction to Agriculture Pathway 08360

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Completion of Biology		

Students will explore the agricultural industry, specifically in areas of food, fiber, and natural resources, and discover the economic, social, and environmental implications of sustainable practices. Student will cover basic concepts in the animal, food, plant, and environmental sciences in preparation for advanced agricultural coursework and explore career opportunities in agriculture.

Veterinary Science 04370

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Completion of a Biology		

Students will be introduced to the field of veterinary science. Major topics include veterinary terminology, safety, sanitation, anatomy/physiology, clinical exams, hospital procedures, parasitology, pathology, laboratory techniques, nutrition, disease, office management, and animal management. Various careers will be explored. Offered at RMHS.

Veterinary Science II 08380

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	Completion of Agriculture Biology and Veterinary Science I		

Students will explore scientific concepts relating to the anatomy, physiology, genetics, reproduction, parasitology, pathology, nutrition, and disease of companion animals and livestock. Students will explore veterinary and medical careers through hands-on-labs. Students will explore the role animals play in daily life, as well as animal ethics and welfare issues. Offered at RMHS.



Veterinary Assisting 11170

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Completion of Veterinary Science I and Veterinary Science II		

Students will continue developing the skills needed to assist veterinarians and veterinary technicians in providing medical care to sick and injured animals and to assist with examinations, hospital procedures, surgical preparation, and laboratory tests. Students will also learn how to help in a veterinary office and with customer relations. Students will have the opportunity to participate in hands-on work-based learning experiences in a veterinary setting to get real-life experience in the veterinary field. Offered at RMHS.

Arts, Audiovisual Technology and Communication

College Advanced Graphic Arts 66301/66302

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	06260 or 06440		

Students will prepare for post-secondary experiences in the graphic arts industry. This capstone course can lead directly to a number of post-secondary institutions that award certificated, associate and baccalaureate degrees, and establishes skills that transition directly into the workspace. This class's production-oriented atmosphere challenges students to build on previous course work and become self-directed learners who create professional, high profile printing projects. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

Digital Media Production 09531/09532

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will focus on the mass communications career pathway. Beginning instruction is offered in the areas of studio camera operation, audio engineering, lighting theory, writing for a script, directing, and nonlinear editing with an emphasis on underlying principles of various digital media technology.

Graphic Arts Design 06440

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn graphic arts software, which includes Adobe Photoshop, Illustrator, and In Design desktop publishing. They will also have an opportunity to plan, design, and produce silk screening products. This course is team taught by the art and graphic arts departments and meets the fine arts requirement when taken in conjunction with Graphic Design 1 (01260).

Graphic Arts Technology 1 06250

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will receive an overview of the graphic arts industry and will give them an opportunity to be involved with hands-on experiences in lithography and screen-printing. Each student will have opportunities to gain an insight into the graphic arts industry in order to investigate a possible career.

Graphic Arts Technology 2 06260

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	06250		

Students will further their investigation into a career in graphic arts. The students will concentrate on lithography and screen printing in addition to desktop publishing, layout and design, and screen print-ing. Students will have ample time to develop and explore job skills.



Graphic Arts Technology 3 06270

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	06260		

Students will further their investigation into a career in graphic arts. The students will concentrate on screen printing, desktop publishing, layout and design. Students will have ample time to develop and explore job skills.

Graphic Arts Technology 4 06280

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	06270		

Students will be given insight into the graphic arts industry. Students enrolled in this course will devel-op basic job entry skills in desktop publishing and screen-printing, and will be able to make decisions about pursuing a career in graphic arts.

Media Technology 1 06950

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will be introduced to the methods, software, and equipment used in television and radio broadcasting. Students will learn the basics of camera operation, lighting and audio techniques, and editing methods used in the production of video. Students will also learn to create multimedia presentations that can be used in other academic and vocational environments.

Media Technology 2 06960

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will demonstrate the fundamental principles of video production applying the concepts and skills learned in the introductory course, Media Technology 1. Students will have the opportunity to use equipment and software independently to create video.

Media Technology 3 06970

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will experience hands-on television broadcast setting. Students will also focus on the enhancement of storyboards and how ethical issues affect the media industry. Concepts taught in Media Technology 1 and 2 will be developed to produce high quality video productions.

Media Technology 4 06980

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will focus on the design, writing, and production of a variety of program formats to be used exclusively for community broadcast. Students will build upon their experiences from Media Technology 1, 2, and 3 to produce extended segments from concept through postproduction and distribution.

Production & Editing 1 09540

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will develop basic skills in field production and editing, with an emphasis on nonfiction. Each student will learn and practice the fundamentals of field production in terms of conceptual development, research and planning and finally editing and project management.

Production & Editing II 09550

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	09540 and Division Head Approval		

Students will gain intermediate technical and aesthetic skills in field shooting and editing. Through a series of shooting and editing exercises, students will further develop skills introduced in Production & Editing I. These concepts will be implemented through a series of exercises culminating in the creation of an original student final video project.

Finance and Business Services/Finance/Marketing

College Accounting 65551/65552

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn accounting as an information system that produces summary financial statements primarily for users external to a business. Emphasizes the reporting of the effect of transactions and other economic events on the financial statements, accrual v. cash basis, the accounting cycle, monetary assets, inventories, fixed assets, current and long-term liabilities, and owner's equity. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

College Business 65641/65642

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn marketing as a focus on methods involved in business systems. Topics include marketing mix, research, & segmentation, consumer behavior, product planning, branding and packaging, retail and wholesale operations, advertising plans, marketing planning sales promotion techniques, break-even analysis, global marketing, careers in marketing, economic systems, and business ethics. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

College Entrepreneurship 1 65681/65682

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will have an authentic entrepreneurship experience, allowing them to create and fully develop their own product or service. Real entrepreneurs and business experts serve as volunteer coaches and mentors guiding student teams through the "Lean Startup" processes. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

College Financial Accounting 65550

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn accounting as an information system that produces summary financial statements primarily for users external to a business. Emphasizes the reporting of the effect of transactions and other economic events on the financial statements, accrual v. cash basis, the accounting cycle, monetary assets, inventories, fixed assets, current and long-term liabilities, and owner's equity. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

College Managerial Accounting 65560

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	65550		

Students will be provided an overview of the principles, techniques, and uses of accounting in the planning and control of business organizations from a management perspective. Coverage includes types of costs, types of budgets and their uses, cost-volume-profit relationship, product costing methods, forecasting, and managerial decision making processes. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

Career and Technical Education



College Principles of Marketing 65733

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will be introduced to the theories and practices of marketing. Students will learn about and apply concepts and skills related to market analysis and strategy, situation analysis, and execution of the marketing mix. Coverage includes creation, communication, and delivery of value to targeted audiences, selected through the process of segmentation, targeting, and customer analysis, and concludes with the development of an effective marketing plan. This course provides an introduction to the theories and practices of marketing.

Entrepreneurship 2 05751/05752

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	05682 or Consent of Instructor		

Students will build on what they learned in Entrepreneurship 1 with continued emphasis on developing and running a small business.

Finance and Investing 11253

Grade Level	9-12	Credit/Semester	0.50
Prerequisite	None		

Students will explore the principles of finance and investment including the concept of the time value of money and the impact of global markets and institutions. Students will apply investment theories and demonstrate their knowledge through active trading using a virtual market simulation in team-based competitions. This course explores the structure of the financial system, including the role of individual participants, investment banks, asset managers, the Central Bank, and other players in the economy. This course is recommended for students who are considering careers in finance or business as well as those seeking to understand how to build a personal investment portfolio.

Introduction to Business 05601/05602

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will understand how economics relates to everyday living in the business world for the work-er, consumer, and citizen. Students will learn about banking, insurance, credit, practical money management, consumer protection, communications, and career planning.

Marketing 05733

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore the functions of marketing and its implementation into a wide range of businesses. Topics include marketing strategy, customer behavior, segmentation, social media, market research, product management, distribution, pricing, promotion, personal selling, and marketing analytics. Through successful completion of the course, students will have the skillset to see the bigger picture to help successfully leverage marketing tools for their own environment and purpose.

Personal Finance 06210

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will gain a foundational understanding for making informed personal financial decisions. Projects for this class involve interactive computer assignments that simulate real-life decision-making skills. This course satisfies the Illinois State Consumer Education graduation requirement.

Small Business Management 05740

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will manage a small business. The course focuses on problems involved in starting and operating a successful small business, selecting the location, determining how to borrow money, budgeting and credit, management, accounting and marketing.

College Fire Behavior and Combustion 60140

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	60130		

Students will explore the theories and principles of how and why fires start, spread, and are brought under control. Students will be able to relate the principles by which fires spread with the appropriate methods of control. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.



Career and Technical Education

Hospitality and Tourism

Advanced Culinary Arts 57900

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	57800		

Students will continue the principles and techniques taught in Foods 1 using and expanding the students' knowledge as they study advanced techniques and applications. Students are introduced to a wide variety of culinary styles as well as career opportunities related to the profession. Units of study include working with meats, poultry, and pasta.



College Culinary Arts/ProStart 1 65711/65712

Grade Level	11-12(10*)	Credit/Semester	0.5
Prerequisite	05780 (*Instructor Consent)		

Students will attain the knowledge and develop skills within the foodservice industry. Students will follow the ProStart curriculum certified by the National Restaurant Association (NRA) and Illinois Restaurant Association (IRA). To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Culinary Arts/ProStart 2 65801/65802

Grade Level	11-12 (10*)	Credit/Semester	0.5
Prerequisite	65711/65712 (*Instructor Consent)		

Students will study career opportunities within the areas of foods and nutrition, and elements of technology are integrated. All students are involved in the research and development of original food products and presentations. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College ProStart Internship 60801/60802

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Previous or Concurrent Enrollment in 65711		

Students will learn from opportunities in the ProStart program to apply and expand their culinary arts skills and knowledge in the workplace environment. Students must complete a minimum of 400 hours at the work site. Upon successful completion of this dual credit course, the student may receive college/university credit. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

Introduction to Culinary Arts 57800

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will be introduced to food preparation and nutrition that includes classroom and laboratory experiences. Class work emphasizes time management and safety as students gain basic knowledge and skills in food preparation. Units of instruction include breakfast foods, lunches, convenience cooking, and desserts.



Career Development

Career Development Academy 02891/02892

Grade Level	12	Credit/Semester	1.5
Prerequisite	None		

Students will participate in workplace experiences in various fields of skilled labor such as health care, manufacturing, hospitality, and/or information technology. Students will experience a combination of on-the-job training & related classroom instruction under the supervision of professionals learning the practical and theoretical aspects of a highly skilled occupation.

Career Education Internship 1 06611/06612

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Concurrent Enrollment in 06601/06602		

Students will receive on-the-job training at a qualified community resource in an occupation of his/her choice. The local firm or training station hires the student as a part-time employee and provides the practical training necessary to make the student proficient in that occupation. The coordinator will make periodic visits to the employment site to monitor the student's progress.

Career Exploration 06500

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will gain an understanding of themselves and their relationship to the world of work. Students will participate in career development simulations designed to provide a base of experience for making personal and career related decisions. Students will learn how to locate, organize, evaluate, and use career related data and thus be better prepared for real world expectations.

Career Skills Training 03371/03372

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will participate in career development simulations designed to provide a base of experience for making personal and career related decisions. Students will learn how to locate, organize, evaluate, and use career related data and thus be better prepared for real world experiences.

Cooperative Work Training 1 06511/06512

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Must be 16 years old, Consent of Coordinator, and Concurrent Enrollment in 06521/06522		

Students will learn about employment search techniques, interview skills, career exploration, and the development of a post-secondary plan. Throughout the course instruction will emphasize problem solving, decision-making, communication, and management issues that thread their way through the work place. Completion of this course will satisfy the consumer education requirement. As a result, this course will also concentrate on banking, insurance, credit, housing, taxes, automobile purchasing, investments, and financial planning. Students also enrolled in Cooperative Work Training Internship 1 (06521/06522) will earn an additional work credit.

Cooperative Work Training Internship 1 06521/06522

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Concurrent Enrollment in 06511/06512		

Students will learn about practical work training that takes place in our community businesses. Students will experience on-the-job training at various entry levels and semi-skilled occupations. Students will work a minimum of 12 hours per week at businesses approved by the teacher coordinator. The coordinator will make periodic visits to employment sites to monitor each student's progress.

Career and Technical Education

Employee Development 03381/03382

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will participate in a supported community-based workplace-learning environment designed to support a student's development of appropriate requisite work habits and behavior, career readiness and soft-skills. Students are required to demonstrate appropriate work-related skills in order to increase maturity, self-awareness and enhance work ethic and pride in performance. A Job Coach provides students with training, daily monitoring and ongoing support. This course may be repeated.

Interrelated Career Education 1 06601/06602

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	Concurrent Enrollment in 06611/06612, Consent of Instructor and must be 16 years old		

Students will prepare for a systematic, orderly transition into gainful employment upon the fulfillment of his/her formal education. Students complete assignments and activities that are coordinated with on-the-job experiences. This program helps students make the transition from school to the world of work. Completion of this course satisfies the consumer education requirement.

Work Experience 03400

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	Must be 16 years old		

Students will use workplace learning supports linked to concurrent independent employment. This experience is designed to support student career and post-secondary decision-making. In addition to providing evidence of completion of a minimum of 30 hours of employment, student must also complete coordinated assignments. Students who successfully complete all requirements of this course will receive a grade of P.

Work Orientation 1 09731/09732

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will develop work habits and career ready skills for real life applications. The goal of the course is for students to acquire the necessary skills for independent job placement. Students will eventually be placed at an independent work site without adult assistance.

Work Orientation 2 09741/09742

Grade Level	10	Credit/Semester	0.5
Prerequisite	09731/09732		

Students will develop work habits and career ready skills for real life applications. The goal of the course is to develop independence for students to acquire the necessary skills for a future independent job placement. This course is the second year for students requiring continued support in their growth of their work skills.

In School Work 09761/09762

Grade Level	11	Credit/Semester	0.5
Prerequisite	None		

Students will participate in the building based micro-business and develop skills as part of the micro-business. This participation will eventually lead them to a job placement in a supported work environment in the community.

