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Strategies for Learning 112
Strategies for Learning 2 112
Strategies for Learning 3 112
Strategies for Learning 4 112
Life and Career Planning-70 hours 112

Naval Science 113
Naval Science 1 113
Naval Science 2 113
Naval Science 3 113
Naval Science 4 113

Driver Education 114
Driver Education Course 114
Driver Education Classroom 114
Helpful Internet Tools for Finding a Career Pathway

Students can set up their own Career Cruising and Naviance accounts. Please see your counselor or career advisor for more information.

Career Cruising is an Internet-based career exploration and planning tool used by students to explore career and college options and develop a career plan. Features of the program include: Assessments, Career Profiles, Multimedia Interviews and College/University and Apprenticeship Information.

Naviance is a college and career readiness platform that helps connect academic achievement to post-secondary goals. It also allows students to create a plan for their futures by helping them discover their individual strengths and learning styles and explore college and career options based on their results.

Career Cruising

Career Cruising.com

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.

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.

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.

Program of Study:
Sequence of courses and experiences that include core academic, career and technical education content. Programs of study include opportunities to earn college credit and industry-recognized credentials or certificates and gain external career experiences while in high school.

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.

Introduction and Definitions

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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.

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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 Enforcement Services/Corrections Services
- Manufacturing
- Marketing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics

The Five CTE Areas

- Agricultural Education
- Business, Marketing and Computer Education
- Family and Consumer Sciences
- Health Sciences Technology
- Technology and Engineering Education

The National Career Clusters® Framework is comprised of 16 Career Clusters and related Career Pathways to help students explore different career options and better prepare for college and career.

Agricultural Education

- Agriculture, Food and Natural Resources
  - Environmental Science Systems
  - Food Products and Processing Systems
  - Plant and Animal Systems
  - Power, Structural and Technical Systems

Business, Marketing and Computer Education

- Business Management and Administration
  - Business Management and Administration
- Finance
- Government and Public Administration
- Hospitality and Tourism
- Marketing

Family and Consumer Sciences

- Education and Training
  - Teaching/Training: Early Childhood Education
  - Teaching/Training: Primary Education
  - Teaching/Training: Secondary Education
- Hospitality and Tourism
- Human Services
  - Counseling and Mental Health Services
  - Personal Care Services: Cosmetology
  - Personal Care Services: Personal Training

Health Sciences Technology

- Health Science
  - Health Science

Technology and Engineering Education

- Architecture and Construction
  - Construction: Building Trades
- Arts, Audio/Video Technology and Communications
  - Audio/Video Technology and Film
  - Communications: Writer/Author/Editor
  - Journalism and Broadcasting
  - Performing Arts: Acting and Technical Theater
  - Performing Arts: Band
  - Performing Arts: Choir
  - Performing Arts: Dance
  - Performing Arts: Orchestra
- Business Management and Administration
  - Finance
- Government and Public Administration
  - Foreign Service
  - Governance, Public Management and Administration
- Marketing
  - Marketing
- Science, Technology, Engineering and Mathematics
  - Engineering and Technology: Engineering
  - Science and Mathematics: Science Research and Development
  - Science and Mathematics: Social Science Research and Development
  - Science and Mathematics: Mathematics
- Transportation, Distribution and Logistics
  - Facility and Mobile Equipment Maintenance: Automotive Service
  - Facility and Mobile Equipment Maintenance: Aviation
  - Facility and Mobile Equipment Maintenance: Heating, Ventilation and Air Conditioning (HVAC)
**Dual Credit Courses**