Information Technology

Advanced Concepts in Coding and Development 10301/10302

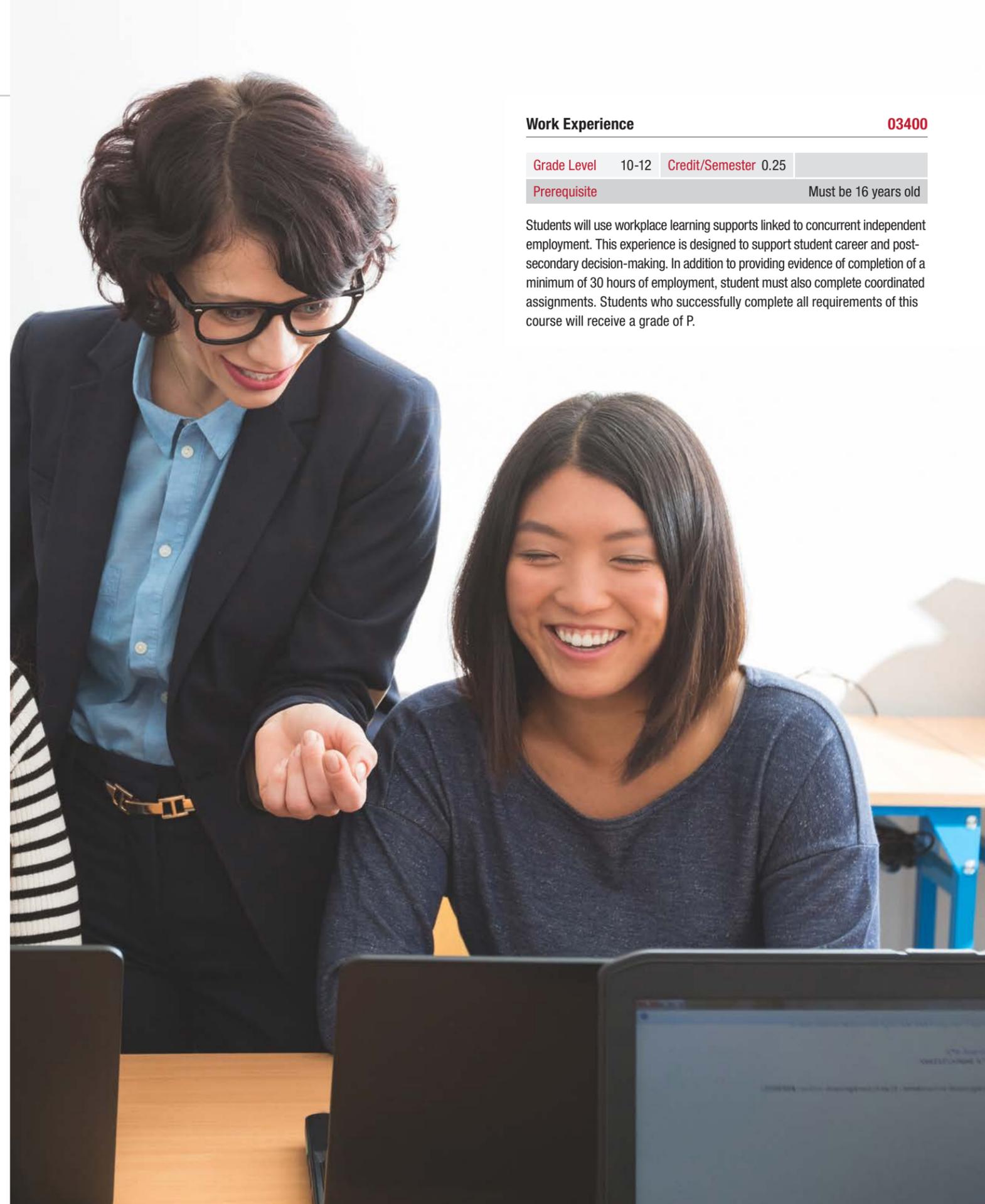
Grade Level	12	Credit/Semester	0.5
Prerequisite	09092		

Students will work to develop a solution/solutions to a real-world problem(s) or need(s), which demonstrate their computer programming abilities. Students will keep journals, are responsible for delivering progress reports, and will make a final presentation as to their work and products.

Advanced Network Systems and Cybersecurity 10401/10402

Grade Level	12	Credit/Semester	0.5
Prerequisite	66760		

Students will be provided with a comprehensive hands-on overview of network security, including authentication, encryption, digital certificates, perimeter topologies, remote access, cryptography, and operational security. Students will participate to solve industry real world problems and challenges related to networks and cybersecurity.



Work Experience 03400

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	Must be 16 years old		

Students will use workplace learning supports linked to concurrent independent employment. This experience is designed to support student career and post-secondary decision-making. In addition to providing evidence of completion of a minimum of 30 hours of employment, student must also complete coordinated assignments. Students who successfully complete all requirements of this course will receive a grade of P.

Career and Technical Education

AP Computer Science Principles/Mobile APP Development 10601/10602

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will continue their development of applications for mobile devices and will expand their use of advanced features and coding principles this collaborative lab based, hands-on course. Upon completion of this course students will be able to take the Advanced Placement exam in Computer Science Principles.

AP Computer Science-A 09091/09092

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will design and implement computer programs using current computer language. Topics will include searching and sorting techniques, numerical methods, and recursion. Upon completion of this course students will be able to take the advanced placement Computer Science A exam.

College A+ Hardware 66740

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	60740 with a grade of C or better or concurrent enrollment		

Students will be provided with experience installing, configuring, maintaining, upgrading, diagnosing, troubleshooting, and networking recent and current personal computer hardware. Students successfully completing this course will have the opportunity to sit for the first of two exams required for Comp TIA A+ certification. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College A+ Operating Systems Technology 66800

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	66740		

Students will experience installing, configuring, upgrading, diagnosing, troubleshooting, and networking recent and current personal computer operating systems. Students successfully completing this course will have the opportunity to sit for the Comp TIA's A+ certification exam. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Advanced Network Systems and Cybersecurity 60401/60402

Grade Level	12	Credit/Semester	0.50
Prerequisite	66760		

Students will be provided with a comprehensive hands-on overview of network security, including authentication, encryption, digital certificates, perimeter topologies, remote access, cryptography, and operational security. Students will participate to solve industry real world problems and challenges related to networks and cybersecurity.

College Computer Networking 66810

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	66800		

Students will have hands-on experience with networking standards, architecture, operations, security and troubleshooting using current network operating systems. Students successfully completing this course will have the opportunity to take the Comp TIA's Network+ exam. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.



College Cybersecurity and Mobility 66241

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	09091/09092		

Students will be exposed to aspects of information security and provides tangible examples of the importance and value of securing data, both for themselves and the organization. Students will be introduced to legislation, local, state and federal privacy policies and liability of individuals and institutions related to data confidentiality and integrity. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Moraine Valley Community College.

College IT Fundamentals 60740

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will be provided with a hands-on introduction to operating systems and related concepts. Students successfully completing this course will have the opportunity to sit for COMP TIA's IT Fundamentals exam. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

Computer Programming, Mobile App, and Networking 09040/09050

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will focus on the development of applications for mobile devices and an introduction to computer networking basics. Students will work in teams, using real-world tools and processes to develop and redesign existing mobile apps in addition to building new apps of their own. Students do not need any prior computer programming experience to successfully complete this course.

Cybersecurity and Mobility 06242

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	09091/09092		

Students will be exposed to aspects of information security and provide tangible examples of the importance and value of securing data, both for themselves and the organization in this non-dual credit course. Students will be introduced to legislation, local, state and federal privacy policies and liability of individuals and institutions related to data confidentiality and integrity.



Health Sciences

College Nursing Assistant Training 68171/68172

Grade Level	11-12	Credit/Semester	0.75
Prerequisite	See Dual Credit Section		

Students will learn the origin and the basic structure of medical words, including prefixes, suffixes, word roots, combining forms and plurals. Offers pronunciation, spelling, and definition of medical terms based on the body systems approach. Emphasis on rendering a professional vocabulary required for work in the health care field. This is the fourth course in the Health Science Pathway. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

Introduction to Healthcare Field 1 08181/08182

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will be offered a broad range of information on career opportunities in the health field and available educational programs in Illinois. Students will survey medical terminology based upon the body systems approach and begin to uncover professional vocabulary as required in the health occupations. This is the first course in the Health Science Pathway.

Introduction to Healthcare Field 2 08190

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	08181/08182		

Students will build on the knowledge learned in previous courses, as students will begin to explore more advanced healthcare concepts and issues. The course provides a broad range of information on career opportunities in the health field and available educational programs in Illinois. Students will survey medical terminology based upon the body systems approach. This is the second course in the Health Science Pathway.

Medical Science Academy 09861/09862

Grade Level	11-12	Credit/Semester	1.0
Prerequisite	Program Admission		

Students will explore careers in the medical field. Students alternate days of on-site experiential learning with college-level coursework in the classroom. Using a 150-minute block of time daily, this course blends topics existing in other areas of the curriculum with material to be developed specifically for this field of study. Students will play an active role in the learning process.



Medical Terminology 08211/08212

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn the origin and the basic structure of medical words including prefixes, suffixes, word roots, combining forms and plurals. Offers pronunciation, spelling, and definition of medical terms based on the body systems approach. Emphasis on rendering a professional vocabulary required for work on the healthcare field. This is the third course in the Health Science Pathway.

Education and Training

College Applied Educational Psychology 78350

Grade Level	12	Grade/Semester	0.5
Prerequisite	None		

Students will explore the contexts and the individual dimensions of human development and learning. Special attention is paid to the features of human developmental contexts most associated with positive outcomes for learners, and how these mediate the learning process. The course also examines different domains of development, including those most associated with successful school learning. Candidates examine various assessment methods and how they are used to promote and document classroom and individual learning processes. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: National Louis University.

College Education in a Diverse Society 69970

Grade Level:12	Grade/Semester	0.5
Prerequisite	None	

Students will examine how schooling is shaped by and ought to respond to the social contexts in which it occurs, particularly multicultural, multilingual, and global contexts. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Inquiry into Teaching 69620

Grade Level	11 - 12	Grade/Semester	0.5
Prerequisite	None		

Students will be introduced to the expectations of the modern-day secondary education teacher, including the role of the teacher, moral, ethical, and legal expectations of teaching, and the social and political context of schools and communities. Twenty clock hours of participation/ observation are required. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Eastern Illinois University.

College Introduction to Education 60700

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will gain a greater perspective on education including historical, philosophical, social, legal, ethical issues in a diverse society. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. College Partner: National Louis University.

Foundation of Learning and Development 09610

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore topics focusing on the techniques and skills necessary to promote healthy physical, social, emotional, and the intellectual development of children. This course incorporates concepts from child psychology, educational research, biology, sociology, and philosophy and serves as a foundation for the Education Career Pathway.

Husky Inn 05841/05842

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn the basic concepts of foods, clothing, and home and family living. Study emphasizes the development of basic and interpersonal skills needed to function as a productive individual. Students learn through lab settings and will require individual and group participation.

Introduction to Preschool 06700

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will participate in an introductory course designed for students who are interested in working with preschool children. Students observe, plan, and teach children in our preschool facility while providing a healthy and stimulating environment for them. They acquire the experience and skills needed to work with children. This is an excellent opportunity for students who may be considering teaching as a profession.

Introduction to Teaching Methods 09620

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will concentrate on the practical application of knowledge gained during Foundations for Learning and Development in this laboratory class. The student will learn hands-on fundamentals of lesson planning and instruction applicable to all levels of teaching. Students will plan activities, teach, supervise, and observe children in a preschool setting.

Practicum in Early Childhood Education 3 05820

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	05910 and 05950		

Students will have work experiences with pre-school aged children. Emphasis will be placed on the creation of a career portfolio based on the students' goals and interests working in the area of early childhood education.

Practicum in Early Childhood Education 4 05830

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	05920, 05950 and 05820		

Students will have work experiences with pre-school aged children. Emphasis will be placed on the creation of a career portfolio based on the students' goals and interests working in the area of early childhood education. This course may be repeated.

Human Services

Cosmetology 06781/06782

Grade Level	12	Credit/Semester	1.0
Prerequisite	Application and Interview		

Students will participate in a 1-year program that satisfies 750 hours of the 1500-hour State of Illinois Cosmetology license requirements. Courses take place at Technology Campus of Lake County. Program may include required attendance during evenings and non-attendance days including Saturdays, and summer and holiday breaks.



Sociology of Marriage and Family 05940

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will learn the psychological theory to the study of human behaviors in various sociological contexts including traditional family life, single parent family environments, and cross-cultural comparisons. Units of study include personality development, human sexuality, mate selection, parenting, death and dying, and consumer economics.

Law, Public Safety, Corrections and Security

College Fire Behavior and Combustion 60140

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	60130		

Students will explore the theories and principles of how and why fires start, spread, and are brought under control. Students will be able to relate the principles by which fires spread with the appropriate methods of control. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Introduction Fire Science 60130

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will be provided an overview of fire protection; career opportunities in fire protection and related fields; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; and other basic topics. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Introduction to Corrections 60120

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will be provided with an integrated knowledge about the system through which the criminal offender is processed. Emphasis will be placed upon the philosophical bases of punishment and treatment techniques in institutional and community-based programs plus parole programs. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Introduction to Criminal Justice 60100

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will study the history, role, development and constitutional aspects of law enforcement and public safety. The course includes a review of agencies and functions involved in processes of administration of criminal justice. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

Micro Internship/ Internship/Apprenticeship

Agriculture/Foods/Natural Science Micro Internship 49530

Grade Level	10-12	Credit/Semester	0.25
and at least 16 years old			
Prerequisite	None		

Students enrolled in District 214's internship program will participate in a 30 hour supervised work experience that occurs in a workplace or under other authentic working conditions, relates to their career area of interest, and aligns with the state of Illinois College & Career Pathway Endorsements. Specifically, students will practice and strengthen the skills and knowledge gained in their career pathway program of study, they will develop and enhance their essential employability skills, and they will metacognitively reflect on their growth and development through the duration of their experience.

Information Technology Internship 49650

Grade Level	10-12	Credit/Semester	0.5
and at least 16 years old			
Prerequisite:	None		

Students enrolled in District 214's internship program will participate in a 60 hour supervised work experience that occurs in a workplace or under other authentic working conditions, relates to their career area of interest, and aligns with the state of Illinois College & Career Pathway Endorsements. Specifically, students will practice and strengthen the skills and knowledge gained in their career pathway program of study, they will develop and enhance their essential employability skills, and they will metacognitively reflect on their growth and development through the duration of their experience.

Manufacturing and Engineering Technology Internship 49660

Grade Level	10-12	Credit/Semester	0.5
and at least 16 years old			
Prerequisite:	None		

Students enrolled in District 214's internship program will participate in a 60 hour supervised work experience that occurs in a workplace or under other authentic working conditions, relates to their career area of interest, and aligns with the state of Illinois College & Career Pathway Endorsements. Specifically, students will practice and strengthen the skills and knowledge gained in their career pathway program of study, they will develop and enhance their essential employability skills, and they will metacognitively reflect on their growth and development through the duration of their experience.

Agriculture/Foods/Natural Science Apprenticeship 11101/11102

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Arts and Communication Apprenticeship 11111/11112

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Finance and Business Services Apprenticeship 11121/11122

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Health and Science Technology Apprenticeship 11131/11132

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Human and Public Service Apprenticeship 11141/11142

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Information Technology Apprenticeship 11151/11152

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Manufacturing and Engineering Technology Apprenticeship 11161/11162

Grade Level	12	Credit/Semester	2.0
Prerequisite	Program Admission		

Students will be involved in a district-approved youth apprenticeship consisting of a combination of on-the-job training and related instruction in which workers learn the practical and theoretical aspects of a highly skilled occupation. Youth apprenticeships will involve students being placed at an employer site for work and training.

Architecture and Construction

Advanced Computer Aided Design for Architecture, Engineering and Construction 16450

Grade Level	9-12	Grade/Semester	0.5
Prerequisite	None		

Students will build upon practices and techniques used in computer-aided design emphasizing ad-vanced dimensioning techniques, the development and use of prototype drawings, construction of pictorial drawings, interfacing 2d and/or 3d environments, and extracting data. Students will have an opportunity to complete the Autodesk Certified User Revit® certification.



College Practical Architectural Construction-PAC Year 1 66191/66192

Grade Level	10-12	Credit/Semester	1.0
Prerequisite	Application Required		

Students will be provided actual on-site work experience. Students have the opportunity to work with the tools of carpentry and related trades while building a single-family residence on a chosen job site in the district. This course may be repeated. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Triton.

Computer Aided Design for Architecture, Engineering and Construction 16410

Grade Level	9-12	Grade/Semester	0.5
Prerequisite	None		

Students will develop an understanding of the principles of drafting, use of simple and complex graph-ic tools, layout and design, application of the latest drawing software programs. Students will be intro-duced to building standards and codes used in construction while exploring career opportunities in the field.

Design 214 Practical Architecture 06121/06122

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Applicaiton Required		

Students will learn how residential buildings are planned and constructed. The student will also learn how to produce the necessary drawings used by contractors to either build or remodel a home. The student will have the opportunity to design and draw his or her own house plans including floor plans, elevations, kitchen layouts, site plans, and perspectives. Coursework will introduce computer-aided drafting and how it relates to the field of architecture. This course is recommended for those students who are interested in architecture, interior design, the building trades, or other architectural related fields.

Introduction to Practical Architectural Construction 16190

Grade Level	9-12	Grade/Semester	0.5
Prerequisite	None		

Students will learn carpentry, electrical, mechanical systems (HVAC), plumbing, architecture, computer aided design and more.

Math and Technology 06401/06402

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn mathematics concepts in a problem-solving environment. During the course, stu-dents will apply theories of measurement, ratios, geometrical structures, algebraic equations, and graphical methods to develop an understanding of topics related to building construction.

Manufacturing

Advanced Welding 10030

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	10020		

Students will apply the principles they learned in Beginning Welding and demonstrate the knowledge and skills necessary in order to be successful in an entry level welding environment. Students will spend the class working towards earning AWS Sense (<https://www.senseonline.org/>) student certifications. Geared toward the Advanced Level Welder. Students can earn up to 10 certificates of completion; one for each process. The topics covered include:

- Trade Math
- Welding Metallurgy
- Welding Inspection & Testing Methods
- Documents Governing Welding & Welding Inspection
- Thermal Cutting Processes
- Plate Welding Processes: SMAW, GMAW, FCAW, & GTAW
- Pipe Welding Processes: SMAW, GMAW, FCAW, & GTAW
- Welding Fabrication



Beginning Welding 10020

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will apply the principles they learned in previous pathway courses and demonstrate the knowledge and skills necessary in order to be successful in an entry-level welding environment. Students will spend the class working towards earning AWS Sense (<http://www.senseonline.org/>) student certifications. Geared toward the entry level welder. Students can earn up to 4 certificates of completion; one for each process they complete. The topics covered include:

- Safety & Health of Workers
- Drawing & Welding Symbol Interpretation
- Thermal Cutting Processes: OFC, PAC, CAC-A & Mechanized OFC
- Welding Processes: SMAW, GMAW, FCAW & GTAW.

College Advanced CNC Manufacturing 69641/69642

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	69631/69632		

Students will study production machining, feed and speed application, and quality control techniques and will become fluent in operating Computer Numerical Control equipment. Students enrolled in this course may work towards level one and two certification with the National Institute for Metalworking Skills Inc. (NIMS). To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Advanced Machine Technology 69631/69632

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will become familiar with the hand tools, manual & Computer Numerical Control equipment. Students will study blueprint interpretation, precision measurement, tooling, machine setup, and work holding. Students may work towards level one certification with the National Institute for Metalworking Skills Inc. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Fashion Industry Career Practicum and Seminar 60260

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Student will receive an overview of career and employment possibilities in the fashion businesses and industries and places emphasis on individual career path selections through interest testing and career counseling. Students will attend class each week in addition to participating 10 hours per week in an internship. A student must have a fashion related job before the first day of class. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Fashion Merchandising 65860

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn about of fashion merchandising industry, which includes business aspects, aesthetic and creative sides of fashion, and the presentation of products and materials. Students will study fashion history and trends as well as their influence on our lives. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Introductory Electronics 60060

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will be introduced to fundamentals of electricity and magnetism. The course covers basic electrical laws and principles. The course also covers electrical safety considerations, laboratory instrumentation and test and measurement techniques. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Manufacturing Internship 66820

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Previous or Concurrent Enrollment in 69631		

Students will apply and expand their manufacturing skills and knowledge in the workplace environment. Students will have an on-site supervisor who will assign duties in the workplace. The student will be required to complete a minimum of 100 hours at the work site to receive credit. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

Fabrication Technology 1 02850

Grade Level	9-12	Credit/Semester	0.5	NCAA
Prerequisite	None			

Students will apply fundamental 3D Modeling and design skills to produce a several projects. Students will use a variety of machines and materials throughout the year, ensuring students understanding design and production processes. This course should be considered as the first course in the Architectural & Construction or Manufacturing Pathways.

Fabrication Technology 2 02860

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	02850		

Students will experience several projects with set constraints, focusing on various design principles such as form and function, aesthetics and more. Students will use a variety of wood working tools, CNC operated machines and 3D modeling software to design and produce projects. This course will follow the introductory Fabrication Technology I course.

Fashion Construction 05870

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	05850		

Students will have an opportunity to demonstrate their working knowledge of handling fabrics, utilizing correct grain lines, stitches, seams, zippers, and buttons while constructing a variety of garments in our lab.

Fashion Design 05850

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn about the fashion industry, including design, construction, production and market-ing of women’s, men’s, and children’s fashions from development of fibers and fabrics to the strategies of fashion merchandisers and retailers.

Science, Engineering and Mathematics

College PLTW Aerospace Engineering 66941/66944

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	112071/11072 & Division Head Approval		

Students will explore the physics of flight and bring the concepts to life by designing and airfoil, propulsion system, and rockets. Students learn basic orbital mechanics using industry-standard software. The course also acquaints students with career opportunities within the aviation industry. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Lewis University.



PLTW Aerospace Engineering 06941/06942

Grade Level	10-12	Credit/Semester	0.50
Prerequisite	11071/11072 & Division Head Approval		

Students will explore the physics of flight and bring the concepts to life by designing an airfoil, propulsion system, and rockets. Students learn basic orbital mechanics using industry-standard software. The course also acquaints students with career opportunities within the aviation industry.

PLTW- Civil Engineering and Architecture 06901/06902

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	11071/11072 & Division Head Approval		

Students will use state of the art software to solve real-world problems and communicate solutions to hands-on projects and activities related to Civil Engineering and Architecture. In this course, students will learn about the roles of civil engineers and architects, project planning, site planning, building design, project documentation and presentation.

PLTW- Computerized Integrated Manufacturing 06891/06892

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	11071/11072 & Division Head Approval		

Students will build on the solid modeling skills developed in PLTW-EE of prototyping, robotics, and automation. Students will solve problems by using computer controlled rapid prototyping and CNC equipment to construct models of their 3D models. Students will also explore the integration of robotics, learning how this technology functions in an automated manufacturing environment.

PLTW Engineering Essentials 11071/11072

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore the breadth of engineering career opportunities and experiences as they solve engaging and challenging real-world problems like creating a natural relief center system or creating a solution to improve the safety and well-being of local citizens.

PLTW- Principles of Engineering 06921/06922

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	11071/11072 & Division Head Approval		

Students will explore engineering systems and manufacturing processes, and continue to develop the problem-solving skills used on the college level and in the work place. In addition, students will learn how engineers address concerns about the social and political consequences created by technological change.

College PLTW Digital Electronics 66911/66912

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	11071/11072 & Division Head Approval		

Students will explore the digital circuits found in video games, watches, calculators, digital cameras, and thousands of other devices. Students will investigate digital logic and how digital devices can control automated equipment prior to constructing circuits. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

PLTW-Engineering Design and Development 06931/06932

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	11071/11072 & Division Head Approval		

Students will apply the principles they learned in previous PLTW courses, work in small teams to design and construct the solutions to an engineering problem involving a wide range of engineering applications. Each team will be responsible for delivering progress reports and making a final presentation to an outside review panel to demonstrate their ideas.

Robotics 1 06801/06802

Grade Level:	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will apply problem-solving as a tool for the process of machine design. Students will use skills to create, design, and fabricate radio-controlled robots. First-year students participating in the District’s Wildstang FIRST Robotics program will receive Robotics 1 credit for their participation. Students must apply to participate in WildStang FIRST Robotics or Robot Rumble.



Robotics 2 06811/06812

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	06801/06802		

Students will emphasize the use of the theories, physics to solve problems in modern engineering applications. Students will learn to successfully design machines to solve specific problems. Students must apply to participate in WildStang FIRST or Robot Rumble Robotics.

Robotics 3 06821/06822

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	06811/06812		

Students will be expected to apply theories and laws of physics in designing systems such as robotic arms, drive systems, lift systems, and material selections. Third year students participating in the District's Wildstang FIRST Robotics program will receive Robotics 3 credit for their participation. Students must apply to participate in WildStang FIRST or Robot Rumble Robotics.

Robotics 4 06841/06842

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	06821/06822		

Students will apply physics to design and building systems. Students will integrate the engineering model for product development design, construct and test. Fourth-year students participating in the robotics program will receive Robotics 4 credit for their participation. Students must apply to participate in WildStang FIRST Robotics. This course may be repeated.

Transportation, Distribution and Logistics

Automotive Systems 06051/06052

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will experience a variety of hands-on skills and theoretical knowledge of an automobile. Lab activities will emphasize preventive maintenance and entry-level career requirements. Students will explore each automotive system from both a scientific and operational view and will have an opportunity to work on their vehicle for lab experience.

College Aviation Fundamentals 66850

Grade Level	12	Credit/Semester	0.5
Prerequisite	Program Admission		

Students will learn about aerodynamics, aircraft design, stability, control, Federal Aviation Administration regulations and publications, weight and balance, and ground handling of aircraft. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Lewis University.



College Aviation Physics 66840

Grade Level	12	Credit/Semester	0.5
Prerequisite	Program Admission		

Students will study the laws of physics with aviation applications, including structure of matter, gas laws, heat transfer, and properties of liquids. To be enrolled in this dual credit course, student must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

College Heating Principles 60150

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will explore the theories and principles of how and why fires start, spread, and are brought under control. Students will relate the principles by which fires spread with the appropriate methods of control. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Private Pilot Ground 1 64820

Grade Level	12	Grade/Semester	0.5
Prerequisite	Division Head Approval		

Students will be introduced to the basic principles of flight, aircraft systems and performance, basic meteorology and weather data interpretation, basic radio navigation, physiology, flight planning and decision making. This course helps students prepare for the FAA knowledge, oral, and practical examinations. Meets requirements of 14 CFR 141. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Lewis University.

College Private Pilot Ground 2 64830

Grade Level	12	Grade/Semester	0.5
Prerequisite	Division Head Approval		

Students will prepare for the Private Pilot written examination through advanced study of the principles of flight, aircraft systems and performance, meteorology and weather data interpretation, radio navigation, physiology, flight planning and decision making. This course helps students prepare for the FAA knowledge, oral, and practical examinations. Meets requirements of 14 CFR 141. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Lewis University

College Refrigeration Fundamentals 60080

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	None		

Students will be exposed to career exploration along with development of job entry skills through a competency-based approach to learning. Students examine basic terminology, fundamental loss of energy behavior and transportation, description of various systems and related trouble diagnoses, and an introduction to domestic and commercial cooling and heating equipment. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Harper College.

College Vocational Automotive 66071/66072

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	06062		

Students will be provided with an in-depth exploration of the specific sub-assemblies of the automobile. Students completing this course will be well prepared to continue post-secondary education leading to the national Automotive Service of Excellence (ASE) certification as an automotive technician. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details. College Partner: Triton.

Career and Technical Education



Diagnostic Testing and Repair 06061/06062

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	06052		

Students will experience an in-depth investigation into the automobile and how it is maintained and repaired. Students will develop diagnostic skills through the use of lab test equipment typical of that used in the auto service industry. With successful completion of this course, students will have a work-ing knowledge of fundamental diagnosis, testing, and repair procedures.

Personal Auto 06080

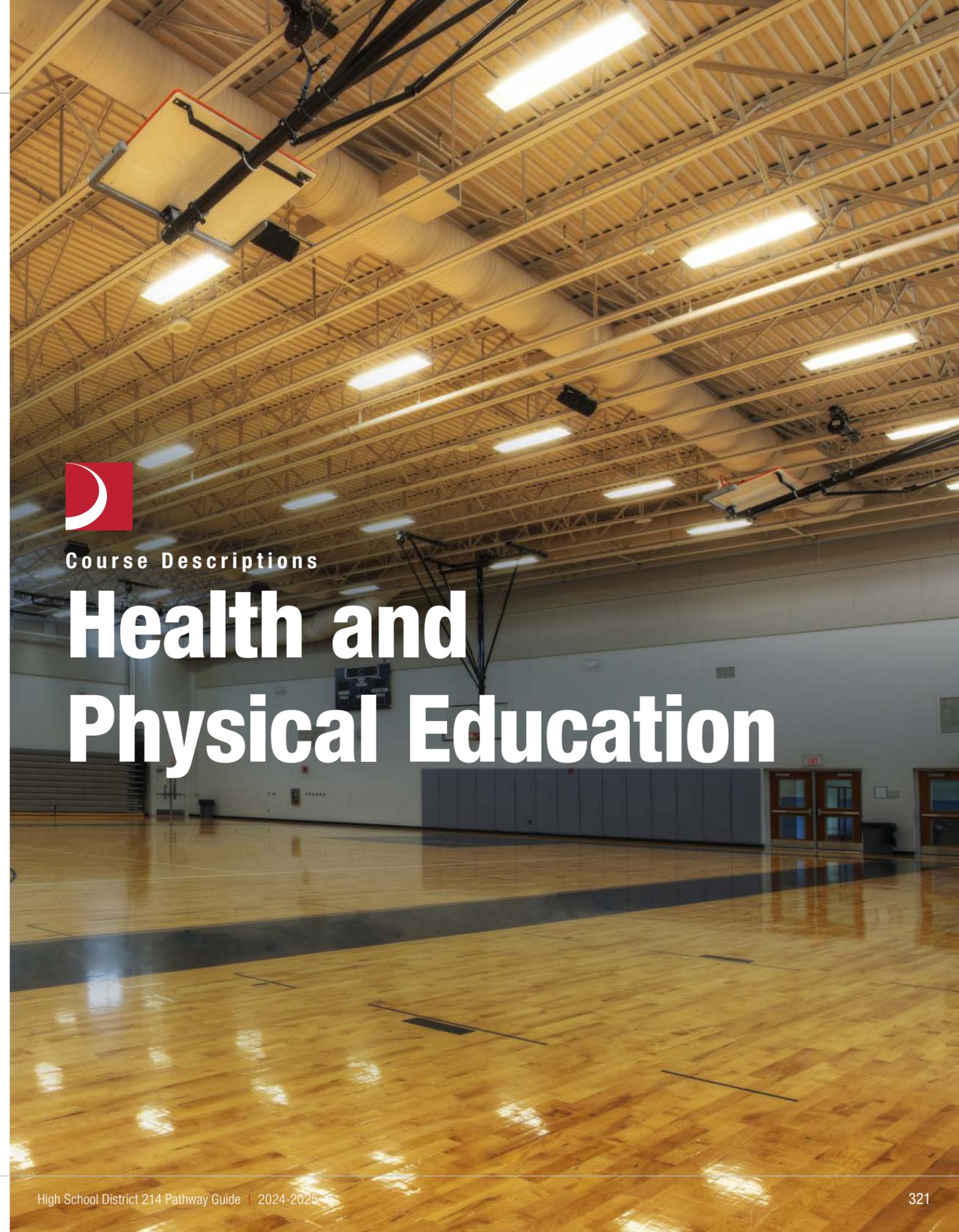
Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn preventive maintenance and diagnostic and repair skills for cars. The goal of the course is not to train automotive technicians, but to develop knowledgeable consumers and home mechanics. Students will receive information about purchasing new and used cars as well as what is necessary to keep a car running safely and properly.