**EASTERN ILLINOIS UNIVERSITY DUAL CREDIT** (awards in semester hours)

<table>
<thead>
<tr>
<th>D214 Course</th>
<th>D214 Course Name</th>
<th>EIU Course</th>
<th>Hours</th>
<th>EIU Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>63290</td>
<td>College Composition</td>
<td>ENG 1001G</td>
<td>3</td>
<td>Composition and Language</td>
<td>Minimum high school GPA 3.0 or a minimum SAT EBRW-English score of 430.</td>
</tr>
<tr>
<td>63890</td>
<td>College Speech Communication</td>
<td>CMN1310G</td>
<td>3</td>
<td>Introduction to Speech Communication</td>
<td>None</td>
</tr>
<tr>
<td>64400</td>
<td>College Algebra</td>
<td>MAT1271</td>
<td>3</td>
<td>College Algebra</td>
<td>Match ACT of 20, SAT of 520 better, or ALEKS test score of 46</td>
</tr>
<tr>
<td>64450</td>
<td>College Statistics</td>
<td>MAT2250G</td>
<td>4</td>
<td>Elementary Statistics</td>
<td>Match ACT of 20, SAT of 520 better, or ALEKS test score of 46</td>
</tr>
<tr>
<td>64680</td>
<td>College Math: A Human Endeavor</td>
<td>MAT1160G</td>
<td>3</td>
<td>Mathematics: A Human Endeavor</td>
<td>Minimum high school GPA 3.0 or a minimum SAT EBRW-English score of 430.</td>
</tr>
<tr>
<td>68660</td>
<td>College Advanced Strength and Conditioning</td>
<td>KSS1600</td>
<td>1</td>
<td>Weight Training</td>
<td>None</td>
</tr>
<tr>
<td>68810</td>
<td>College Basic Care and Prevention of Athletic Injuries</td>
<td>KSS2135</td>
<td>3</td>
<td>Basic Care and Prevention of Athletic Injuries</td>
<td>None</td>
</tr>
<tr>
<td>67630</td>
<td>College World Religions</td>
<td>RLS1200G</td>
<td>3</td>
<td>Introduction to Religious Studies</td>
<td>None</td>
</tr>
<tr>
<td>66100</td>
<td>College Summer Theatre: Performance</td>
<td>THA2281</td>
<td>3</td>
<td>Summer Theatre: Performance I</td>
<td>None</td>
</tr>
<tr>
<td>66200</td>
<td>College Summer Theatre: Tech</td>
<td>THA2282</td>
<td>3</td>
<td>Summer Theatre: Tech</td>
<td>None</td>
</tr>
<tr>
<td>69150</td>
<td>College Production 1</td>
<td>CMN2550</td>
<td>3</td>
<td>Studio Production</td>
<td>None</td>
</tr>
<tr>
<td>69590</td>
<td>College Legal Research and Argument</td>
<td>PLS2503</td>
<td>3</td>
<td>Legal Research and Argument</td>
<td>None</td>
</tr>
<tr>
<td>69810</td>
<td>College Calculus 3</td>
<td>MAT 2443</td>
<td>5</td>
<td>Calculus with Analytical Geometry III</td>
<td>AP score of 4 or 5 in AP Calculus (BC)</td>
</tr>
<tr>
<td>69882</td>
<td>College Differential Equations</td>
<td>MAT 3501</td>
<td>3</td>
<td>Differential Equations</td>
<td>C or better in MAT2443</td>
</tr>
<tr>
<td>61710</td>
<td>College Literature: Stories Matter</td>
<td>ENG1009</td>
<td>3</td>
<td>Stories Matter</td>
<td>C or better in ENG1001G</td>
</tr>
<tr>
<td>67381</td>
<td>College Intermediate Spanish</td>
<td>WLS2201G</td>
<td>4</td>
<td>Intermediate Spanish I</td>
<td>None</td>
</tr>
<tr>
<td>67382</td>
<td>College Intermediate Spanish</td>
<td>WLS2202G</td>
<td>4</td>
<td>Intermediate Spanish II</td>
<td>None</td>
</tr>
<tr>
<td>67930</td>
<td>College Macroeconomics</td>
<td>ECR2801G</td>
<td>3</td>
<td>Macroeconomics</td>
<td>None</td>
</tr>
<tr>
<td>67940</td>
<td>College Microeconomics</td>
<td>ECR2802G</td>
<td>3</td>
<td>Microeconomics</td>
<td>C or better in ECR2801G</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>D214 Course</th>
<th>D214 Course Name</th>
<th>Harper</th>
<th>Hours</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>66100 or 68117/681172</td>
<td>College Intro to Human Anatomy/Physiology</td>
<td>BIO 135</td>
<td>4</td>
<td>Introduction to Human Anatomy and Physiology</td>
<td>None</td>
</tr>
<tr>
<td>68220 or 68640</td>
<td>College Ethics in Literature</td>
<td>PHI 115</td>
<td>3</td>
<td>Ethics</td>
<td>None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>D214 Course</th>
<th>D214 Course Name</th>
<th>Harper</th>
<th>Hours</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>65950</td>
<td>College Practicum 2</td>
<td>ECET101</td>
<td>3</td>
<td>Introduction to Early Childhood Education</td>
<td>Program’s health requirements</td>
</tr>
<tr>
<td>66060</td>
<td>College Introductory Electronics</td>
<td>ELT110</td>
<td>4</td>
<td>Introductory Electronics</td>
<td>Completion of High school Algebra I and 10th grade reading level.</td>
</tr>
<tr>
<td>66811/66812</td>
<td>PLTW Digital Electronics</td>
<td>ELT203</td>
<td>4</td>
<td>Digital Electronics</td>
<td>ELT110 with a grade of C or better or completion of equivalent High School PLTW coursework.</td>
</tr>
<tr>
<td>66870</td>
<td>College Industrial Control Systems</td>
<td>ELT215</td>
<td>4</td>
<td>Industrial Control Systems</td>
<td>ELT 110 or RAC 105 with a grade of C or better, or consent of instructor</td>
</tr>
<tr>
<td>65870</td>
<td>College Fashion Construction</td>
<td>FAS100</td>
<td>3</td>
<td>Industrial Sewing Methods</td>
<td>None</td>
</tr>
<tr>
<td>65860</td>
<td>College Fashion Merchandising</td>
<td>FAS112</td>
<td>3</td>
<td>Fashion Basics</td>
<td>None</td>
</tr>
<tr>
<td>62620</td>
<td>College Fashion Industry Career Practicum &amp; Seminar</td>
<td>FAS116</td>
<td>3</td>
<td>Fashion Industries Career Practicum</td>
<td>Concurrent employment of ten hours or more in a fashion related field.</td>
</tr>
<tr>
<td>66130</td>
<td>College Introduction to Fire Science</td>
<td>FIS100</td>
<td>3</td>
<td>Fundamentals of Fire Protection</td>
<td>None</td>
</tr>
<tr>
<td>66140</td>
<td>College Fire Behavior and Combustion</td>
<td>FIS121</td>
<td>3</td>
<td>Fire Behavior and Combustion</td>
<td>None</td>
</tr>
<tr>
<td>65801/65802</td>
<td>College Culinary Arts/ProStart 2</td>
<td>FSM109</td>
<td>4</td>
<td>Introduction to Food Prep/Production</td>
<td>None</td>
</tr>
<tr>
<td>67110</td>
<td>College Culinary Arts/ProStart 2</td>
<td>FSM111</td>
<td>3</td>
<td>Introduction to the Hospitality</td>
<td>None</td>
</tr>
<tr>
<td>67111/67112</td>
<td>College Culinary Arts/ProStart 1</td>
<td>FSM114</td>
<td>2</td>
<td>Food Standards and Sanitation</td>
<td>None</td>
</tr>
<tr>
<td>68000</td>
<td>College ProStart Internship</td>
<td>FSM213</td>
<td>3</td>
<td>Seminar and Internship</td>
<td>None</td>
</tr>
<tr>
<td>66301/66302</td>
<td>College Advanced Graphic Arts</td>
<td>GRA103</td>
<td>3</td>
<td>Digital Imaging I</td>
<td>None</td>
</tr>
<tr>
<td>66180</td>
<td>College Introduction to the Health Care Field</td>
<td>HSC105</td>
<td>2</td>
<td>Introduction to Health Care Today</td>
<td>None</td>
</tr>
<tr>
<td>66190</td>
<td>College Health Occupations Career Observation</td>
<td>HSC106</td>
<td>1.5</td>
<td>Health Occupations Career Observation</td>
<td>Prior or concurrent enrollment in HSC105 with a grade of C or better.</td>
</tr>
<tr>
<td>68220 or 66640</td>
<td>College Medical Terminology</td>
<td>HSC112</td>
<td>2</td>
<td>Medical Terminology</td>
<td>None</td>
</tr>
<tr>
<td>66100</td>
<td>College Intro to Criminal Justice</td>
<td>LEJ101</td>
<td>3</td>
<td>Intro to Criminal Justice</td>
<td>None</td>
</tr>
<tr>
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<td>D214 Course Name</td>
<td>Harper Course</td>
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<td>College/University Prerequisite</td>
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<td></td>
</tr>
<tr>
<td>66120</td>
<td>College Introduction to Corrections</td>
<td>LEJ104</td>
<td>Corrections</td>
<td>High school seniors only. LEJ101 with a grade of C or better.</td>
<td></td>
</tr>
<tr>
<td>69631</td>
<td>College Advanced Machine Technology</td>
<td>MFT102</td>
<td>Introduction to Manufacturing and Safety</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>69641</td>
<td>College Advanced CNC Machining</td>
<td>MFT104</td>
<td>Quality and Measurement</td>
<td>Prior or concurrent enrollment in MFT102 with a grade of C or better.</td>
<td></td>
</tr>
<tr>
<td>69632</td>
<td>College Advanced Machine Technology</td>
<td>MFT105</td>
<td>Machining Processes I</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>66820</td>
<td>College Manufacturing Internship</td>
<td>MFT119</td>
<td>Manufacturing Internship</td>
<td>MFT102, MFT104, MFT108, MFT109 with a C or better.</td>
<td></td>
</tr>
<tr>
<td>69642</td>
<td>College Advanced CNC Machining</td>
<td>MFT120</td>
<td>Machining Processes II</td>
<td>MFT105 with a grade of C or better.</td>
<td></td>
</tr>
<tr>
<td>64970</td>
<td>College Mathematical Applications 101</td>
<td>MTH101</td>
<td>Mathematical Applications</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>60740</td>
<td>College IT Fundamentals</td>
<td>NET105</td>
<td>Introduction to Operating Systems</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>66740</td>
<td>College A+ Hardware</td>
<td>NET111</td>
<td>A+ Hardware</td>
<td>NET 105 with a grade of C or better or concurrent enrollment</td>
<td></td>
</tr>
<tr>
<td>66800</td>
<td>College A+ Operating Systems Technology</td>
<td>NET112</td>
<td>A+ Networking Systems Technologies</td>
<td>NET 105 with a grade of C or better or concurrent enrollment</td>
<td></td>
</tr>
<tr>
<td>66810</td>
<td>College Computer Networking</td>
<td>NET121</td>
<td>Introduction to Networking</td>
<td>NET 105 with a grade of C or better.</td>
<td></td>
</tr>
<tr>
<td>66461/66462</td>
<td>College Introduction to Nanotechnology</td>
<td>PHS170</td>
<td>Fundamentals of Nanoscience</td>
<td>ACT Math Score of a 22, SAT Math of 530 or better, MTH090 70% or higher, 7 semester or later cumulative unweighted GPA of 3.0 on 4.0 scale</td>
<td></td>
</tr>
<tr>
<td>67850</td>
<td>College Middle Eastern Politics</td>
<td>PSC260</td>
<td>Middle Eastern Politics</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>60080</td>
<td>College Refrigeration Fundamentals</td>
<td>HVA101</td>
<td>Refrigeration Fundamentals</td>
<td>Prior or concurrent enrollment in ELT 110 (Introductory Electronics) and MTH 097 (Basic Technical Mathematics) with grades of C or better, or consent of coordinator.</td>
<td></td>
</tr>
<tr>
<td>60090</td>
<td>College Refrigeration Systems</td>
<td>HVA102</td>
<td>Refrigeration Systems</td>
<td>HVA 101 with a grade of C or better</td>
<td></td>
</tr>
<tr>
<td>60150</td>
<td>College Heating Principles</td>
<td>HVA103</td>
<td>Heating Principles</td>
<td>Prior or concurrent enrollment in ELT 110 (Introductory Electronics) with a grade of C or better, or consent of coordinator. Successful completion of high school Algebra is recommended and College Ready.**</td>
<td></td>
</tr>
<tr>
<td>60160</td>
<td>College Heating and Cooling Controls</td>
<td>HVA105</td>
<td>Heating and Cooling Controls</td>
<td>ELT 110 (Introductory Electronics) and MTH 097 (Basic Technical Mathematics) with grades of C or better.</td>
<td></td>
</tr>
<tr>
<td>60271</td>
<td>College American Sign Language 1</td>
<td>SGN101</td>
<td>American Sign Language</td>
<td>High school seniors only. Students must have B grade average or better in 3 years of high school English.</td>
<td></td>
</tr>
<tr>
<td>60272</td>
<td>College American Sign Language 2</td>
<td>SGN102</td>
<td>American Sign Language II</td>
<td>SGN1 with a grade of C or better.</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D214 Course</th>
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<th>Harper Course</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>60700</td>
<td>College Introduction to Education</td>
<td>EDU210</td>
<td></td>
<td>3 History and Philosophy of Education</td>
</tr>
<tr>
<td>69981/69982</td>
<td>College Education Academy</td>
<td>PSY200</td>
<td></td>
<td>5 Applied Educational Psychology</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>D214 Course</th>
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<th>Harper Course</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
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<tbody>
<tr>
<td>66071/66072 or 66091/66092</td>
<td>College Vocational Auto or College Automotive Engine Performance and Electrical Systems</td>
<td>AUTO112</td>
<td>3 Introduction to Automotive Technology</td>
<td>To earn dual credit must complete sequence in order.</td>
</tr>
<tr>
<td>66191</td>
<td>College Practical Architectural Construction - PAC</td>
<td>COT106</td>
<td>3 Carpentry: Rough Carpentry</td>
<td>None</td>
</tr>
<tr>
<td>66192</td>
<td>College Practical Architectural Construction - PAC</td>
<td>COT206</td>
<td>3 Carpentry: Finished Carpentry</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D214 Course</th>
<th>D214 Course Name</th>
<th>Harper Course</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>66840</td>
<td>College Aviation Physics</td>
<td>AWM7-20100</td>
<td>4 Aviation Physics 1</td>
<td>Math Placement</td>
</tr>
<tr>
<td>66850</td>
<td>College Aviation Fundamentals</td>
<td>AWM7-10800</td>
<td>4 Aviation Fundamentals</td>
<td>None</td>
</tr>
<tr>
<td>66941/66942</td>
<td>PLTW - Aerospace Engineering</td>
<td>AWM7-10200</td>
<td>1 Introduction to Aviation</td>
<td>GPA 2.5 or higher</td>
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<table>
<thead>
<tr>
<th>D214 Course</th>
<th>D214 Course Name</th>
<th>Harper Course</th>
<th>Harper Course Name</th>
<th>College/University Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>66241</td>
<td>College Cybersecurity and Mobility</td>
<td>LAN101</td>
<td>1 / 1 Orientation to IT Professions</td>
<td>None</td>
</tr>
<tr>
<td>66241</td>
<td>College Cybersecurity and Mobility</td>
<td>LAN103</td>
<td>1 / 1 Security Awareness</td>
<td>None</td>
</tr>
</tbody>
</table>
D214 School Information