Power-On-Site Training 06791/06792

Grade Level	11-12	Credit/Semester	1.0
Prerequisite	06062		

Students will receive technical automotive training and shop work in a commercial enterprise under the direction of a service manager. Training experience includes two hours of work each day with an experienced mechanic or parts person employed by the place of business.



Course Descriptions

Health and Physical Education

Health and Physical Education



Advanced Activities (Fall) 08750

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will emphasize fitness through a variety of individual and team activities. This course is an advanced physical education class for students who are interested in competing at higher levels of skill and strategy.

Advanced Activities (Racquet Sports) 08770

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will emphasize fitness through a variety of individual and team racquet sports like tennis, badminton, and pickle ball. This course is an advanced physical education class for students who are interested in competing at higher levels of skill and strategy.

Advanced Activities (Spring) 08760

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will emphasize fitness through a variety of individual and team activities. This course is an advanced physical education class for students who are interested in competing at higher levels of skill and strategy.

Advanced Strength and Conditioning 08660

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	08440 or Division Head Approval		

Students will engage in aquatic-related activities while learning advanced swimming techniques. This course will promote life safety skills and students may be afforded the opportunity to obtain lifeguard certification.

Advanced Swimming 08650

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will learn swimming as a lifelong activity while developing advanced swimming and life safety skills as well as the fitness level to do so. Students may be afforded the opportunity to obtain a Lifeguard certification.

Beginning Strength and Conditioning 08440

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	None		

Students will learn the fundamentals of strength training and conditioning techniques. They will participate in strength and cardiovascular activities that will improve fitness and overall wellness.

College Advanced Strength and Conditioning 68660

Grade Level	12	Credit/Semester	0.25
Prerequisite	08440 or Division Head Approval		

Students will participate in class activity emphasizes improving health-related fitness through weight training, exercises, and running programs. To be enrolled in this dual credit course, students must meet dual credit prerequisites and complete dual credit requirements. Upon successful completion of this dual credit course, students may receive college/university credit. College Partner: Eastern Illinois University.

Dance 1 08550

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	None		

Students will explore ballet, contemporary, jazz, and choreographic techniques. Successful completion of this course meets the fine arts and physical education graduation requirements.

Dance 2 08560

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	08550 or Division Head Approval		

Students will build upon the technical fundamental skills of dance taught in Dance 1. Students will strengthen their dance education in ballet, contemporary, jazz, and choreographic techniques. Students will also continue to gain experience as a performer. Successful completion of this course meets the fine art and physical education requirements.

Dance 3 08640

Grade Level	11-12	Credit/Semester	0.25
Prerequisite	08550, 08560 or Division Head Approval		

Students will learn dance at an intermediate and advance level while exploring various styles of dance. Successful completion of this course meets the fine arts and physical education graduation requirements.

Exercise Physiology 08491/08492

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Student will focus on the disciplines of physical education, human physiology, medical terminology, and healthcare while providing information on career opportunities in the health field and available educational programs. Students will engage in a variety of exercise protocols while simultaneously learning the corresponding physiological concepts that relate to each form of exercise.

Freshman Physical Education 1 08510

Grade Level	9	Credit/Semester	0.25
Prerequisite	None		

Students will be introduced to concepts for personal development in health-related fitness and physical skills; these include cardiovascular exercise, strength, endurance, and flexibility, which will be the basis for the four-year physical education program. Students will develop physical and health-related fitness skills through participation in individual and team activities.

Health and Physical Education

Freshman Physical Education 2 08520

Grade Level	9	Credit/Semester	0.25
Prerequisite	None		

Students will be introduced to concepts for personal development in health-related fitness and physical skills; these include cardiovascular exercise, strength, endurance, and flexibility, which will be the basis for the four-year physical education program. Students will develop physical and health-related fitness skills through participation in individual and team activities in this second semester of the freshman physical education course.

Grace Gymnastics 08680

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will be introduced to major emphasis on the techniques, skills, and terminology commonly used in women's gymnastics balance beam, uneven bars, vaulting, and floor exercise. Various gymnastic and health-related fitness activities develop the individual's physical fitness and gymnastics skills. This course may not be repeated except with permission from the division head.

Health Education 08690

Grade Level	10	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will learn the major concepts of wellness and personal and public health. In this course, students will be trained on how to properly administer cardiopulmonary resuscitation and how to use an automated external defibrillator.

Junior Leader 1 08580

Grade Level	11	Credit/Semester	0.25
Prerequisite	Teacher/Staff Recommendation		

Students will engage in leadership training within a variety of physical education settings. Students will actively participate in and learn how to lead small and large group activities as well as improve their communication, organization, and problem-solving skills.

Junior Leader 2 08590

Grade Level	11	Credit/Semester	0.25
Prerequisite	08580		

Students will be provided a practicum which expands their knowledge learned in 08580. Students may choose an elective course or regular physical education for their Junior Leaders 2 experience.

Lifestyle Fitness 08800

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will explore the physical and nutritional aspects of lifetime wellness. The primary areas of study include individual physical fitness and physiology, nutritional fitness, and lifetime healthy habits.

Modified Physical Education 08500

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	Division Head Approval		

Students will engage in differentiated physical activity when they are unable to participate in the regular physical education curriculum. This class emphasizes development and implementation of prescribed exercise programs as directed by health-care professionals.

Orchesis 08571/08572

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	Audition		

Students will develop advanced techniques in numerous dance forms as well as creative expression, aesthetic discrimination, and performance qualities. Students are selected by audition and will satisfy the fine arts and physical education requirements.

Yoga and Mindful Movement Practices 08740

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will learn a mind-body approach to physical activity. The class will offer an in-depth study of the fundamental principles of yoga techniques and related mindful movement practices. Students will be given the tools to reduce tension, increase energy levels, move efficiently, and develop self-awareness. They will also learn to safely tailor their practice to meet their individual needs.



Health and Physical Education

Personal Training Certification 04391/04392

Grade Level	12	Credit/Semester	0.5
Prerequisite	None		

Students will be preparing for the ACE personal trainer certification exam by designing programs that help clients to improve posture, movement, flexibility, balance, core function, cardio respiratory fitness, and muscular endurance and strength. This course will have a lab and classroom component.

Physical Education 08530

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will focus on personal health with emphasis on health-related fitness; students will work on exercise, cardiovascular, body composition, strength, endurance, and flexibility. Students engage in fitness activities based on their fitness level. A variety of fitness, skills, individual, and field activities will promote the development of lifetime fitness leisure skills.

Physical Education 08540

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will focus on personal health with emphasis on health-related fitness; students will work on exercise, cardiovascular, body composition, strength, endurance, and flexibility. Students engage in fitness activities based on their fitness level. A variety of fitness, skills, individual, and field activities will promote the development of lifetime fitness leisure skills.

Senior Leader 08600

Grade Level	12	Credit/Semester	0.25
Prerequisite	08580, 08590		

Students will utilize the leadership techniques they learned in Junior Leader 1 and Junior Leader 2. The student will actively participate in and lead small and large group activities and assist physical education teachers in teaching, testing, officiating, and handling the managerial tasks associated with physical education instruction. This course may be repeated for one additional semester.

Sports Medicine 1 08840

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	None		

Students will learn about the people, places, technologies, and careers in sports medicine as well as acquire knowledge and skills related to solving sports medicine problems. Student Primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved.

Sports Medicine 2 08850

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	08840		

Students will study the various body parts and systems, flexibility, strength, injury recognition, athletic first aid, and rehabilitation. The course will have a classroom and a lab component.

Yoga and Mindful Movement Practices 08740

Grade Level	10-12	Credit/Semester	0.25
Prerequisite	None		

Students will learn a mind-body approach to physical activity. The class will offer an in-depth study of the fundamental principles of yoga techniques and related mindful movement practices. Students will be given the tools to reduce tension, increase energy levels, move efficiently, and develop self-awareness. They will also learn to safely tailor their practice to meet their individual needs.



Course Descriptions

Special Programs

Special Programs



Advanced Research and Composition 02911/02912

Grade Level	12	Credit/Semester	0.50	NCAA
Prerequisite	02611			

Students will demonstrate critical thinking and academic research skills on a topic of the student's choosing. Through this research, students will design, plan, and conduct a year-long research-based investigation to address a research question, and argumentation skills will be explored and developed.

Adventure Learning 06570

Grade Level	11-12	Credit/Semester	0.5	
Prerequisite	None			

Students will participate in activities that promote cooperation, trust, communication, problem-solving and creativity through a series of controlled activities. These activities range from icebreakers to trust activities leading to skills that students will transfer to real-life situations. Activities will focus on problem-solving skills as the students encounter a number of difficult challenges ranging from physical tasks to getting along with others who may not have the same goals as they do. Three challenge field trips are included in this course; one near the end of the semester serves as a culminating activity.

AP Research-English 02711/02712

Grade Level:	12	Credit/Semester:	0.5	NCAA
Prerequisite:	Must have taken AP Seminar-English and at least three other passing AP scores (4 or higher)			

Students will immerse themselves in a yearlong College Board's AP Capstone program topic that requires an independent scholarly study including the creation of original research and methodology. Students will investigate their topic, address scholarly research, provide scientific writing, compose a 5000-word paper, and then present an oral defense of their findings to an expert panel. Throughout the course students will address fundamental skill sets in literary analysis, synthesis of information within research, composition (rhetorical analysis), and public speaking. This course meets the English-Language Arts graduation requirement.

AP Seminar 02601/02602

Grade Level	10-12	Credit/Semester	0.5	NCAA
Prerequisite	Division Head Approval			

Students will engage in cross curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually.

AP Seminar-English 02611/02612

Grade Level	9-12	Credit/Semester	0.0	NCAA
Prerequisite	Division Head Approval			

Students will explore the complexities of academic and real-world topics by analyzing divergent perspectives by using an inquiry framework. Students will synthesize information from multiple sources, develop perspectives in research-based essays, and design/deliver oral and visual presentations. This course meets the language arts graduation requirement.

AVID 1 02390/02400

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	API Recommendation			

Students will develop writing, inquiry, collaboration and reading through the content areas as well as communication, self-advocacy, leadership, organization/time management skills, and additional focus on college and career research. Developing the college entrance essay as well as the college application and financial aid process is integral to the AVID experience.

AVID 2 02410/02420

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	API Recommendation			

Students will develop writing, inquiry, collaboration and reading through the content areas as well as communication, self-advocacy, leadership, organization/time management skills, and additional focus on college and career research. Developing the college entrance essay as well as the college application and financial aid process is integral to the AVID experience.

AVID 3 02430/02440

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	API Recommendation			

Students will develop writing, inquiry, collaboration and reading through the content areas as well as communication, self-advocacy, leadership, organization/time management skills, and additional focus on college and career research. Developing the college entrance essay as well as the college application and financial aid process is integral to the AVID experience.

AVID 4 02450/02460

Grade Level	9-12	Credit/Semester	0.5	
Prerequisite	API Recommendation			

Students will develop writing, inquiry, collaboration and reading through the content areas as well as communication, self-advocacy, leadership, organization/time management skills, and additional focus on college and career research. Developing the college entrance essay as well as the college application and financial aid process is integral to the AVID experience.

Consumer Education 59940

Grade Level	9-12	Credit/Semester	0.25	NCAA
Prerequisite	None			

Students will learn financial literacy, including installment purchasing, budgeting, savings and investing, banking, understanding simple contracts, State and federal income taxes, and personal insurance policies. This course meets the consumer education graduation requirement.

Intro to Artificial Intelligence: History, Context and Prompt Writing Skills 03750

Grade Level	12	Credit/Semester	0.5	
Prerequisite	None			

Students will gain a comprehensive understanding of artificial intelligence (AI), exploring its historical evolution, contemporary applications, and ethical considerations. This course will guide students through the origins and development of AI, helping them understand its profound impact on society. Additionally, students will acquire practical skills in prompt writing for AI systems, gaining hands-on experience in crafting effective prompts for various AI tools.

The Learning Leader 10040

Grade Level	10-12	Credit/Semester	0.5	
Prerequisite	None			

Students will investigate the art of leadership through an in-depth examination of the skills needed to lead individuals, groups, or organizations. This project-based learning course uses a variety of authentic resources to examine the traits of positive leadership, explore team-building strategies, assess organizational strengths and weaknesses, collaborate with decision-making stakeholders, nurture an inclusive culture, develop short-term and long-term goals, consider various communication methods, and evaluate the ethical responsibility of

Special Programs

leaders. Students will demonstrate their knowledge by applying their skills in community service projects, school-based programs, and/or community groups. A comprehensive portfolio will be created by each student to highlight their leadership experiences and to define their personal leadership philosophy.

Life and Career Planning-70 hours 08980

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will use this course to track and document participation in the life and career-planning program.

Post-Secondary Pathway Exploration & Practicum 02720

Grade Level	9-12	Credit/Semester	0.25
Prerequisite	None		

Students will identify college and career interests and develop plans to pursue the skills and training necessary to be successful in their chosen field. Students will develop an understanding of career pathways and course options that lead to post-secondary success. Students will work on important social skills necessary to be successful in college or the workplace. Students taking this course will be prepared to apply and participate in work-based learning experiences. Students will be trained to obtain internships or apprenticeships or jobs. This course may be repeated.

Study Skills 02250

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will develop strategies for time management, task completion, test preparation, test completion, communication, and problem solving.

Service Learning-70 Hours 06580

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	None		

Students will participate in a variety of community service experiences under the monitoring of District 214 staff. Students will individually customize experiences with prior approval, and will have to log a minimum of 70 hours of service learning.

Strategies for Learning 08911/08912

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop learning strategies for success in their core curriculum subjects. Students will integrate skills taught from this course and will apply effective study skills, promote self-advocacy and establish a positive self-concept. Additionally, students will focus on addressing executive functioning proficiency along with preparing for college, career and life readiness.

Strategies for Learning 2 08921/08922

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop learning strategies for success in their core curriculum subjects. Students will integrate skills taught from this course and will apply effective study skills, promote self-advocacy and establish a positive self-concept. Additionally, students will focus on addressing executive functioning proficiency along with preparing for college, career and life readiness.