High School District 214
2121 South Goebbert Road
Arlington Heights, IL 60005
847-718-7800
www.d214.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

Newcomer Center
2121 South Goebbert Road
Arlington Heights, IL 60005
nc.d214.org

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

Post Secondary Counselors Contact Information

Paul Genovese
Buffalo Grove High School
847-718-4441
paul.genovese@d214.org

Anthony Miocic
Elk Grove High School
847-718-4441
anthony.miocic@d214.org

Christopher Chiakulas
John Hersey High School
847-718-4846
christopher.chiakulas@d214.org

Diane Bourn
Prospect High School
847-718-5279
diane.bourn@d214.org

Kara Fisher
Rolling Meadows High School
847-718-5660
kara.fisher@d214.org

Joanne Amador-Zapata
Wheeling High School
847-718-4045
joanne.amador@d214.org

Course Descriptions

English
English

Course Descriptions

**Introduction to Multimedia Communications** 09000

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **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.

**Multimedia Production I** 09200

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Intro to Multimedia Communications or Division Head Approval

Students will continue to develop and build upon skills from Intro to Multimedia Communications. This course will include opportunities to create and refine various modes of production. This course will include five hours of fieldwork and expose students to multimedia career opportunities. This is the second 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.

**Multimedia Production II** 09210

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Intro to Multimedia Communications, Multimedia Production I or Division Head Approval

Students will build on experiences from previous courses exploring more advanced opportunities to create and refine various modes of production. 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. Credit earned in this course does not apply to the number of credits required in English. However, the credit does apply towards graduation credit.

**Multimedia Practicum** 09270

- **Grade Level:** 10-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Intro to Multimedia Communications, Multimedia Production I, Multimedia Production II or Division Head Approval

Students will build upon skills acquired from previous courses and lead in a team-driven atmosphere in order to create, revise, and publish various modes of multimedia communication. Students will have opportunities to participate in competitions and have work critiqued by industry professionals. This is the fourth course in the Multimedia Communications Pathway. Students may repeat this course. Credit earned in this course does not apply to the number of credits required in English. However, the credit does apply towards graduation credit.

**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.

**Multimedia Practicum** 09270

- **Grade Level:** 10-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Intro to Multimedia Communications, Multimedia Production I, Multimedia Production II or Division Head Approval

Students will build upon skills acquired from previous courses and lead in a team-driven atmosphere in order to create, revise, and publish various modes of multimedia communication. Students will have opportunities to participate in competitions and have work critiqued by industry professionals. This is the fourth course in the Multimedia Communications Pathway. Students may repeat this course. Credit earned in this course does not apply to the number of credits required in English. However, the credit does apply towards graduation credit.

**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 Skills 2** 02030

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** None

Students will study and practice of reading skills, reading fluency and reading comprehension.

**Writing Skills 2** 02040

- **Grade Level:** 10
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Division Head Approval

Students will study and practice in basic writing skills, this course includes developing sentences, paragraphs, and essays; expanding vocabulary; and responding to literature. This course meets one of the requirements for grade 10.

**Reading Skills** 02050

- **Grade Level:** 10-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Division Head Approval

Students will study and practice additional work in reading skills, reading fluency and reading comprehension.

**Reading Skills 3** 02060

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Division Head Approval

Students will study and practice basic writing skills while developing sentences, paragraphs, and essays, expanding vocabulary, and responding to literature.

**Reading Skills 4** 02070

- **Grade Level:** 11-12
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** Division Head Approval

Students will learn reading skills by participating in this additional reading course.

**Written and Oral Communication** 02101/02102

- **Grade Level:** 10
- **Credit/Semester:** 0.5
- **NCAA:** Yes
- **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.

**Reading Laboratory** 02111/02112

- **Grade Level:** 9
- **Credit/Semester:** 0.5
- **NCAA:**
- **Prerequisite:** None

Students will learn practical reading strategies and study skills to utilize in their core courses. Students two or more years below grade level will take this course in addition to their core English class. Prerequisite Placement is based on standardized test and/or teacher recommendation.

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
## Course Descriptions

### English

#### Senior English 02131/02132

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>0.5</td>
<td></td>
<td>02140</td>
<td></td>
</tr>
</tbody>
</table>

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.

#### Language Arts 4 02170

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0.5</td>
<td>NCAA</td>
<td>02140 and 02150</td>
<td></td>
</tr>
</tbody>
</table>

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.

#### Preparatory Reading 02191/02192

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will improve their reading comprehension using a variety of reading materials, both fiction and nonfiction. Students will develop their study, note taking, and test-taking skills. Incoming freshman that need additional work in reading will take this course in conjunction with Written and Oral Communication.

#### Prep Reading Skills 02250

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will develop strategies for time management, task completion, test preparation, test completion, communication, and problem solving.

#### Written and Oral Communication 02561/02562

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>0.5</td>
<td>NCAA</td>
<td>02140 and 02150</td>
<td></td>
</tr>
</tbody>
</table>

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.

#### Film Study 03090

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

#### Journalistic Writing 1 03110

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will interview people to gather information to write news, sports, editorial, in-depth, and feature stories. Students will also learn to write headlines and captions. Students will utilize editing and proofreading strategies. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

#### Journalistic Writing 2 03120

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
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<tr>
<td>10-12</td>
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<td>NCAA</td>
<td>03060 or Division Head Approval</td>
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</table>

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.

#### Technical Theatre 03080

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
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</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
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</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

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*Not all courses are offered at all schools. Please see your school counselor for additional information.*

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### Technical Theatre

#### Grade Level 9-12

<table>
<thead>
<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

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### Technical Theatre

#### Grade Level 10-12

<table>
<thead>
<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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.

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### Technical Theatre

#### Grade Level 11-12

<table>
<thead>
<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

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### Technical Theatre

#### Grade Level 12

<table>
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<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
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</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

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### Technical Theatre

#### Grade Level 13

<table>
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<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
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</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.

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### Technical Theatre

#### Grade Level 14

<table>
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<tr>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Division Head Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
<td></td>
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</tbody>
</table>

Students will learn the history, structure, styles of drama, and the backstage procedure of theatre along with the construction/handling of scenery, the design/operation of lighting, the safe use of tools, and the basics of stage managing. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement with administrative approval.
<table>
<thead>
<tr>
<th>Course Descriptions</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
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</table>

### Yearbook 1

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA Credit</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journalistic Writing 1</td>
<td>9-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA Credit</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadcast Journalism</td>
<td>9-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>03150 or Division Head Approval</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA Credit</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Reading</td>
<td>10-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>03160 or Division Head Approval</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA Credit</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yearbook 4</td>
<td>10-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>03140 or Division Head Approval</td>
</tr>
</tbody>
</table>

Students will focus on more advanced theory and practices of journalism after completing Journalistic Writing 3. Students will produce the school newspaper, design/sell advertising, and study forms of multimedia journalism. Credit earned in this course does not apply toward required English credits. However, the credit does apply toward graduation.

### Yearbook 5

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA Credit</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Composition</td>
<td>12</td>
<td>0.5</td>
<td>NCAA</td>
<td>03280 or Division Head Approval</td>
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</tbody>
</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Course Descriptions

English

American Literature and Composition 03481/03482

Grade Level 11 Credit/Semester 0.5 NCAA
Prerequisite 03320 or Division Head Approval

Students will explore and analyze traditions, techniques, and genres of American literature with emphasis on writing. They 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.

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 explore art works and ideas and read, write, discuss, and analyze extensively. This course meets the language arts and fine arts graduation requirement.

British Literature Survey 03570

Grade Level 10-12 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.

Philosophical Literature 03640

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite None

Students will study metaphysics, ethics, epistemology, and religion in a survey of the great thinkers from Greek to modern times. Students will develop essays interpreting, analyzing, or comparing works of established authors. This course meets the language 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.

Short Story 03730

Grade Level 10-12 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 10-12 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.

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.
**Contemporary American Text** 03780

**Grade Level** 12  
**Credit/Semester** 0.5  
**NCAA** Yes  
**Prerequisite** None  

Students will study contemporary American literature, analytic reading, and composition through cultural texts. This course meets the language arts graduation requirement.

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**World Literature and Composition** 03831/03832

**Grade Level** 10  
**Credit/Semester** 0.5  
**NCAA** Yes  
**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.

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**Honors World Literature and Composition** 03851/03852

**Grade Level** 10  
**Credit/Semester** 0.5  
**NCAA** Yes  
**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.

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**World Literature and Composition** 03841/03842

**Grade Level** 10  
**Credit/Semester** 0.5  
**NCAA** Yes  
**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.

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**English Composition** 03900

**Grade Level** 12  
**Credit/Semester** 0.5  
**NCAA** Yes  
**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.

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**Creative Writing** 03910

**Grade Level** 11-12  
**Credit/Semester** 0.5  
**NCAA** Yes  
**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.

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*Not all courses are offered at all schools. Please see your school counselor for additional information.*
**Course Descriptions**

### English

**Advanced Creative Writing and Literary Publication** 03940  
**Grade Level** 11-12  
**Credit/Semester** 0.5  
**NCAA**  
**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.

**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.

**Honors Written and Oral Communication** 03991/03992  
**Grade Level** 9  
**Credit/ Sem** 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.

**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.

**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.

**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.

**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.

**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.

**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.

**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.

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*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Course Descriptions

English

ESL 1 Strategies 08021/08022

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation. This course meets an elective graduation required credit.

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.

ESL 1 08031/08032

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

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. This course meets an English graduation required credit.

Students will participate in activities that develop basic skills in listening, speaking, reading and writing.

ESL 2 Strategies 08041/08042

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation. This course meets an elective graduation credit.

Students will learn practical reading strategies and study skills.

ESL 2 08051/08052

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation. This course meets an English graduation required credit.

Students will participate in activities that focus on developing intermediate skills in listening, speaking, reading and writing.

ESL Tutorial 08061/08062

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation. This course meets an elective graduation required credit.

Students will receive support to help them achieve ESL course outcomes. This course meets one of the elective graduation requirements.

ESL 3 Strategies 08071/08072

Grade Level: 9-12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores and teacher recommendation. This course meets an elective graduation required credit.

Students will learn practical reading strategies and study skills.

Advanced Composition and Research Methods 53281/53282

Grade Level: 9-12
Credit/Semester: 0.5
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.

College Literature: Stories Matter 61710

Grade Level: 12
Credit/Semester: 0.5
NCAA

Prerequisite: Placement is based on ACCESS/WIDA Screener English language proficiency assessment scores

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.

English Composition-ASU 63001

Grade Level: 12
Credit/Semester: 0.5
NCAA

Prerequisite: Program Admission

Students will learn language and the ability to communicate effectively are critical skills in the global economy. Writing and composition are vital to communicating ideas clearly. This introductory writing course will help students develop and express ideas effectively for a variety of purposes, audiences and occasions. During the course, students will complete several major written projects, along with a reflection for each project. For each project, students can decide what level of technology they wish to use. Students successfully completing this course may receive early college credit.

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 the dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

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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.
Course Descriptions

Fine Arts

Art 1  
01011/01012
Grade Level  9-12  
Credit/Semester  0.5  
NCAA  
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 exploration of media. Credit earned in this course does apply toward graduation and satisfies the fine arts requirement.

Sculpture 1  
01140
Grade Level  10-12  
Credit/Semester  0.5  
NCAA  
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  
NCAA  
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.

Sculpture 3  
01160
Grade Level  11-12  
Credit/Semester  0.5  
NCAA  
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.

AP Studio Art 2-D Design  
01171/01172
Grade Level  12  
Credit/Semester  0.5  
NCAA  
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 Studio Art 3-D Design  
01181/01182
Grade Level  12  
Credit/Semester  0.5  
NCAA  
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 Studio Art Drawing  
01191/01192
Grade Level  12  
Credit/Semester  0.5  
NCAA  
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 making drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media etc.

Advanced Two-Dimensional Art Studio  
01201/01202
Grade Level  10-12  
Credit/Semester  0.5  
NCAA  
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 Three-Dimensional Art Studio  
01211/01212
Grade Level  10-12  
Credit/Semester  0.5  
NCAA  
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.

Photography 1  
01220
Grade Level  9-12  
Credit/Semester  0.5  
NCAA  
Prerequisite  None  

Students will explore personal imagery while incorporating advanced darkroom techniques, alternative darkroom methods, and computer processes.

Photography 2  
01230
Grade Level  9-12  
Credit/Semester  0.5  
NCAA  
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  
NCAA  
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.

Art Survey  
01250
Grade Level  9-12  
Credit/Semester  0.5  
NCAA  
Prerequisite  None  

Students will receive instruction in drawing, painting, and three-dimensional art. Students will also study how visual art interacts with the other arts. This course meets the district’s fine arts graduation requirement.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Graphic Arts Design  01260

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>9-12</td>
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<td>None</td>
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</tbody>
</table>

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.

Art Portfolio 1  01270

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<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<td>11-12</td>
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</table>

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.

Introduction to 3-D Art  01310

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<th>Grade Level</th>
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<th>Prerequisite</th>
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<tr>
<td>9-12</td>
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<td>None</td>
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</table>

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.

3-D Art 1  01330

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
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<td>10-12</td>
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<td>0101/01012 or Division Head Approval</td>
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</table>

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

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<tr>
<th>Grade Level</th>
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<th>Prerequisite</th>
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<td>10-12</td>
<td>0.5</td>
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<td>01330</td>
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</table>

Students will develop advanced methods of casting, fabricating, and modeling through media such as metal, ceramics, plastic, and wood.

3-D Art 3  01350

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<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<td>10-12</td>
<td>0.5</td>
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<td>01340</td>
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</tbody>
</table>

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.

2-D Art 1  01360

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
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<td>10-12</td>
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<td>0101/01012</td>
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</table>

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

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<th>Grade Level</th>
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<th>Prerequisite</th>
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<tr>
<td>10-12</td>
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<td>01360</td>
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</table>

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

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<tr>
<th>Grade Level</th>
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<th>Prerequisite</th>
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<td>10-12</td>
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<td>01370</td>
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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.

Advanced Imaging 1  01390

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<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
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<td>Three (3) semesters of Art</td>
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</table>

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

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<tr>
<th>Grade Level</th>
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<th>NCAA</th>
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<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
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<td>01390</td>
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</tbody>
</table>

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.

Introductions to the Fine Arts 1  01410

<table>
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<tr>
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<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
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<td>Division Head Approval</td>
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</tbody>
</table>

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.

AP Studio Art (2-D, 3-D, Drawing)  01291/01292

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>None</td>
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</table>

Students will immerse 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.

3-D Art 1  01293

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>None</td>
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</tbody>
</table>

Students will develop advanced methods of casting, fabricating, and modeling through media such as metal, ceramics, plastic, and wood.

3-D Art 2  01294

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<th>Grade Level</th>
<th>Credit/Semester</th>
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<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>01293</td>
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</tbody>
</table>

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.

3-D Art 3  01295

<table>
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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>01294</td>
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</tbody>
</table>

Students will continue to 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.

AP Art History  01441/01442

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<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>07151/07152</td>
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</table>

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.
Course Descriptions

Fine Arts

Art Imaging 1 01450

Grade Level 10-12 Credit/Semester 0.5 NCAA

Prerequisite None

Students will explore drawing, color theory, and the elements and principles of design. Students will use these tools in creative and inventive ways to communicate their visual ideas while utilizing digital cameras, slide scanners, and scanners to digitize their original photographs, drawings, and designs. This course satisfies the district’s fine arts graduation requirement.

Art Imaging 2 01460

Grade Level 10-12 Credit/Semester 0.5 NCAA

Prerequisite 01450

Students will create and express visual ideas in this second semester of a computer course. The first course teaches the basics of art through the use of computers. This course centers on complex and personal approaches to imaging. The students will learn techniques in Adobe Photoshop and Illustrator. Personal development of ideas and creative approaches to imaging is emphasized.

Intermediate Art 1 01920

Grade Level 10-12 Credit/Semester 0.5 NCAA

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 NCAA

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.

Advanced Art 1 01940

Grade Level 11-12 Credit/Semester 0.5 NCAA

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 NCAA

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).

College Introduction to Visual Art 62990

Grade Level 12 Credit/Semester 0.5 NCAA

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.

Advanced Photography Studio 01490

Grade Level 10-12 Credit/Semester 0.5 NCAA

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
**Fine Arts**

**Course Descriptions**

**Beginning Choir**  
**01501/01502**  
**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**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.

**Music Workshop**  
**01510**  
**Grade Level:** 10-12 (plus)  
**Credit/Semester:** 0.5  
**Division Head Approval**

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.

**Treble Choir**  
**01541/01542**  
**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**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 sophomores, juniors, and senior students with voices in the soprano/alto range. This course satisfies the district’s fine arts graduation requirement.