Strategies for Learning 3 08931/08932

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop learning strategies for success in their core curriculum subjects. Students will integrate skills taught from this course and will apply effective study skills, promote self-advocacy and establish a positive self-concept. Additionally, students will focus on addressing executive functioning proficiency along with preparing for college, career and life readiness.

Strategies for Learning 4 08941/08942

Grade Level	9-12	Credit/Semester	0.5
Prerequisite	Division Head Approval		

Students will develop learning strategies for success in their core curriculum subjects. Students will integrate skills taught from this course and will apply effective study skills, promote self-advocacy and establish a positive self-concept. Additionally, students will focus on addressing executive functioning proficiency along with preparing for college, career and life readiness.



Course Descriptions

Naval Science

Naval Science 1 08451/08452

Grade Level	9-11	Credit/Semester	0.5
Prerequisite	None		

Students will gain an appreciation for the heritage and traditions of America, with recognition of the historically significant role of sea power. By learning the basics of leadership and citizenship, cadets earn a growing sense of pride in their organization, peers, and self. This course introduces the begin-ning cadet to the Navy and the NJROTC program.

Naval Science 2 08461/0846

Grade Level	10-12	Credit/Semester	0.5
Prerequisite	08451/08452		

Students will establish commendable citizenship standards, high leadership goals, good study habits, and a sense of responsibility; develop appreciation for authority in a democratic society; learn about the organization of and professions in the Navy; and gain a deeper awareness of the vital importance of the world's oceans to the continued economic, political, military, and environmental well-being of the United States.

Naval Science 3 08471/08472

Grade Level	11-12	Credit/Semester	0.5
Prerequisite	08461/08462		

Students will establish commendable citizenship standards, high leadership goals, good study habits, and a sense of responsibility; develop appreciation for authority in a democratic society; learn about the organization of and professions in the Navy; and gain a deeper awareness of the vital importance of the world's oceans to the continued economic, political, military, and environmental well-being of the United States.

Naval Science 4 08481/08482

Grade Level	12	Credit/Semester	0.5
Prerequisite	08471/08472		

Students will develop their leadership skills through practical application of concepts and techniques acquired in previous courses and through reading and discussions of advanced leadership topics and themes. Senior cadets are usually in positions of responsibility and authority within the unit, leading and assisting others.



Course Descriptions

Driver Education

Driver Education Classroom **09650**

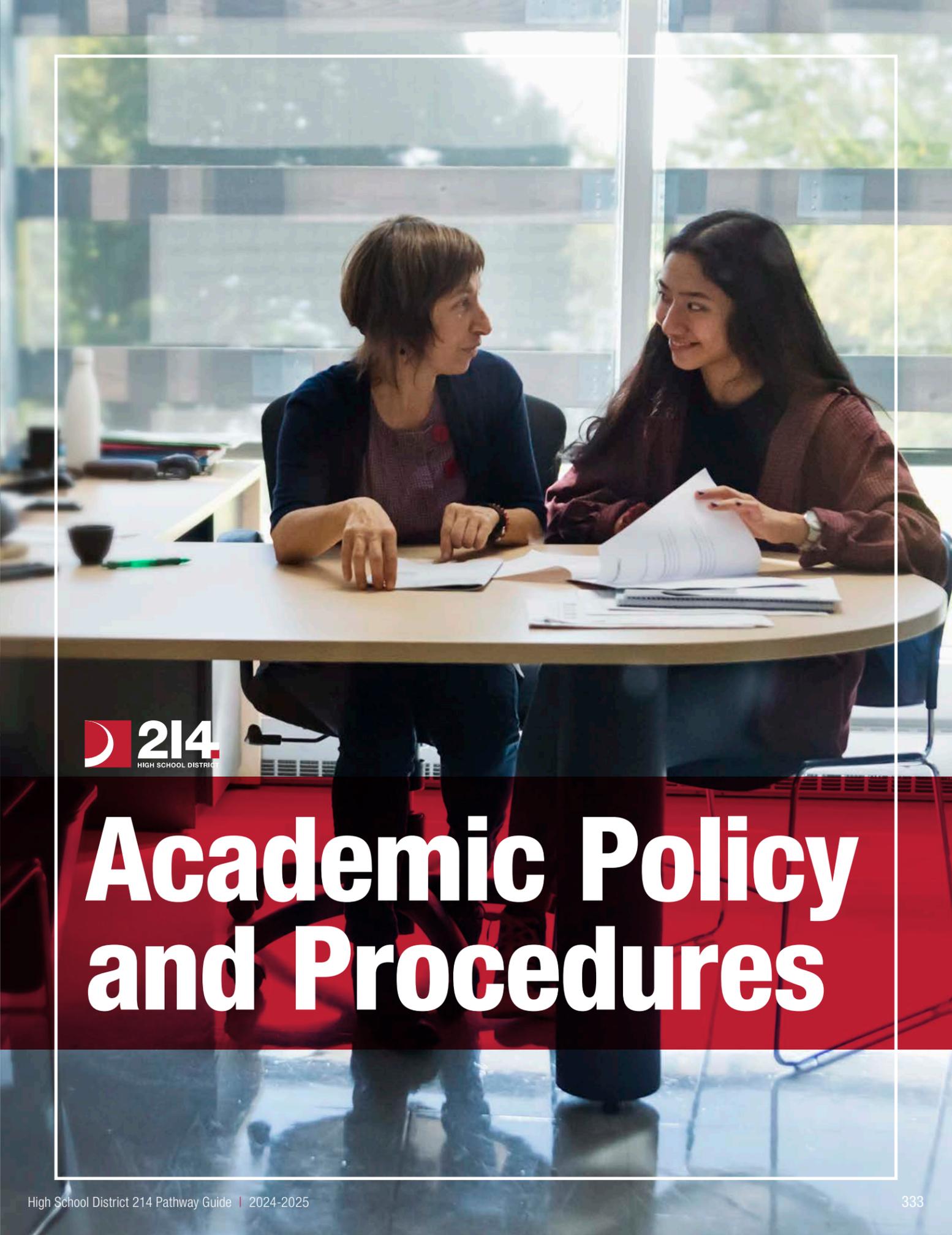
Grade Level	9-12	Credit/Semester	0.25
Prerequisite	Selection Based On Birth Date and IL Eligibility Requirement		

Students will learn about the complexities of owning and driving an automobile. The class will focus on safe driving techniques and the dangers of impaired and/or distracted driving.

Driver Education Lab **09660**

Grade Level	9-12	Credit/Semester	0.0
Prerequisite	Selection Based On Birth Date and IL Eligibility Requirement		

Students will receive 6 hours of behind the wheel instruction in conjunction with the classroom portion of the driver education curriculum. Each student must also hold a valid Illinois permit for nine months and turn sixteen years of age before they can obtain an Illinois driver license.



Academic Policy and Procedures

Academic Policy and Procedures

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INTRODUCTION

Section I of the Academic Handbook provides the list of career pathways available to D214 students. Section II is a catalog of all Board of Education approved courses offered at our educational sites. Section III contains district-wide academic policies, procedures and practices, and general information that is important to the academic planning process. In addition to this handbook, District 214 publishes a Student & Parent Handbook which includes information on attendance, behavior, co-curricular participation, transportation, and other student services.

This document can be accessed at www.D214.org/District-Departments/D214-Student-Handbook.

DISTRICT 214 MISSION (POLICY 1:30)

Our Primary Mission is to help all students learn the skills, acquire the knowledge, and develop the behaviors necessary for them to reach their full potential as citizens who can meet the challenges of a changing society.

Our Secondary Mission is to provide residents with opportunities for lifelong learning.

DISTRICT 214 INSTRUCTIONAL PHILOSOPHY (REFERENCE POLICY 6:10)

The Board of Education's primary mission is to help all students learn the skills, acquire the knowledge, and develop the behaviors necessary for them to reach their full potential as citizens who can meet the challenges of a changing society. The Board expects priorities for instruction, the evaluation system, and graduation requirements to reflect its commitment to student learning.

DISTRICT INSTRUCTIONAL GOALS (REFERENCE POLICY 6:10)

As measured by the Board-approved College/Career Readiness Indicators, the District will increase student success annually or will exceed a threshold established by the Board after two years of data are collected and analyzed.

College Readiness Indicators

Students are College Ready if they meet either the academic or standardized testing benchmarks listed below:

GPA **2.8** out of **4.0** and one or more of the following benchmarks:

- Advanced Placement Exam (3+)
- International Baccalaureate Exam (4+)
- Advanced Placement Course (A, B or C)
- Dual Credit College English and/or Math (A,B or C)
- Algebra II (A,B, or C)
- College Developmental/Remedial English and/or Math (A,B, or C)

College Readiness Placement Assessment (minimum benchmark scores):

- SAT Exam:**
- Math (530)
 - Reading and Writing (480)

- SAT Exam:**
- English (18)
 - Reading (22)
 - Science (23)
 - Math (22)

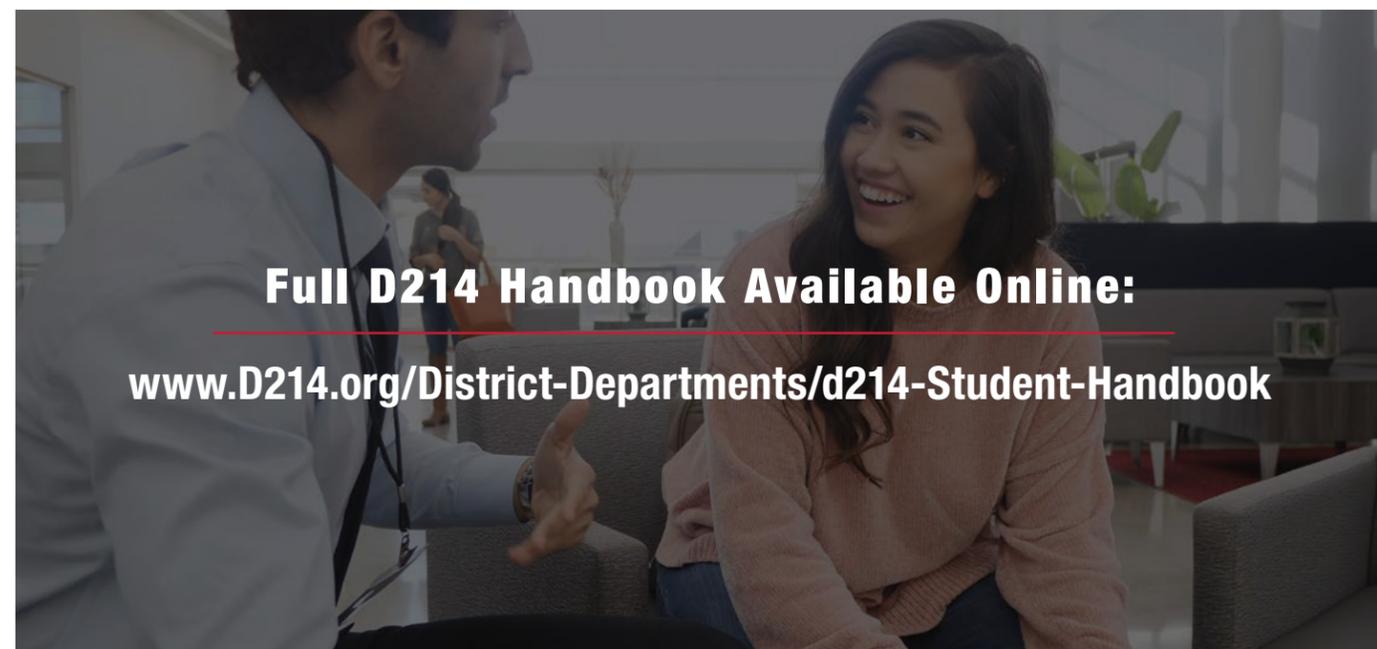
Additional Factors that Contribute to College Success: Earning As, Bs, Cs; FAFSA completion; enrollment in career pathway course sequence; college academic advising; participation in college bound bridge programs; senior year math class completion of a math class after Algebra II.

Career Ready Indicators

Students are Career Ready if they have identified a career interest and meet two of the behavioral and experiential benchmarks listed below. In addition, students entering the military upon graduation must meet the passing scores on the Armed Services Vocational Aptitude Battery (ASVAB) for each branch of the military.

Career Cluster Identified and two or more of the following benchmarks:

- 90% attendance
- Industry Credential
- 25 hours of Community Service
- Dual Credit Career Pathway Course
- Workplace Learning Experience
- Two or more organized Co-Curricular Activities



ILLINOIS STATE BOARD OF HIGHER EDUCATION GRADUATION REQUIREMENTS

The chart below outlines the minimum state-required courses for students graduating in the year shown¹. Section 27-22.10 of the School Code allows coursework to count towards meeting the state-imposed graduation requirements listed below in cases where a student in seventh or eighth grade takes the required courses at the high school or his or her middle school, as prescribed under the law, and the local board of education adopts a policy pursuant to Section 27-22.10 (see Question 2).

Graduation Data	Mathematics	Writing ²	Language Arts	Science	Social Science	Electives
Total³	3 years	2 years	4 years	2 years	2 years	1 year
2016 and beyond (i.e., students entering ninth graders starting in school year 2012-13)	1 year must be Algebra I and 1 year must be a course that includes geometry content.	1 year must be an English course and 1 year may be provided as part of any course offered.	No content specified.	Must be lab based courses.* No content specified. Does not apply to students with disabilities whose course of study is determined by an Individualized Education Program (IEP).	Must include 1 year of U.S. History or combination of U.S. History and American Government and 1 semester Civics	Includes art, music, foreign language or vocational education.

HIGH SCHOOL DISTRICT 214 GRADUATION REQUIREMENTS

Students must meet the following course and credit requirements to graduate. These course/credit requirements are defined by and include the district’s learning goals and standards. Specific information about each requirement is available at each site. In order to receive a diploma from a District 214 high school, a student must:

Mathematics	English	Science	Social Science	CTE or World Language
3.0 credit units Including one unit of Algebra I and one unit of Geometry. ⁴	4.0 credit units No content specified. Meets State Requirement for Writing and Language Arts.	2.0 credit units Must be lab based courses.* No content specified. Does not apply to students with disabilities whose course of study is determined by an Individualized Education Program (IEP).	2.0 credit units Must include one year of U.S. History and American Government and one semester Civics.	1.0 credit units In the career and Technical Education program or the World Language program (including American Sign Language).
Fine Arts Pass a course(s) that meet(s) the Fine Arts requirement.	Physical Education A minimum of 3-5 days of daily physical education is a required course for all students in each of four years of high school. The State also requires that students during high school take a minimum of 18 weeks (one semester) of health education. ⁵	Federal and State Pass an examination covering the federal and state constitutions, the Declaration of Independence, and flag etiquette.	Consumer Education Meet the Consumer Education Requirement (see Consumer Education Requirement).	D214 Enrollment Enroll in District 214 as a full-time (2.75 credits) student for at least one semester and earn a minimum of 2.75 District 214 credits. Academic Credit Earn a minimum of 21.0 units of academic credit.
Computer Literacy Pass one year of a course that includes intensive instruction in computer literacy. ⁸				

1 This date assumes a student will graduate in four years.
 2 The legislative intent of this requirement is not to increase the number of units needed for graduation but rather to have schools incorporate content to meet the two-year writing-intensive requirement into other courses required for graduation, where appropriate.
 3 This represents the number of units of credit required at full implementation for the graduating class of 2012 and beyond (12 units, assuming a unit is equivalent to a year-long course). Additionally, physical education, while not a state graduation requirement is a required course for all students a minimum of 3-5 days a week in each of four years of high school (See ILCS 110.5/27-6 and 23 Ill. Adm. Code Section 1.425).
 4 Unless otherwise approved by an Associate Principal for Instruction or an Assistant Principal for Student Services.
 5 A minimum of 3-5 days of a physical education course is a required course for all students in each of four years of high school (see 105 ILCS 110, 105 ILSC 5/27-55/27-6 and 23 Ill. Adm. Code Section 1.425).
 6 Beginning with the 2020-2021 school year, students are required to complete a (1) Free Application for Federal Student Aid (FAFSA) with the U.S. Dept. of Education, (2) an application for State financial aid or (3) an Illinois State Board of Education (ISBE) waiver form indicating that the student understands what these aid opportunities are and has chosen not to file an application.
 7 Take the state-sponsored or in school SAT exam unless the student is exempt according to 105 ILSC 5/2-3.64.
 8 Beginning with the 2022-2023 school year, students are required to successfully complete one year of a course that includes intensive instruction in computer literacy, which may be English, social studies, or any other subject and which may be counted toward the fulfillment of other graduation requirements.