**Beginning Mixed Choir**  
**01571/01572**  
**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**Division Head Approval**

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.

**Intermediate Mixed Choir**  
**01581/01582**  
**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**Division Head Approval**

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 sopranos/alto/tenor/bass range. This course satisfies the district’s fine arts graduation requirement.

**Advanced Mixed Choir**  
**01591/01592**  
**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**Division Head Approval**

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.

**Vocal Ensemble 1**  
**01631/01632**  
**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**Prerequisite:** None  
**Division Head Approval**

Students will study a wide variety of literature ranging from 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  
**Division Head Approval**

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.

**AP Music Theory**  
**01681/01682**  
**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**Prerequisite:** Division Head Approval  
**Consent of Instructor**

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.

**Concert/Marching Band**  
**01751/01752**  
**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**Prerequisite:** None  
**Consent of Instructor**

Band students must participate in Marching Band Program. This course satisfies the district’s fine arts graduation requirement.

**Advanced Guitar Workshop**  
**01761/01762**  
**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**Prerequisite:** None  
**Audition**

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 Theater Workshop**  
**01740**  
**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**Prerequisite:** 03310, 033080 or Consent of Instructor  
**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.

**Symphonic/Marching Band**  
**01781/01782**  
**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**Prerequisite:** None  
**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.
Course Descriptions

Fine Arts

Concert Orchestra 01791/01792
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Jazz Band 01801/01802
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Instrumental Ensemble 01811/01812
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Beginning Strings 01821/01822
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Orchestra 01831/01832
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Guitar 1 01841/01842
Grade Level 9-12 Credit/Semester 0.5 NCAA
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 NCAA
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 NCAA
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.

Harmony and Arranging 1 01871/01872
Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Consent of Instructor

Students will engage in an intensive study of music fundamentals melody, harmony, rhythm, instrumentation, conducting, sight singing, and analysis as they apply to music literature of all historical periods. Students’ projects in composition and arranging are designed for those with a previous musical background. This course satisfies the district’s fine arts graduation requirement.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
**Harmony and Arranging 2**

**01881/01882**

**Grade Level** 11-12  
**Credit/Semester** 0.5  
**NCAA**

**Prerequisite** 01871/01872

Students will expand upon the first year’s study, leading to advanced musical analysis, arranging, and original composition. Harmony and Arranging 2 is a college preparatory course for students intending to be music majors. This course satisfies the district’s fine arts graduation requirement.

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**Orchestral Winds and Percussion**

**01891/01892**

**Grade Level** 9-12  
**Credit/Semester** 0.5  
**NCAA**

**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.

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**String Ensemble**

**01901/01902**

**Grade Level** 9-12  
**Credit/Semester** 0.5  
**NCAA**

**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.

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**Fine Arts Workshop**

**03051/03052**

**Grade Level** 10-12  
**Credit/Semester** 0.5  
**NCAA**

**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.

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**Technical Theatre**

**03080**

**Grade Level** 9-12  
**Credit/Semester** 0.5  
**NCAA**

**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.
Mathematics

Course Descriptions

Mathematics 1

Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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

Grade Level: 11-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Successful Completion of High School Math Requirements

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

Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

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 study 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.

Mathematics 4

Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

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

Grade Level: 9
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

Students will advance their study of graphing including plotting points and apply their knowledge through problem solving.

Mathematics 51

Grade Level: 9
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: 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

Grade Level: 9-10
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: 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

Grade Level: 9-10
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: 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

Grade Level: 9-10
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

Students will continue the study of topics from Mathematics 50-53.

Mathematics 55

Grade Level: 9-10
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

Students will complete the study of topics in Mathematics 50-54.

Mathematical Applications

Grade Level: 11-12
Credit/Semester: 0.5
NCAA: Yes
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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Course Descriptions

Mathematics

Algebra 04620
Grade Level 9-12
Credit/Semester: 0.5
NCAA: Yes
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: Yes
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.

Geometry 04640
Grade Level 9-12
Credit/Semester: 0.5
NCAA: Yes
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 04650
Grade Level 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

Intermediate Algebra 04660
Grade Level 9-12
Credit/Semester: 0.50
NCAA: Yes
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.

Algebra 04700
Grade Level 9-12
Credit/Semester: 0.5
NCAA: Yes
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: Yes
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.

Geometry 04720
Grade Level 9-12
Credit/Semester: 0.5
NCAA: Yes
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: Yes
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.
Course Descriptions
Mathematics

Algebra II
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

Honors Algebra II
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Division Head Approval

Students will continue to investigate, explain, analyze and apply 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
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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/Calculus A. This course completes the study of Honors Algebra II/Precalculus.

Honors Geometry
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

Honors Algebra II
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

Honors Geometry
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

Honors Algebra II/Precalculus
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: 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 AB
Grade Level: 10-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: Completion of 04840/04850/ 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.

AP Statistics
Grade Level: 10-12
Credit/Semester: 0.5
NCAA: Yes
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
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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
Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Course Descriptions

Mathematics

Honors Precalculus/Calculus A 04950

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<th>Grade Level</th>
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<td>9-12</td>
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Students will investigate, analyze, explain and apply the following topics: trigonometric, inverse, linear, quadratic polynomial, and rational functions 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.

Mathematical Applications 101 04971/04972

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<td>10-12</td>
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<td>Completion of 04740/04750/Division Head Approval</td>
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</tbody>
</table>

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.

AP Calculus BC 04961/04962

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<th>NCAA</th>
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<tr>
<td>9-12</td>
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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.

Calculus 3 04981

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<th>Grade Level</th>
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<td>11-12</td>
<td>0.5</td>
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<td>04981/04982 and Division Head Approval</td>
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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. This course completes the study of Calculus 3.

Differential Equations 04982

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<td>11-12</td>
<td>0.5</td>
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<td>04961/04962 and Division Head Approval</td>
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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.

College Algebra 64400

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<td>11-12</td>
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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 Algebra-ASU 64411/64412

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<tr>
<td>12</td>
<td>0.5</td>
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Students will learn to apply algebraic reasoning to solve problems effectively. They will develop skills in linear and quadratic functions, general polynomial functions, rational functions and exponential and logarithmic functions and also study systems of linear equations. This course will emphasize problem-solving techniques, specifically by means of discussing concepts in each of three topics. Students successfully completing this course may receive early college credit.

College Statistics 64450

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<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
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<td>11-12</td>
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</tbody>
</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
D214 Academic Handbook

Science

College Math: A Human Endeavor 64680

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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 Calculus 3 64981

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>Yes</td>
<td>04961/04962 and Division Head Approval</td>
</tr>
</tbody>
</table>

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 Differential Equations 64982

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>Yes</td>
<td>64981</td>
</tr>
</tbody>
</table>

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.
Science

Experiential Medical Physiology and Biochemistry 05000

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>05021/05022, 05111/05112, Concurrent Enrollment in 05130, or Division Head Approval</td>
</tr>
</tbody>
</table>

Students will have the opportunity to apply the experiences in 05130 via hospital visitation and clinical observation, both designed to develop healthcare career involvement.

Biology 05021/05022

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Honors Biology 05031/05032

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Honors Medical Physiology and Biochemistry 05130

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Chemistry 05111/05112

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
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<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Honors Chemistry 05121/05122

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Chemistry 514 05141/05142

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Physics 05161/05162

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

Honors Physics 05191/05192

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

AP Physics 1 05201/05202

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Course Descriptions

Science

Environmental Science 05250

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

Ecology 05260

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

Oceanography 05270

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
Prerequisite Division Head Approval

Students will explore an introduction to oceanography. Students will investigate, model and analyze an in-depth study of the structure and function of human systems.

Zoology 05310

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
Prerequisite Division Head Approval

Students will explore, model and analyze animal anatomy and physiology with an emphasis on comparative study of the taxonomic groups.

Advance Space Science 05330

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
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 Yes
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.

Human Physiology 05360

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

Human Physiology 2 05380

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
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.

AP Biology 05411/05412

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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 Yes
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 Environmental Science 05431/05432

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
Prerequisite 05021/05022, 05111/05112 and Division Head Approval

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 C 05441/05442

Grade Level 10-12 Credit/Semester 0.5 NCAA Yes
Prerequisite Concurrent Enrollment in 05441/05442

Students will explore the fundamental 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 Chemistry 05451/05452

Grade Level 10-12 Credit/Semester 0.5 NCAA Yes
Prerequisite 05111/05112 or 05211/05212 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 Yes
Prerequisite Concurrent Enrollment in 05451/05452

Students 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 Physics C (Lab) 05501/05502

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
Prerequisite Concurrent enrollment in 05441/05442

Students 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.

Agricultural Biology 07981/07982

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Science

Course Descriptions

Honors Physics in Healthcare 08160
Grade Level: 11-12  
Credit/Semester: 0.5  
NCAA: No
Prerequisite: Concurrent Enrollment in a Health Careers Pathway 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).

Introduction to Solar System-ASU 65001
Grade Level: 12  
Credit/Semester: 0.5  
NCAA: Yes
Prerequisite: Program Admission

Students will explore the origins, structure, contents and evolution of our solar system and exosolar planetary systems. Students will cover the history of astronomy, properties of light instruments, the study of the solar system and nearby stars. Students successfully completing this course may receive early college credit.

College Introduction to Nanotechnology 66461/66462
Grade Level: 11-12  
Credit/Semester: 0.5  
NCAA: Yes
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, analysis, 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.

College Geospatial Technology 67920
Grade Level: 10-12  
Credit/Semester: 0.5  
NCAA: Yes
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.

Honors Agricultural Biology 57981/57982
Grade Level: 10-12  
Credit/Semester: 0.5  
NCAA: Yes
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.

College Introduction to Human Anatomy and Physiology 68340
Grade Level: 11  
Credit/Semester: 0.5  
NCAA: Yes
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.
Social Science

College Macroeconomics

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes 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.

Social Science

Grade Level 9-12 Credit/Semester 0.5 NCAA Yes 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 graduation requirement for civics.

World Studies: Social Science

Grade Level 9-10 Credit/Semester 0.5 NCAA Yes 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.

World History

Grade Level 10-12 Credit/Semester 0.5 NCAA Yes 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.

American Studies: U.S. History

Grade Level 11 Credit/Semester 0.5 NCAA Yes 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.

U.S. History

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes 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.

AP U.S. History

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes Prerequisite Placement/Division Head Approval

Students will use historical thinking skills to analyze US History. Students will learn to analyze primary documents—they’re 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 European History

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes 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.

Sociology

Grade Level 11-12 Credit/Semester 0.5 NCAA Yes 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

Grade Level 11 Credit/Semester 0.5 NCAA Yes Prerequisite None

Students will study oneself in relationship to human group behavior. Student learning will emphasize methods, concepts, and the analyses 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.
# Course Descriptions

## Sociology 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology 2</td>
<td>07720</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07711/07712</td>
</tr>
</tbody>
</table>

Students will 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.

## Psychology 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 1</td>
<td>07740</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07711/07712</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology 2</td>
<td>07750</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07740</td>
</tr>
</tbody>
</table>

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.

## AP Psychology

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Psychology</td>
<td>07761/07762</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07740</td>
</tr>
</tbody>
</table>

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.

## World Religions 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Religions 1</td>
<td>07810</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07750</td>
</tr>
</tbody>
</table>

Students will develop reading and writing skills in an effort to expand analytical thinking skills as they 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Religions 2</td>
<td>07820</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07750</td>
</tr>
</tbody>
</table>

Students will develop reading and writing skills in an effort to expand analytical thinking skills as they 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.

## American Law

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Law</td>
<td>07790</td>
<td>9-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07740</td>
</tr>
</tbody>
</table>

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 will gain an insight into the causes and consequences of legal and societal problems that they face in the United States today.

## Political Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political Science</td>
<td>07840</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07790</td>
</tr>
</tbody>
</table>

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.

## AP U.S. Government and Politics

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP U.S. Government and Politics</td>
<td>07871/07872</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07790</td>
</tr>
</tbody>
</table>

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.

## Criminal and Civil Law

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criminal and Civil Law</td>
<td>07880</td>
<td>10-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07840</td>
</tr>
</tbody>
</table>

Students will be introduced to a broad range of economic theories and principles. Coursework will address banking, business, labor, international trade, production, distribution, consumption, investment, and supply and demand.

## Advanced Legal Concepts

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Legal Concepts</td>
<td>07910</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07890</td>
</tr>
</tbody>
</table>

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.

## AP Economics – Micro & Macro

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Economics – Micro &amp; Macro</td>
<td>07931/07932</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07890</td>
</tr>
</tbody>
</table>

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.

## Human Geography

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>Prerequisite</th>
<th>NCAA</th>
<th>Credit/Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Geography</td>
<td>09301/09302</td>
<td>9</td>
<td>0.5</td>
<td>NCAA</td>
<td>Yes</td>
<td>07990</td>
</tr>
</tbody>
</table>

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 context of social science.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Course Descriptions

Social Science

Human Geography 09311/09312

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
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</tbody>
</table>

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.

Sociology of Service Learning – Fall 09330

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

AP Human Geography 09351/09352

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
</tr>
</tbody>
</table>

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.

World History 09371/09372

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>0.5</td>
<td>Yes</td>
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</tbody>
</table>

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.

U.S. History 09381/09382

<table>
<thead>
<tr>
<th>Grade Level</th>
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<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>Yes</td>
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</tbody>
</table>

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.

Consumer Education 59940

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td>Yes</td>
<td>Division Head Approval</td>
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</tbody>
</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.

Civics 59950

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
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<th>Prerequisite</th>
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<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
<td>Yes</td>
<td>None</td>
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</table>

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 to exercise these rights and responsibilities in local, state, and national government. This course meets the civic graduation requirement.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Human Origins-ASU  67001

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>0.5</td>
<td></td>
<td>Program Admission</td>
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</tbody>
</table>

Students will explore the scientific evidence for the evolution of humans and our fossil relatives and humankind’s place in the natural world. It includes an introduction to evolutionary theory, an overview of the hominin fossil record and what that record teaches us about our place in nature. Dr. Donald Johanson, a world-renowned paleoanthropologist who found the skeleton known as Lucy, will present an exciting in-depth exploration of paleoanthropological field research from his unique perspective. Students successfully completing this course may receive early college credit.

Introduction to Sociology-ASU  67300

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
<td></td>
<td>Program Admission</td>
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</table>

Students will explore the social processes and functions groups form and follow over time in this online course. Students will also gain valuable insight into the dynamics of group relationships, including how to effectively interact with others within a group. Finally, students will learn how the study of sociology applies to daily life.

College Legal Research and Argument  69590

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>12</td>
<td>0.5</td>
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<td>None</td>
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</table>

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 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 Middle Eastern Politics  67850

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
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<td>None</td>
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</table>

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 World Religions  67630

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>11-12</td>
<td>0.5</td>
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<td>07810</td>
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</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
**Course Descriptions**

**World Languages**

### French 1

**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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.

### Honors French 3

**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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

**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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.

### German 2

**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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 German 3

**Grade Level:** 10-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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

**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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.

### AP German

**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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.

### Honors Italian 3

**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**Prerequisite:** 07001/07002 or Equivalent

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

**Grade Level:** 11-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**Prerequisite:** 07021/07022

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.

### German 1

**Grade Level:** 9-12  
**Credit/Semester:** 0.5  
**NCAA:** Yes  
**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.
World Languages

Course Descriptions

Honors Mandarin Chinese 3 07241/07242
Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

AP Chinese Language and Culture 07301/07302
Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
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.

Honors Mandarin Chinese 4 07311/07312
Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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.

AP Italian Language and Culture 07281/07282
Grade Level 12 Credit/Semester 0.5 NCAA Yes
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.

Spanish 1 07331/07332
Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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 for Native Speakers 2 07361/07362
Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
Prerequisite 07391/07392

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.

AP Spanish Literature 07371/07372
Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
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.

Honors Spanish 3 07391/07392
Grade Level 10-12 Credit/Semester 0.5 NCAA Yes
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.

AP Spanish Language 07431/07432
Grade Level 11-12 Credit/Semester 0.5 NCAA Yes
Prerequisite 07391/07392 or 07411/07412

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.

Italian 1 07451/07452
Grade Level 9-12 Credit/Semester 0.5 NCAA Yes
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 Yes
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. Students will reflect on their cultural knowledge through films, songs, articles and supplementary readings.

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<table>
<thead>
<tr>
<th><strong>Course Descriptions</strong></th>
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<tbody>
<tr>
<td><strong>World Languages</strong></td>
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</table>

**Japanese 1**

<table>
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<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
<td></td>
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</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>07501/07502</td>
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</tbody>
</table>

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 Japanese 3**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>07501/07502</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>07501/07502</td>
<td></td>
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</tbody>
</table>

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.

**College Intermediate Spanish**

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<thead>
<tr>
<th>Grade Level</th>
<th>11-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>Spanish 3</td>
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</table>

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.

**American Sign Language 1 & 2 (Harper College)**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>12</th>
<th>Credit/Semester</th>
<th>0.75</th>
<th>NCAA</th>
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<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
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</table>

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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Career and Technical Education

Introduction to Agriculture Pathway (Career Education) 08360

Grade Level 10-12 Credit/Semester 0.5 NCAA
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 II (Career Education) 08380

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Completion of Agriculture Biology and Veterinary Science I

Students will explore scientific concepts relating to the anatomy, physiology, genetics, reproduction, parasitology, posology, 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.

AgriBusiness (Career Education) 08370

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Completion of Agricultural Biology

Students will explore business management in ag and develop and improve business and employability skills to prepare for careers in ag business and business. Students will investigate and develop viable business plans to solve local problems. Students will present business plans to student peers and members of the local professional community, building potential community partnerships.

Sustainable Urban Agriculture (Career Education) 08390

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Completion of Agriculture Biology and Veterinary Science I

Students will explore the ethical, practical, and scientific aspects of agricultural sustainability addressing economic, social and environmental impacts of food and urban farming. Students will investigate systems to reduce waste while increasing profit and efficiency. Students will discover career opportunities in sustainable urban agriculture.