GUIDELINES FOR EARLY GRADUATION

The Superintendent or designee shall implement procedures for students to graduate early, provided they finish 6 fall/spring semesters of high school (excluding summer school) and meet all graduation requirements.

Unless otherwise exempted, each student must successfully accomplish the following in order to graduate from high school:

- The student must complete an Early Graduation Request form and file it with his/her counselor explaining the reason for early graduation and obtain all appropriate signatures. For students who are 18 years old, the parent/guardian signature indicates awareness and not approval.
- The school administration and the assistant superintendent for student services must approve all applications for early graduation. A parent conference is required before an Early Graduation Request will be approved.
- Complete all District graduation requirements that are in addition to the State requirements, as listed in the Academic Handbook. The student’s counselor will complete a credit review to determine that all graduation requirements will be met by the date of withdrawal from school.
- Complete all courses as provided in The School Code, 105 ILCS 5/27-22, according to the year in which a student entered the 9th grade.
- Complete all minimum requirements for graduation as specified by Illinois State Board of Education rule, 23 ILL.Admin.Code 1.440.
- Pass an examination on patriotism and principles of representative government, proper use of the flag, methods of voting, and the Pledge of Allegiance.
- Take the ISBE-approved achievement examination, unless the student is exempt according to 105 ILCS 5/2-3.64 .
- Diplomas are only available in June. The district does not hold midyear commencement exercises or distribute diplomas at that time. Transcripts confirming that the student has met all graduation requirements are issued upon request after all grades and credits are posted. Early graduates are welcome to participate in the commencement exercises held at the conclusion of the regular school year.

The Superintendent or designee is responsible for: (1) maintaining a description of all course offerings that comply with the above graduation requirements, (2) notifying students and their parents/guardians of graduation requirements, (3) developing the criteria for determining when a student accomplishes number 5 as well as a method for recording that fact in the student’s school record, and (4) taking all other actions to implement this policy.

Certificate of Completion

A student with a disability who has an Individualized Education Program (IEP) prescribing special education, transition planning, transition services, or related services beyond the student’s 4 years of high school, qualifies for a certificate of completion after the student has completed 4 years of high school. The student is encouraged to participate in the graduation ceremony of his or her high school graduation class. The

Superintendent or designee shall provide timely written notice of this requirement to students with disabilities and their parents/guardians.

PROOF OF ATTENDANCE

Parents/Guardians and students can use a students’ schedule, report card, or transcript to show proof of high school enrollment and/or attendance. No individual letters of enrollment and/or attendance will be issued for any reason.

GUIDELINES FOR REQUIRED COURSE LOAD AND FULL-TIME STATUS

A fulltime student is defined by the Illinois School Board of Education (ISBE) as not less than five (5) clock hours (300 minutes) of school work under the direct supervision of: (i) teachers, (ii) non-teaching personnel or volunteer personnel when engaging in non-teaching duties and supervision of students (Illinois School Code 105 ILCS 5/18-8.05) IN order to be counted in the district’s average daily attendance (ADA), a student must meet the 300-minute requirement.

District 214 requires that every student be a full-time student. Therefore, every student needs to be enrolled in 7 course blocks supervised by teachers or non-teaching/volunteer personnel when engaging in non-teaching duties and supervision of students. Courses taken Pass/No Credit (P/NC) count toward fulltime status only if the student earns a grade of “P”.

CREDIT FOR 8TH CREDIT-BEARING COURSE

If a student is planning to enroll in an eighth credit-bearing period, permission is required prior to enrollment. Students must work with their counselor to complete a Request to Enroll in an Eighth Academic Course form and secure signatures of the parent/guardian, counselor, and principal/alternative director. A copy must be filed with the school registrar.

GRADING AND PROMOTION

(Reference Policy 6:280)

The Superintendent shall establish a system of grading and reporting academic achievement to students and their parents/guardians. The system shall also determine when promotion and graduation requirements are met. A student shall not be promoted based upon age or any other social reason not related to academic performance.

Teachers use letter grades to report and document student achievement of course standards. Standards, which are established and communicated by Teachers at the outset of each course are used to evaluate student achievement. Grading should reflect a demonstrated understanding of content and skills and shall not be based on external factors such as behavior or discipline. Every teacher shall maintain an evaluation record for each student in the teacher’s classroom, and shall use the following Standard Score Scale to determine grades:

A = 90-100 | B = 80-89 | C = 70-79 | D = 60-69 | F = 0-59

Grading System	
A	Excellent performance
B	Strong performance
C	Satisfactory performance
D	Minimally acceptable performance
F	Unacceptable performance
P	Pass (pre-approval required)
I	Incomplete
IP	In progress* (student's learning is ongoing)
NC	No Credit (pre-approval required)
RE	Repeat (pre-approval required)
AT	Audit (pre-approval required)
AU	Audit (insufficient seat time to earn a grade)
LC	Level Change (pre-approval required)
W	Withdrawn from class
WI	Withdrawn Incomplete (transfer students only)
WF	Withdrawn Failing

PASS/NO CREDIT (P/NC) AND AUDIT (AT) OPTION

Students may take the Pass/No Credit or audit option in lieu of regular grading in elective courses. Students receiving a “P” grade will receive the appropriate course credit. No course credit is awarded for audit courses. Students are expected to discuss their reasons for taking the Pass/No Credit or audit option with their parents, counselor, and the teacher of the course. Colleges and universities may or may not accept Pass/No Credit courses to meet admission requirements. The required forms for Pass/No Credit or audit grading options are available in each school’s counseling office.

Guidelines

1. Students must declare their intent to take the Pass/No Credit or Audit option before the first day of the seventh week of the semester.
2. Students must be enrolled in at least six full-credit bearing courses, or an equivalent, under regular grading procedures to be eligible for the Pass/No Credit or Audit option (except during summer school). If a student drops the sixth credit-bearing course, the Pass/No Credit or Audit course reverts to normal grading.

3. The Pass/No Credit or Audit option does not apply to specific core courses required for graduation.
4. Students must meet all course prerequisites.
5. The grading standards of the class apply, and students must meet the same minimum standards to pass as other students in the class.
6. Either “P” (pass), “NC” (no credit), or “AT” (audit) are recorded on the student’s report card and transcript.
7. Grades “P”, “NC” and “AT” are not used in computing grade point average. However, the “P” grade in a credit-bearing course does count toward earning academic credit.

COURSE ACHIEVEMENT LEVELS

The district offers three curriculum achievement levels to meet the learning needs of individual students. Weighted grading is based on a course’s achievement level and course titles indicate their achievement levels.

Early College	(A = 5.0/4.0)
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A designation of “AP,” Advanced Placement, in the course title indicates the course follows the College Board’s guidelines for that subject’s official AP course description and has been authorized by the College Board through the AP Course Audit process. Students take college level courses while in high school and may take advanced placement exams in May to potentially earn college credit. Dual Credit designated courses, designated by a course number beginning with a six or seven, deliver the higher education institutions’ course utilizing credentialed faculty in our schools.

The district will also offer the 5.0 weight to Project Lead-the-Way (PLTW) courses.

Many colleges and universities move students who successfully complete Project Lead-the-Way (PLTW) in high school to a higher-level engineering class freshmen year. Students taking PLTW in high school can earn college credit from a number of participating universities/colleges. Colleges may give credit to students who achieve an 85 percent average in their high school course, earn a 70 percent or higher on the college credit exam, and complete a portfolio of coursework.

For more information on District 214 EEO policy see www.D214.org/District-Departments/D214-Student-Handbook.

Honors	(A = 4.5)
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Honors courses are offered at 4.5 grade weight and are intended to offer a more challenging academic experience covering more material at an accelerated pace. These courses are designed for students who excel in certain subjects and are comfortable working independently.

College Preparatory	(A = 4.0)
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College Preparatory courses are taught at grade level and prepare students for access to early college experiences and post-secondary opportunities. These course titles do not contain any achievement level designation.

Grade Point Values			
Grade	Dual Credit Advanced Placement (AP)	Honors	College Preparation
A	5.0	4.5	4.0
B	4.0	3.5	3.0
C	3.0	2.5	2.0
D	2.0	1.5	1.0
F	0.0	0.0	0.0

COURSE GRADING

Course-alike teachers of honors and college preparatory classes shall use common weightings for assignments and assessments. All letter grades are available to all students in all courses.

Course-alike teachers of 5.0 weighted classes may use an alternate grading scale as long as the alternate grading scale has been reviewed by their respective building administration and students are informed of the modified scale at the beginning of the course. All letter grades are available to all students in all courses.

EARNED HONORS

Courses designated as earned honors are available at select schools. In these courses, students have the opportunity to earn the 0.5 GPA differential given in honors designated coursework by demonstrating mastery in specific competencies and completing advanced tasks outlined in the syllabus.

DUAL CREDIT COURSES

The Dual Credit program allows high school students an opportunity to earn college credit and satisfy high school graduation requirements simultaneously. These are not high school courses. District 214 currently has agreements with numerous colleges and universities for dual credit. High school adjunct faculty deliver the college course content and meet college learning outcomes. Academic policies in these courses are governed by the partner institution.

Students enrolling in a dual credit course with a college partnering with D214 shall be classified as a student of that college and must abide by their rules and guidelines.

Students must meet both District 214 and college or university’s pre-requisites in order to be eligible to receive dual credit. District transcript review or placement testing may be required to meet the prerequisites for some courses.

Dual Credit students are additionally held to the college or university’s policies, procedures, and withdrawal dates, which are communicated to students through the dual credit courses syllabi. Students withdrawing from dual credit may receive a “W” or “F” on their college or university academic transcript according to the college or university’s withdrawal policies. A “W” on a college or university transcript may not affect a student’s college or university’s GPA; however, it still may have an im-

act on future financial aid eligibility. Similarly, any grade earned in dual credit courses will be transcribed through the college or university, and may affect GPA, hours earned, and future financial aid eligibility.

While District 214 strives to develop dual credit opportunities which maximize students’ post-secondary opportunities, transferability of college or university credit is at the discretion of a receiving post-secondary institution.

To be eligible and registered for dual credit, students may need to complete a college application specific to the university or college offering the dual credit course. Instructions for this application, if required, will be provided to students and their families in the summer before the school year when the course begins. Students who do not complete the application may be ineligible to enroll in the dual credit course. For assistance with these applications, students should consult their counselor. Any questions about the transferability of dual credit courses should be directed to the college or university the student is considering.

FINAL GRADES AND PROGRESS REPORTS

1. Final grades and units of credit are earned at the end of each semester.
2. Student grades, attendance and teacher comments can be accessed through the Infinite Campus online grading portal that is regularly updated.
3. Final grades, which include the results of any comprehensive examination/assessment, are given at the end of the semester reflect the achievement of course standards, and are recorded on the student transcripts (permanent records).
4. Students enrolled in a yearlong course may take cumulative exams or receive alternative assessments prior to the end of the first semester.

PROCEDURE TO DETERMINE GRADE POINT AVERAGE (GPA)

Two grade point averages are computed and recorded on report cards and transcripts. The **weighted GPA** is computed by dividing the sum of the weighted grade points by the number of credits attempted.

The **non-weighted GPA** is computed by dividing the sum of non-weighted grade points (A = 4, B = 3, etc.) by the number of credits attempted. Grades earned in physical education and driver education are not included in either GPA.

COURSE SELECTION

Course selection is as much a commitment by the student as the school. Students should ask teachers, counselors, and administrators for help in selecting courses and discuss their plans, decisions, and choices with their parent(s)/guardian(s).

Requesting a course does not guarantee that the course will be available. Sometimes it is necessary to cancel courses due to insufficient enrollment or other factors. Irresolvable scheduling conflicts may also occur. Students should have alternative course selections and backup plans ready in the event of such situations. Courses are reviewed each year. Any course not taught for two years is placed on the archive list.

THE EFFECT OF COURSE LOAD ON GPA

Counselors can advise students regarding the impact of an overload on weighted GPA. Students may wish to use the Pass/No Credit (see **Pass/No Credit P/NC**) or Audit (see **Audit/AT**) options in elective courses to avoid a negative impact on their weighted GPA; however, some colleges and universities discourage the use of Pass/No Credit or Audit options.

CONSUMER EDUCATION REQUIREMENT

Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:

- Personal Finance (06210)
- Economics (07830)
- Consumer Education (59940)
- AP Economics (07931/07932)

SUBSTITUTION FOR PHYSICAL EDUCATION

(Reference Policy 6:310)

Students in grades 9 to 12, unless otherwise stated, may submit a written request to the Building Principal to be excused from physical education courses for reasons below. The Superintendent or designee shall maintain records showing that the criteria set forth in this policy were applied to the student's individual circumstances, as appropriate;

1. Enrolling in a marching band program for credit;
2. Enrolling in a Reserve Officer's Training Corps (ROTC) program sponsored by the district;
3. Ongoing participation in an interscholastic athletic program (students in grades 9-12);
4. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade);
5. Enrollment in academic classes required for graduation from high school, provided that failure to take such class will result in the student being unable to graduate (student must be in 11th or 12th grade)

A student who is eligible for special education may be excused from physical education courses pursuant to Policy 7.260.

Attendance in Physical Education class will be excused for the entire semester during which students participate in athletic competitions. If an athletic season spans two semesters, students may request an exemption for only one of the semesters. A designated building administrator shall verify students' participation or potential participation in said athletic programs. Non-participation on the athletic team will result in the loss of substitution privileges and will require students to return to their Physical Education class immediately. In this case, students will have the opportunity to earn grades and credit based on their work and performance during the remainder of their attendance in the Physical Education class.