Fabrication Technology 1 (Technical Education) 02850

Grade Level 9-10 Credit/Semester 0.5 NCAA
Prerequisite None

Students will apply fundamental 3D Modeling and design skills to produce 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 (Technical Education) 02860

Grade Level 9-10 Credit/Semester 0.5 NCAA
Prerequisite None

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.

Career Development Academy (Career Education) 02891/02892

Grade Level 9-12 Credit/Semester 1.5 NCAA
Prerequisite None

Students must be 16 years old

Students will participate in workplace experiences in various fields of skills 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 Skills Training (Career Education) 03371/03372

Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Employee Development (Career Education) 03381/03382

Grade Level 11-12 Credit/Semester 0.5 NCAA
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.

Work Experience (Career Education) 03400

Grade Level 10-12 Credit/Semester 0.25 NCAA
Prerequisite None

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 grad of P.

Veterinary Science (Career Education) 04370

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Must be 16 years old

Students will be introduced to the field of veterinary science. Major topics include veterinary terminology, safety, sanitation, anatomy/physiology, clinical exams, hospital procedures, parasitology, posology, laboratory techniques, nutrition, disease, office management, and animal management. Various careers will be explored.
### Course Descriptions

#### Career and Technical Education

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Business (Business Education)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td>No prerequisites specified.</td>
</tr>
<tr>
<td>Students will understand how economics relates to everyday living in the business world for the worker, consumer, and citizen. Students will learn about banking, insurance, credit, practical money management, consumer protection, communications, and career planning.</td>
<td></td>
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</tr>
<tr>
<td>Entrepreneurship 2 (Business Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>None</td>
<td>Prerequisite: 05682 or Consent of Instructor</td>
</tr>
<tr>
<td>Students will build on what they learned in Entrepreneurship 1 with continued emphasis on developing and running a small business.</td>
<td></td>
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</tr>
<tr>
<td>Practicum in Early Childhood Education 3 (Family and Consumer Services)</td>
<td>10-12</td>
<td>0.5</td>
<td>None</td>
<td>Prerequisite: 05910 and 05950</td>
</tr>
<tr>
<td>Students will have work experiences with preschool-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.</td>
<td></td>
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</tr>
<tr>
<td>Practicum in Early Childhood Education 4 (Family and Consumer Services)</td>
<td>10-12</td>
<td>0.5</td>
<td>None</td>
<td>Prerequisite: 05920, 05950 and 05820</td>
</tr>
<tr>
<td>Students will have work experiences with preschool-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.</td>
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</tr>
<tr>
<td>Husky Inn (Family and Consumer Services)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td>No prerequisites specified.</td>
</tr>
<tr>
<td>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.</td>
<td></td>
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</tr>
<tr>
<td>Sports and Entertainment Marketing (Business Education)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td>No prerequisites specified.</td>
</tr>
<tr>
<td>Students will study careers in marketing, opportunity analysis, promotion, pricing, product development, distribution, case studies, and marketing plan development. Also, students will have the opportunity to hear numerous speakers in the professional sports, entertainment, and technology industries and take field trips to observe different careers available in marketing.</td>
<td></td>
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</tr>
<tr>
<td>Small Business Management (Business Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>None</td>
<td>No prerequisites specified.</td>
</tr>
<tr>
<td>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.</td>
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</tr>
<tr>
<td>Fashion Design (Family and Consumer Services)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td>No prerequisites specified.</td>
</tr>
<tr>
<td>Students will learn about the fashion industry, including design, construction, production and marketing of women’s, men’s, and children's fashions from development of fibers and fabrics to the strategies of fashion merchandisers and retailers.</td>
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</tr>
</tbody>
</table>

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Career and Technical Education

Sociology of Marriage and Family (Family and Consumer Services) 05940
Grade Level 11-12 (10)* Credit/Semester 0.5 NCAA
Prerequisite None *Instructor Consent*
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.

Automotive Systems (Technical Education) 06051/06052
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Diagnostic Testing and Repair (Technical Education) 06061/06062
Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite None
Students will learn the importance of testing and repair procedures for vehicles. Students will learn to use diagnostic equipment and computers to identify problems with electrical, mechanical, and electronic components of an automobile. The student will be able to diagnose automotive problems in preparation for a career in diagnostic testing and repair.

Personal Auto (Technical Education) 06080
Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Design 214 Practical Architecture (Technical Education) 06121/06122
Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite None
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.

Personal Finance (Business Education) 06210
Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite None
Students will gain a foundational understanding of 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.

Cybersecurity and Mobility (Technical Education) 06241/06242
Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite 06091/06092
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.

Graphic Arts Technology 1 (Technical Education) 06250
Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite None
Students will receive an overview of the graphic arts industry and will give them an opportunity to become 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 (Technical Education) 06260
Grade Level 9-12 Credit/Semester 0.5 NCAA
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 printing. Students will have ample time to develop and explore job skills.

Graphic Arts Technology 3 (Technical Education) 06270
Grade Level 10-12 Credit/Semester 0.5 NCAA
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 (Technical Education) 06280
Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite 06270
Students will be given insight into the graphic arts industry. Students enrolled in this course will develop basic job entry skills in desktop publishing and screen-printing, and will be able to make decisions about pursuing a career in graphic arts.

Math and Technology (Technical Education) 06401/06402
Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite None
Students will learn mathematics concepts in a problem-solving environment. During the course, students will apply theories of measurement, ratios, geometrical structures, algebraic equations, and graphical methods to develop an understanding of topics related to building construction.

Graphic Arts Design (Technical Education) 06440
Grade Level 9-12 Credit/Semester 0.5 NCAA
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 screen printing 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).

Career Exploration (Career Education) 06500
Grade Level 10-12 Credit/Semester 0.5 NCAA
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.

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Career and Technical Education

Cooperative Work Training Internship 1 (Career Education) 06511/06512

Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite Concurrent Enrollment in 06611/06612

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 Education Internship 1 (Career Education) 06611/06612

Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite Concurrent Enrollment in 06601/06602

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.

Power-On-Site Training (Technical Education) 06791/06792

Grade Level 11-12 Credit/Semester 1.0 NCAA
Prerequisite 06602

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.

Robotics 1 (Technical Education) 06801/06802

Grade Level 9-12 Credit/Semester 0.5 NCAA
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 (Technical Education) 06811/06812

Grade Level 9-12 Credit/Semester 0.5 NCAA
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 (Technical Education) 06821/06822

Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Teacher Internship Program (Family and Consumer Services) 06830

Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite Application and Interview

Students will explore a career in education. It is similar to a student teaching experience because interns perform a variety of tasks representative of the daily activities of a teacher. These tasks include large or small group instruction, preparation of instructional materials, and clerical work. Interns may choose to work with a certified teacher at their high school or at a local elementary or middle school. Students are required to provide their own transportation to off-campus locations.

Interrelated Career Education 1 (Career Education) 06601/06602

Grade Level 11-12 Credit/Semester 0.5 NCAA
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.

Introduction to Preschool (Family and Consumer Services) 06700

Grade Level 9-12 Credit/Semester 0.5 NCAA
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.

Cosmetology (Career Education) 06781/06782

Grade Level 12 Credit/Semester 1.0 NCAA
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 Center of DuPage and Technology Campus of Lake County. Program may include required attendance during evenings and non-attendance days including Saturdays, and summer and holiday breaks.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
**PLTW- Introduction to Engineering Design**  
(Technical Education) 06881/06882  
**Grade Level** 9-12  
**Credit/Semester** 0.5  
**NCAA** None  
**Prerequisite** None  

Students will be creative and apply decision-making and problem-solving skills to specific design problems, using powerful computer hardware and software (Inventor) to develop 3-D models or solid renderings. Using CAD (Computer Aided Design) students apply the design process through creating, analyzing, rendering, and producing a model.

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**PLTW- Computerized Integrated Manufacturing**  
(Technical Education) 06891/06892  
**Grade Level** 10-12  
**Credit/Semester** 0.5  
**NCAA** 06882  
**Prerequisite** 06882  

Students will build on the solid modeling skills developed in PLTW-IED 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.

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**PLTW- Civil Engineering and Architecture**  
(Technical Education) 06901/06902  
**Grade Level** 10-12  
**Credit/Semester** 0.5  
**NCAA** 06882  
**Prerequisite** 06882  

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.

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**PLTW- Principles of Engineering**  
(Technical Education) 06921/06922  
**Grade Level** 11-12  
**Credit/Semester** 0.5  
**NCAA** 06882  
**Prerequisite** 06882  

Students will explore engineering systems and manufacturing processes, and continue to develop the problem-solving skills used on the college level and in the workplace. In addition, students will learn how engineers address concerns about the social and political consequences created by technological change.