INDEPENDENT STUDY AND NON-DISTRICT 214 EXPERIENCES

(REFERENCE POLICY 6:310)

Students who wish to participate in an independent study or non-district course must complete a study contract and submit it for approval to the supervising teacher or administrator before beginning the coursework. The supervising teacher or administrator is responsible for obtaining approval for the coursework from the student's counselor, appropriate division head, and the associate principal for instruction. The student will not receive a grade or credit unless an approved contract (signed by all parties) is on file with the student's counselor and a copy is on file with the registrar.

Specific core courses required for graduation cannot be passed through independent study. Non-district courses may be taken for required or elective credit.

Note: The NCAA may not accept independent study, non-district, or online learning courses as meeting core course requirements for athletic eligibility.

Guidelines

All instructional areas (art, music, English, mathematics, science, career and technical education, world language, social science, physical education, and computer science) offer students the opportunity to do independent study, accredited correspondence, and/or online learning courses. When a student receives approval for such an activity, he/she will work independently under the direction of a teacher or administrator on a subject that is not otherwise available to the student.

The following are guidelines for independent study, accredited non-district, and/or online learning courses in District 214:

1. A student must complete a contract that must be signed by the student and the student's parent/guardian. The supervising teacher or administrator, the division head of the content area where credit is earned, the student's counselor, and the associate principal for instruction must then approve the contract.
2. The contract must be approved before the first day of the second week of the semester or its equivalent.
3. A student may apply to do an independent study or non-district course in any content area only after completing courses offered by District 214 in that subject unless the supervising teacher or administrator determines that the student already possesses the prerequisite knowledge and skills or in cases where courses cannot be scheduled.
4. Independent study or non-district courses are not to be considered part of the state mandate of 300 minutes per day of supervised study unless the student attends a class daily and an instructor documents his/her attendance.
5. A student desiring to participate in an independent study or non-district course should be concurrently enrolled in seven credit-bearing classes; exceptions must be approved by the principal or director.

6. Once the project is approved, the student is expected to meet regularly with the supervising teacher or administrator to evaluate his/her progress in achieving the projects outcomes.
7. Credit and grades will be recorded on the student's report card and permanent academic record (transcript). Grades for independent study are included in the student's grade point average. Non-district courses must be taken from an accredited institution (ISBE, NCA, or its equivalent) and credit is accepted as transfer credit upon receipt of an official transcript from the institution. Non-accredited non-district courses are evaluated for transfer credit and grade by the school administration (see Transferring Credit Procedure). The student must bear the cost of non-district or online course(s).
8. A student has the option of requesting independent study on either a graded or Pass/No Credit basis, providing the provisions of the district's Pass/No Credit guidelines are met.
9. Division heads should verify that an independent study or non-district course has been satisfactorily supervised and completed before the student receives a final grade and credit.
10. A student must compile a body of evidence of the completed project/study that reflects his/her achievement of learning standards and expectations. This evidence of learning must include a student self-assessment component as evidence of achievement (such as a portfolio of work).

GUIDELINES FOR DROPPING A COURSE

A student must have the approval of his/her parent or guardian to drop a course and must process the request for withdrawal with his/her counselor. Once a semester begins, the following rules apply:

1. If a student drops a course on or before the 15th day (not including holidays, institute, and non-attendance days), no record of the course appears on the student's transcript.
2. Students who drop or are dropped from a summer school course will have the course title and a grade of "W" (withdrawn) recorded on their transcript. (Note: "W" grades are not included in computing grade point average and do not affect honor roll eligibility.)
3. Students who drop a course on or after 31 school days (not including holidays, institute, and non-attendance days) a grade of "WF" (withdrawn failing) is recorded on the student's transcript.
4. If the administration, any time after the end of the 31st school day (not including holidays, institute, and non-attendance days), drops a student from a course, the course title and a grade of "F" (failing) are recorded on the student's transcript.
5. "WF" and "F" grades are included in computing grade point averages and negatively impact honor roll eligibility.

Dropping a Course During Summer School

1. Students who drop or are dropped from a summer school course anytime during the 1st week will have the course expunged from their academic record.

2. Students who drop or are dropped from a summer school course anytime during the 2nd week will receive a "W" (withdrawn) as a final semester grade.
3. Students who drop or are dropped from a summer school course during the 3rd week will receive a "WF" (withdrawn failing) as the final semester grade.

GUIDELINES FOR REPEATING A COURSE

Repeating a Failed Course

If a student repeats and passes a previously failed course, the failing grade ("F" or "WF") will be replaced by "RE" (repeat) on the student's permanent record; the course title, new grade, and teacher of record will be recorded in the term that the course is repeated and passed; the student will receive the appropriate credit and grade points. If the student repeats the same course several times, all previous grades will be changed to "RE" when the student successfully passes the course.

The following guidelines apply to repeating a failed course:

1. Repeating the same course (number and title) can only be completed *without administrative permission* through summer school, young adult program, alternative school or in credit recovery. The administration can give permission for students to repeat a class during the regular school day.
2. If a student repeats a failed course with a course that has a different number, title, description, and/or level, he/she must complete a "Request to Repeat a Course" form. The student must work with his/her counselor to complete and submit it, before enrolling in the course, to the assistant/associate principal for student services who will initiate the review and instruction. No grade will be changed unless an approved form is on file with the student's counselor and the registrar.

Repeating a Passed Course for a Higher Grade

If a student repeats a course (same or alternative) for which he/she has already earned a passing grade and credit, the highest grade earned in that course and the teacher giving it are recorded in the term earned and the lower grade(s) is changed to "RE" (repeat).

The following additional guidelines apply to repeating previously passed courses:

1. Repeating the same course (number and title) can only be completed *without administrative permission* through summer school, the young adult program, or an alternative school. The administration can give permission for students to repeat a class during the school day.
2. If the course to be repeated is one in a sequence of courses, the course must be repeated prior to enrollment in the next course(s) in the sequence. For example, French 1 must be repeated before enrolling in French 2. The division head will determine the sequence position of any course whose title does not include a numerical or year-in-school designation.

PROCEDURE FOR TRANSFERRING CREDIT

District 214 accepts the earned credits of students who transfer from schools accredited by the State of Illinois or an accrediting agency recognized by the U.S. Department of Education.

The district does not grant credit toward graduation for out of district courses in religion or Bible studies. In the case of a student transferring from a foreign school, non-accredited school, or home school, the school administration has the authority to determine and approve grades and quantity of academic credit the student earned prior to entering a District 214 school or alternative program.

The student receives grade points for a transferred course based on the credit and level earned at the institution from which they are transferring. Transfer students who have taken courses at a school accredited by the Illinois State Board of Education (ISBE) or accrediting agency recognized by the U.S. Department of Education are eligible for honor roll status.

If a student transfers to a District 214 school from another accredited school late in the term, the student receives a final District 214 grade in any District 214 course that is a continuation of a course taken at the previous school. The student's performance in the course at the previous school will be taken into consideration in determining the final grade. The student receives a final grade of Audit (AU) in any District 214 course that is not a continuation of a course taken at the previous school.

Foreign Transfer Students: Credit for English Courses

The administration grants transfer credit for English courses taken in a foreign country toward meeting the District 214 English/Language Arts graduation requirement based on the presentation of an official transcript and in accordance with the following guidelines:

1. If a student's performance on the ESL placement assessment battery places the student in mainstream English/Language Arts courses at a level of Introduction to Literature and Writing or higher, the administration may grant credit toward meeting the English/Language Arts graduation requirement for English courses taken in foreign countries depending on an analysis of the student's transcript(s), ESL placement test results, and performance in the first term English course. A maximum of 1.0 unit of English credit toward meeting the English/Language Arts graduation requirement for each preceding year of high school (e.g., a transfer student placed as a first semester junior) is awarded a maximum of 2.0 units of transfer credit toward meeting the English/Language Arts graduation requirements.
2. If a student is placed in the ESL program, the administration may grant credit toward meeting the English/Language Arts graduation requirement based on ESL placement, transcript analysis, and performance in his/her entry ESL courses.
 - a. A maximum of 1.0 unit of ESL credit toward meeting the English Language Arts graduation requirement is awarded to the student placed in ESL 2.
 - b. A maximum of 2.0 units of ESL credit toward meeting the English/Language Arts graduation requirement is awarded to the student placed in ESL 3.

3. No credit toward meeting the English/Language Arts graduation requirement is awarded to a student placed in Introduction to ESL 1 (08001/08002), Introduction to ESL 1 Reading (08011/08012), ESL 1 Strategies (08021/08022), and ESL 1 (08031/08032). If the official foreign transcript shows that the student took an English course(s), the student can earn elective credit toward the total number of units needed for graduation. A maximum of 1.0 unit of ESL elective credit toward the total number of credits needed for graduation is awarded to the student placed in course number 08001/08002, 08011/08012, 08021/08022, and 08031/08032 unless approved by the Assistant Principal of Student Services or designee.

ACHIEVEMENT AND AWARDS

(Policy 6:330)

Grade Point Average and Class Honor Roll

The Superintendent shall maintain a uniform process for secondary schools to calculate, on at least a yearly basis and each student's grade point average, as well as an honor roll for each class.

Awards and Honors

The Superintendent shall maintain a uniform process for presenting awards and honors for outstanding scholarship, achievement, and/or distinguished service in school activities in such a way as to minimize bias and promote fairness. The Superintendent shall supervise the selection of the recipient(s).

All donations for awards, honors, and scholarships must receive the Board of Education's prior approval. The District will not sponsor Baccalaureate services.

PROCESS TO DETERMINE HONOR ROLL STATUS

The district compiles honor rolls in January and June to recognize student achievement. Students are placed on the "A" honor roll if they are full-time students (see Full-Time Status), have a semester grade point average in January and/or June of at least 3.50, and have no final letter grade lower than a "B" (or its equivalent in AP courses). Students are placed on the "B" honor roll if they are full-time students (see Full-Time Status), have a semester grade point average in January and/or June of at least 3.0 or higher, and have no final letter grade lower than a "C" (no equivalent in AP courses).

Students who earn credit through independent study, proficiency, and accredited correspondence or online learning options are eligible for honor roll providing they meet all other criteria for honor roll eligibility.

A student is ineligible for honor roll status if he/she is not a full-time student, has a final grade in January or June of "D," "F" or "WF".

The school uses the higher of a student's two grade point averages (weighted and non-weighted) to determine honor roll status. Physical education and driver education courses count toward academic status but are not calculated into a student's GPA.

Honor Roll Awards

Schools provide special recognition for students who have been on the "A" or "B" honor roll for four and seven consecutive semesters (computed after 1st semester each year). Students receive their recognition second semester.

HONOR GRADUATES

Students receive special recognition at graduation for academic achievement based on their cumulative grade point average.

Recognition	Cumulative GPA
Highest Honors	4.20 +
High Honors	4.00 - 4.19
Honors	3.80 - 3.99

The school uses the higher of the student's two grade point averages (weighted and non-weighted) to identify honor graduates. A student's GPA is rounded to two decimal points to determine his/her eligibility for recognition.

SEAL OF BILITERACY AND COMMENDATION FOR SEAL OF BILITERACY

District 214 students have the opportunity to be recognized by the State of Illinois for earning proficiency in English and an additional language. There are two levels of proficiency recognized, the Seal of Biliteracy and Commendation toward the Seal of Biliteracy. A student's demonstrated proficiency level in English and another language will determine the award level achieved.

Illinois public post-secondary institutions must grant university language credit to recipients of the Seal of Biliteracy.

There are a number of ways to demonstrate proficiency. District 214 offers language testing for students who are interested. Detailed information around achievement criteria and benchmarks, please visit the [District 214 Seal of Biliteracy](#) webpage.

COLLEGE AND CAREER PATHWAY ENDORSEMENTS

Illinois State Board of Education (ISBE) awards Endorsements to recognize and incentivize student attainment of knowledge and skills important for success after high school. It's recognition from the state of Illinois that a student has completed all facets of a career pathway at District 214.

Endorsements signal to colleges, universities and employers that students are career-ready and have built a strong foundation in their chosen field.

Students in D214 earn endorsements by taking a series of courses in a career pathway that include six hours of early high school credit, participating in team-based challenges and other career development activities and gaining work-based learning experience through an internship or apprenticeship. In addition, the student must demonstrate postsecondary readiness in English and math.

Each District 214 College and Career Pathway aligns to a specific ISBE Endorsement area. Endorsements are awarded in the following areas:

- Arts and Communications
- Agriculture, Food and Natural Resources
- Finance and Business Services
- Health Sciences and Technology
- Human and Public Services
- Information Technology
- Manufacturing, Engineering, Technology and Trades
- Multidisciplinary

Students interested in earning an ISBE College and Career Endorsement should contact their high school counselor for more information.

SPECIAL ACADEMIC PROGRAMS

Young Adult Program (YAP)

District 214 offers a specialized evening program, located at the Forest View Educational Center (FVEC), designed to help young adults earn their high school diploma. The Young Adult Program (YAP) offers classes that run either Monday and Wednesday or Tuesday and Thursday. There are two classes each evening that start at 4:30 p.m. and 6:30 p.m.

This program is designed for students who are not able to attend day school and need to complete their high school requirements in the evening. In addition, YAP offers credit recovery for students who are currently enrolled in a District 214-day school. With the permission of their parents, guidance counselor, school administration and the YAP Coordinator, this program allows students to successfully complete high school graduation requirements.

In order to take classes at YAP, students:

- must be living within the attendance boundaries of High School District 214.
- must be enrolled at their District 214 home school.
- must be at least 16 years of age and have a minimum of 10 credits if attending YAP only.
- must be 15 years of age with no credit minimum if attending day school and YAP.

Vanguard School (VNGD)

In 1997, District 214 established this unique learning environment for non-special education students in grade 9, 4th quarter who are not currently accumulating academic credit at the expected rate and who wish to earn a District 214 diploma. Vanguard School is a pioneering effort that provides a non-traditional education where a team of teachers implement new instructional techniques, uses innovative curriculum, and utilizes community resources to meet the academic needs and career aspirations of students. Students spend half of the school day providing service in the community and half of the school day in academic endeavors. Referrals are made through Student Services screening teams at each high school.

Admission is the result of collaboration among school representatives, Vanguard School staff, the student, and his/her parent(s)/guardian(s).

Vanguard is a school of personalized learning, serving students from each of the 6 comprehensive high schools. Vanguard offers a different academic environment, allowing students to work more closely with teachers. Students work on core content classes at their own pace, often allowing for more accelerated credit acquisition. Students work closely with a “team leader” who helps guide academic choices and experiential opportunities. Through social-emotional support, we build positive relationships that help students find their pathway to success.

As part of the District 214 school community, Vanguard remains connected to the mission and goals of the district. Staff members implement innovative learning techniques and work to build student skills in the core curriculum. Many of the classroom activities use experiential learning strategies and a hands-on approach that fosters student engagement. Our unique connection beyond the classroom utilizes community resources to meet the post-high school goals of the students. Vanguard offers several weekly community service and/or career-focused opportunities to help students prepare to be engaged citizens, ready for the career path of their choice.

The Academy at Forest View (TAFV)

The Academy at Forest View serves students with Special Education eligibility whose social-emotional and academic needs require intensive supports in a therapeutic setting. Students are referred to The Academy at Forest View through the IEP process. The Academy at Forest View supports instruction towards high school graduation credits for students needing a smaller setting with supports for social-emotional learning. As students progress academically and demonstrate growth towards managing their needs, teams plan for classes and extracurricular opportunities within our District 214 comprehensive high schools. Through career exploration activities, students are encouraged to identify their post-school interests and engage in experiential learning with our community partners. The Academy at Forest View serves the District 214 community to provide a highly structured and nurturing learning environment in which students actively grow towards their aspirations.

District 214 Life and Career Planning

District 214 is committed to preparing high school students for success in the 21st century. That preparation includes a solid academic core of communication and math skills, an understanding of the natural and social world, an ability to access information for lifelong learning, and the skills for problem solving and decision-making. One of the most important and difficult decisions that our young people face is the choice of a career and life work. To be able to make that important decision a student must be aware of the vast number of careers available and have

access to information about each; 2. understand his/her skills and interests and how those match career fields; 3. have opportunities to explore possible career fields; 4. build the requisite skills and knowledge through a coherent sequence of courses and post-secondary education; and 5. gain valuable workplace skills and “try on” careers to see if they fit through work experience. The district’s career planning guide describes the connection between career interests and course choices. Students are encouraged to review this guide when planning their course selection and to take advantage of the many opportunities for career exploration provided by their school. Students and families may use the Naviance computer program, which is designed to help with career explorations and the college searches. The Naviance program allows communication between what is being covered in the guidance sessions at school and to reinforce this communication at home. This program also serves as an additional communication tool from counselors to families reminding students of upcoming sessions, and correspondence through school Gmail accounts. The District 214 life program at Forest View serves students pursuing transition services beyond their high school graduation requirements. In recognition of the variety of post-school plans our students have for their future, our goal is to propel students towards their future career, educational, and life-ready plans. Learning, Independence, Fulfillment, and Enrichment captures the self-determination approach to providing authentic experiences for our students. Classroom programming includes functional academics, social skills, executive functioning, and learning independent living skills. Students participate in work-based learning to develop vocational skills and interests. Community based learning helps develop student skills needed to access resources to promote independence in the community. The IEP Transition Plan drives team planning for coordination for services beyond school.

ENGLISH LANGUAGE LEARNERS PROGRAM (Policy 6:160)

The District offers opportunities for resident English Language Learners to develop high levels of academic attainment in English and to meet the same academic content and student academic achievement standards that all children are expected to attain. The Superintendent or designee shall develop and maintain a program for English Language Learners that will:

1. Assist all English Language Learners to achieve English proficiency, facilitate effective communication in English, and encourage their full participation in school activities and programs as well as promote participation by the parents/guardians of English Language Learners.
2. Appropriately identify students with limited English proficiency.
3. Comply with State law regarding the Transitional Bilingual Educational Program and Transitional Program of Instruction.
4. Comply with any applicable State and federal requirements for the receipt of grant money for English Language Learners and programs to service them.

5. Determine the appropriate instructional program and environment for English Language Learners.
6. Annually assess the English proficiency of English Language Learners and monitor their progress in order to determine their readiness for a mainstream classroom environment.
7. Include English Language Learners, to the extent required by State and Federal law, in the District’s student assessment program to measure their achievement in reading/language arts and mathematics.
8. Provide information to the parents/guardians of English Language Learners about:
 - I) the reasons for their child’s identification,
 - II) their child’s level of English proficiency,
 - III) the method of instruction to be used,
 - IV) how the program will meet their child’s needs,
 - V) specific exit requirements of the program,
 - VI) how the program will meet their child’s individualized education program, if applicable, and 7) information on parent/guardian rights.

Parents/guardians will be regularly apprised of their child’s progress and involvement will be encouraged.

TALENT DEVELOPMENT PROGRAM (TDP)

The Talent Development Program (TDP) provides a district wide network of support for high achieving, highly motivated students looking to engage with their peers through achievement activities that extend their academic experiences beyond the school day. Students enrolling in the District 214 advanced placement program during their freshman and/or sophomore year will be invited to participate as a member of TDP. Enrichment activities serve as a resource for families seeking strategies to support the college and career planning, in addition to the social emotional needs of their student. TDP offers students life and career planning opportunities ranging from general career awareness activities to extensive summer internships in specific careers (e.g., journalism, computer operations, financial services, engineering, veterinary medicine, law, medical and health careers, business, and architecture). There are no courses in the District 214 curriculum that are designated exclusively for TDP students. A full range of Advanced Placement courses provide a rigorous curriculum for TDP students. It is essential that each student in TDP work closely with his/her counselor when selecting courses. Parents should be closely involved in this process.

Talent Development Program offers high-achieving, highly motivated students opportunities to gain new skills and enhance existing talents through special programs.

Students taking Advanced Placement courses are automatically enrolled in the program. Students who wish to challenge themselves academically and personally also can participate. TDP empowers students to position themselves for success beyond the classroom.

The Talent Development Program includes the TDP Summer Enrichment Series and the TDP Student Leadership Committee.

TDP Summer Enrichment Series

TDP Summer Enrichment is a District-wide program comprising innovative weeklong courses that reach beyond traditional classroom lessons. These non-credit seminars cover a wide array of areas, including graphic arts, forensic science, culinary arts, automotive care, creative writing and more. An all-District summer musical also is part of the TDP Summer Enrichment series.

SUMMER SCHOOL (Reference Policy 6:310)

Summer School is open to students residing within the district, including eighth-grade graduates, with out-of-district students accepted if space allows and with applicable fees. The program is approved by the Board and is intended to be financially self-sufficient.

Summer school serves as a supplement or extension of the regular academic year, providing a two-session program with registration in the spring. Detailed registration information is available through the District 214 website beginning in January.

In accordance with the district’s remediation policy, students who do not meet achievement standards, including incoming freshmen, may be asked to attend. Credits earned are recorded separately from regular school year credits, and summer grades are factored into the GPA, though no honor rolls are maintained. Failed courses can generally only be repeated in summer school or alternative programs unless administrative permission is granted for regular term repetition.

STUDENT TESTING AND ASSESSMENT PROGRAM

The District student assessment program provides information for determining individual student achievement and instructional needs; curriculum and instruction effectiveness; and school performance measured against District student learning objectives and statewide norms.

The Superintendent or designee shall manage the student assessment program that, at a minimum:

1. Administers to students all standardized assessments required by the ILL. State Board of Education (ISBE) and/or any other appropriate assessment methods and instruments, including norm and criterion-referenced achievement tests, aptitude tests, proficiency tests, and teacher-developed tests.

2. Informs students of the timelines and procedures applicable to their participation in every State assessment.
3. Provides each student's parents/guardians with the results or scores of each State assessment and an evaluation of the student's progress. See policy 6:280, Grading and Promotion.
4. Utilize professional testing practices.

Overall student assessment data on tests required by State law will be aggregated by the District and reported, along with other information, on the District's annual report card. All reliable assessments administered by the District and scored by entities outside of the District must be (1) reported to ISBE on its form by the 30th day of each school year, and (2) made publicly available to parents/guardians of students. Board policy 7:340, Student Records, and its implementing procedures govern recordkeeping and access issues.

This is an articulated series of standardized assessments administered by District 214, covering the subject areas of English, reading, writing, mathematics, and science:

8th Grade (Fall) PreACT 8/9
9th Grade (Spring) PreACT 8/9 Secure
10th Grade (Spring) PreACT Secure
11th Grade (Spring) ACT w/Writing

CO-CURRICULAR ACTIVITIES

Co-curricular activities are school-sponsored programs for which some or all of the activities are outside the instructional day. They do not include field trips, homework, or occasional work required outside the school day for a scheduled class.

Academic Criteria for Participation

The Superintendent or designee must approve an activity in order for it to be considered a District-sponsored co-curricular activity, using the following criteria:

1. The activity will contribute to the leadership abilities, social well-being, self-realization, good citizenship, or general growth of student-participants.
2. Fees assessed students are reasonable and do not exceed the actual cost of operation.
3. The District has sufficient financial resources for the activity.
4. Requests from students.
5. The activity will be supervised by a school-approved sponsor.

Non-school sponsored student groups are governed by School Board policy, 7:330, Student Use of Buildings - Equal Access.

Academic Criteria for Participation

Selection of members or participants is at the discretion of the teachers, sponsors, or coaches, provided that the selection criteria conform to the District's policies and procedures. Participation in co-curricular activities is dependent upon course selection and successful progress in those courses. In order to be eligible to participate in any school-sponsored or

school-supported athletic or co-curricular activity, a student must satisfy the Illinois High School Association's scholastic standing requirements. Any student-participant failing to meet these academic criteria shall be suspended from the activity until the specified academic criteria are met.

ILLINOIS HIGH SCHOOL ASSOCIATION (IHSA) SCHOLASTIC STANDING REQUIREMENTS (IHSA Bylaw 3.020)

3.021 They shall be doing passing work in at least twenty-five (25) credit hours of high school work per week.

3.022 They shall, unless they are entering high school for the first time, have credit on the school records for twenty-five (25) credit hours of high school work for the previous semester. Such work shall have been completed in the semester for which credit is granted or in a recognized summer school program which has been approved by the Board of Education and for which graduation credit is received.

3.023 They shall not have graduated from any four-year high school or its equivalent.

3.024 Passing work shall be defined as work of such a grade that if on any given date a student would transfer to another school, passing grades for the course would immediately be certified on the student's transcript to the school to which the student transfers.

3.025 Work taken in junior college, college, university, or by correspondence may be accepted toward meeting the requirements of this Section provided it is granted credit toward graduation from high school by the local Board of Education.

NO PASS/NO PLAY AND RECORD OF ACTIVITIES

The School Code requires high school districts to establish and enforce a No Pass/No Play Policy that sets an academic standard for participation in any school-sponsored or school-supported athletic and co-curricular activity (105 ILCS 5/10-20.30).

No Pass/No Play Policy (Reference Policy 7:240)

The Superintendent or designee, using input from coaches and sponsors of co-curricular activities, shall develop a conduct code for all participants in co-curricular activities consistent with Board of Education policy and the rules adopted by any association in which the School District maintains a membership. The conduct code shall: (1) require participants in co-curricular activities to conduct themselves at all times, including after school and on days when school is not in session, and whether on and off school property, as good citizens and exemplars of their school, (2) notify participants that failure to abide by it could result in removal from the activity, (3) emphasize hazing and bullying activities are strictly prohibited. The conduct code shall be reviewed by the Building Principal periodically at his or her discretion and presented to the Board.

All coaches and sponsors of co-curricular activities shall annually review the rules of conduct with participants and provide participants with a copy. In addition, coaches and sponsors of interscholastic athletic programs shall provide instruction on steroid abuse prevention to students in grades 9 through 12 participating in these programs.

No Pass/No Play Implementation Procedures

The following administrative procedures were implemented throughout the district.

1. Based on the integration of the No Pass/No Play provisions of the School Code, Board Policy 4.5, the IHSA eligibility criteria, and the District 214 Cocurricular Code, the district's No Pass/No Play policy will apply to the following list of each performing/competing student group.

No Pass/No Play, Eligibility, and Co-curricular Code Activities/Athletics

Activities

- Bass Fishing Team
- Chess Team
- Class Board Officer (Student Council)
- Competitive Marching Band
- Cricket
- Debate Team
- Debate Team (Forensics)
- DECA
- Drama and Group Interpretation
- Drill Team
- Fall, Winter & Spring Plays
- FCCLA
- IHSA Journalism
- Jazz Band* Interscholastic Competition
- Marching Band Individual Competition
- Math Team
- Musical
- Orchestration (Performance)
- Robotics Team
- Scholastic Bowl Team
- School Art/Performance Play
- Science Olympiad Team
- Show Choir Interscholastic Competition
- Sideline Cheerleading
- Speech Team/Individual Events
- Student Congress Team
- Student Council Officers

*Interscholastic Competition or Non-Graded Performance

Athletics

- Badminton Girls
- Baseball Boys
- Basketball Boys and Girls
- Bowling Girls
- Competitive Cheerleading
- Competitive Dance
- Cross-Country Boys and Girls
- Football Boys
- Golf Boys and Girls
- Gymnastics Boys and Girls
- Lacrosse Boys and Girls
- Soccer Boys and Girls
- Softball Girls
- Swimming and Diving Boys and Girls
- Tennis Boys and Girls
- Track and Field Boys and Girls
- Volleyball Boys and Girls
- Water Polo Boys and Girls
- Wrestling Boys

*Including any new or additional activities run under the District's auspices.

2. The eligibility of all students involved in one or more of the activities listed are monitored in terms of the IHSA eligibility standards and the district's current eligibility system.
3. Coaches and sponsors will accurately monitor the eligibility of each participating student in accordance with Board Policy 7:240.
4. The co-curricular activities listed include academic courses that are scheduled as classes during the regularly scheduled school day and co-curricular activities consisting of performances/competitions occurring outside the master schedule of approved courses.

Students have a property right to participate in the graded component(s) of such activities. The graded components are, therefore, not subject to the provisions of the No Pass/No Play policy or the Co-curricular Code. However, student participation in the non-graded co-curricular component of such activities is a privilege and is, therefore, subject to the provisions of the No Pass/No Play policy and the Co-curricular Code. Coaches/Sponsors of the integrated academic and co-curricular activities will identify and report to the assistant principal for student activities (APSA) at the beginning of the school year those co-curricular activities that are not graded and that are therefore, subject to the provisions of No Pass/No Play, eligibility, and co-curricular code policies.

Record of Activities

The student record of activities is separate from the student's transcript. Only activities covered by the No Pass/No Play policy, monitored by the eligibility system and subject to the provisions of the co-curricular code, will be recorded on the student's permanent record. The district/school is not responsible for documenting, in any way, a student's participation in any other activities.



HIGH SCHOOL DISTRICT 214

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7600 | www.d214.org

DISTRICT 214 COMMUNITY EDUCATION

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7700 | www.ce.d214.org

DISTRICT 214 EDUCATION FOUNDATION

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7700 | www.214foundation.org

BUFFALO GROVE HIGH SCHOOL

1100 West Dundee Road
Buffalo Grove, IL 60089
847-718-4000 | bghs.d214.org

ELK GROVE HIGH SCHOOL

500 West Elk Grove Boulevard
Elk Grove Village, IL 60007
847-718-4400 | eghs.d214.org

JOHN HERSEY HIGH SCHOOL

1900 East Thomas Street
Arlington Heights, IL 60004
847-718-4800 | jhhs.d214.org

INTERNATIONAL NEWCOMER ACADEMY

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7937 | nc.d214.org

LIFE TRANSITION PROGRAM

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7772 | www.d214.org/life

PROSPECT HIGH SCHOOL

801 West Kensington Road
Mount Prospect, IL 60056
847-718-5200 | phs.d214.org

ROLLING MEADOWS HIGH SCHOOL

2901 West Central Road
Rolling Meadows, IL 60008
847-718-5600 | rmhs.d214.org

THE ACADEMY AT FOREST VIEW

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7772 | theacademy.d214.org

VANGUARD SCHOOL

2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7870 | vanguard.d214.org

WHEELING HIGH SCHOOL

900 South Elmhurst Road
Wheeling, IL 60090
847-718-7000 | whs.d214.org

YOUNG ADULT PROGRAM

2901 West Central Road
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847-718-5788