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**PLTW- Engineering Design and Development**  
(Technical Education) 06931/06932  
**Grade Level** 11-12  
**Credit/Semester** 0.5  
**NCAA** 06992  
**Prerequisite** 06992  

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.
Course Descriptions

Career and Technical Education

Media Technology 1 (Technical Education) 06950

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

Introduction to Healthcare Field 1 (0214) (Health Sciences) 08181/08182

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td></td>
<td>Division Head Approval</td>
<td>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.</td>
</tr>
</tbody>
</table>

Media Technology 2 (Technical Education) 06960

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

Introduction to Healthcare 2 (0214) (Health Sciences) 08190

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>08181/08182</td>
<td>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.</td>
</tr>
</tbody>
</table>

Media Technology 3 (Technical Education) 06970

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

Introduction to Healthcare 3 (0214) (Health Sciences) 08211/08212

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

Media Technology 4 (Technical Education) 06980

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

Food Science (Family and Consumer Services) 08350

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>Completion of a Biology</td>
<td>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.</td>
</tr>
</tbody>
</table>

Health Careers Seminar (Health Careers) 08270

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>0.5</td>
<td></td>
<td>Program Admission</td>
<td>Students will focus on developing critical thinking and information literacy skills to make better-informed decisions regarding college and career planning. Special emphasis is given to the questions, methods, and career and college options relating to an area of academic or thematic interest. Additional information about material to be covered will be available with pre-registration materials each time that the course is offered. Participation in this course will assist the high school student in making appropriate career decisions in the health occupations.</td>
</tr>
</tbody>
</table>

Computer Programming, Mobile App, and Networking (Computer Education) 09040/09050

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

AP Computer Science-A (Computer Education) 08901/09092

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
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<th>Prerequisite</th>
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</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>Division Head Approval</td>
<td>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.</td>
</tr>
</tbody>
</table>

District Youth Apprenticeship (Career Education) 09441/09442

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
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</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2.0</td>
<td></td>
<td>Program Admission</td>
<td>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.</td>
</tr>
</tbody>
</table>

Digital Media Production (Technical Education) 09531/09532

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>0.5</td>
<td></td>
<td>None</td>
<td>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.</td>
</tr>
</tbody>
</table>

*Not all courses are offered at all schools. Please see your school counselor for additional information.
**Career Descriptions**

**Career and Technical Education**

**Production & Editing I** (Technical Education) 09540

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** 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** (Technical Education) 09550

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** None

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.

**Foundation of Learning and Development** (Family and Consumer Services) 09610

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** None

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 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.

**Introduction to Teaching Methods** (Family and Consumer Services) 09620

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** None

Prerequisite: None

Students will concentrate on the practical application of knowledge gained through Foundations for Learning and Development in the 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.

**Work Orientation 1** (Career Education) 09731/09732

- **Grade Level:** 11-12
- **Credit/Semester:** 0.5
- **NCAA:** None

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** (Career Education) 09741/09742

- **Grade Level:** 10
- **Credit/Semester:** 0.5
- **NCAA:** None

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** (Career Education) 09761/09762

- **Grade Level:** 11
- **Credit/Semester:** 0.5
- **NCAA:** None

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.

**Medical Science Academy** (Health Science Education) 09861/09862

- **Grade Level:** 11-12
- **Credit/Semester:** 1.0
- **NCAA:** None

Prerequisite: None

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.

**Internship Program** (Career Education) 09870

- **Grade Level:** 11-12
- **Credit/Semester:** 0.5
- **NCAA:** None

Prerequisite: None

Students will be placed in internships. Internships allow students to be placed at various sites in either the first or second semester or during the six weeks of summer school in the community for a minimum of 60 hours, with periodic support and feedback provided by staff. All internships are unpaid. Consider your schedule and after school activities prior to applying for admission to this program.

**Advanced Concepts in Coding and Development** (Computer Education) 10301/10302

- **Grade Level:** 12
- **Credit/Semester:** 0.5
- **NCAA:** None

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** (Computer Education) 10401/10402

- **Grade Level:** 12
- **Credit/Semester:** 0.5
- **NCAA:** None

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.

**APP Development** (Computer Education) 10601/10602

- **Grade Level:** 10-12
- **Credit/Semester:** 0.5
- **NCAA:** None

Prerequisite: 09050

Students will continue their development of applications for mobile devices and will expand their use of advanced features and coding principles from 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.

**Introduction to Culinary Arts** (Career Education) 57800

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** None

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.

**Advanced Culinary Arts** (Career Education) 57900

- **Grade Level:** 9-12
- **Credit/Semester:** 0.5
- **NCAA:** None

Prerequisite: None

Students will continue the principles and techniques taught in Foods 1 and 2 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.

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High School District 214 Pathway Guide | 2020

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### Career and Technical Education

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College Introductory Electronics</strong>&lt;br&gt;(Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Refrigeration Systems</strong>&lt;br&gt;(Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Industrial Control Systems</strong>&lt;br&gt;(Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Refrigeration Fundamentals</strong>&lt;br&gt;(Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Introduction to Corrections</strong>&lt;br&gt;(Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Introduction to Criminal Justice</strong>&lt;br&gt;(Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td><strong>College Introduction Fire Science</strong>&lt;br&gt;(Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>NCAA</td>
<td>None</td>
</tr>
<tr>
<td>Course Description</td>
<td>Grade Level</td>
<td>Credit/Semester</td>
<td>Prerequisite</td>
<td>Grade Level</td>
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<tr>
<td>--------------------</td>
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</tr>
<tr>
<td>College Fire Behavior and Combustion (Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>None</td>
<td>11-12</td>
</tr>
<tr>
<td>College Heating Principles (Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College Heating and Cooling Controls (Harper College) (Career Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College Nursing Assistant Training (Harper College) (Health Science Education)</td>
<td>11-12</td>
<td>1.5</td>
<td>Standardized Test Readiness</td>
<td></td>
</tr>
<tr>
<td>College Introduction to the Health Care Field (Harper College) (Health Science Education)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College Health Occupations Career Observation (Harper College) (Health Science Education)</td>
<td>11-12</td>
<td>0.5</td>
<td>60180 or Concurrent Enrollment in 60180</td>
<td></td>
</tr>
<tr>
<td>College Introduction to Early Childhood Education (Family and Consumer Services)</td>
<td>12</td>
<td>0.5</td>
<td>Previous or Concurrent Enrollment in 60500</td>
<td></td>
</tr>
<tr>
<td>College Fashion Industry Career Practicum and Seminar (Harper College) (Family and Consumer Services)</td>
<td>12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College Introduction to Education (Family and Consumer Services)</td>
<td>10-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College IT Fundamentals (Computer Education)</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>College ProStart Internship (Family and Consumer Services)</td>
<td>12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
Career Descriptions

**Career and Technical Education**

College Entrepreneurship 1 (Business Education) 65681/65682

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>11-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Accounting (Business Education) 65551/65552

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>11-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

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 Culinary Arts/ProStart 1 (Family and Consumer Services) 65711/65712

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>11-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>05780</td>
<td>Instructor Consent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Business (Business Education) 65641/65642

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>10-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
<td></td>
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</tr>
</tbody>
</table>

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 Fashion Merchandising (Family and Consumer Services) 65580

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>None</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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 Fashion Construction (Family and Consumer Services) 65580

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>05850</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students will have an opportunity to demonstrate their working knowledge of handling fabrics, utilizing correct grain lines, stitches, seams, zippers, buttons and while constructing a variety of garments in our lab. 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.

Practicum in Early Childhood Education 2 (Family and Consumer Services) 65950

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>05920</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Students will explore, research, and implement the most current teaching trends and techniques in early childhood education. In addition, students will focus on developing individual responsibility in preparing learning modules for instruction. 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 Automotive Performance and Electrical System (Technical Education) 66091/66092

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>10-12</th>
<th>Credit/Semester</th>
<th>0.5</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>06051/06052</td>
<td>Automotive Systems</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students will learn the skills required testing, adjusting, and repairing the computer-controlled automobile system using state of the art electrical and computer based diagnostic equipment. 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 Practical Architectural Construction-PAC Year 1 (Career Education) 66191/66192

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>10-12</th>
<th>Credit/Semester</th>
<th>1.0</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite</td>
<td>Consent of PAC Instructor</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Medical Terminology
(Harper College) (Health Science Education) 66640

Grade Level 10-12 Credit/Semester 0.5 NCAA

Prerequisite None

Students will learn 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. 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 Advanced Graphic Arts (Technical Education) 66301/66302

Grade Level 10-12 Credit/Semester 0.5 NCAA

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 certificates, 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 coursework and become self-directed learners who create professional, high-profile printing projects. To be enrolled in this dual credit course, students may receive college/university credit. See dual credit section in academic handbook for details.

College A+ Operating Systems Technology (Technical Education) 66800

Grade Level 9-12 Credit/Semester 0.5 NCAA

Prerequisite 66740

Students will 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 Comp TIA’s A+ certification exam. To be enrolled in this dual credit course, students must complete 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 A+ Hardware (Computer Education) 66740

Grade Level 9-12 Credit/Semester 0.5 NCAA

Prerequisite 66740

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 Comp TIA’s A+ certification. To be enrolled in this dual credit course, students must complete 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 Cybersecurity and Mobility (Computer Education) 66241/66242

Grade Level 11-12 Credit/Semester 0.5 NCAA

Prerequisite 09001/09002

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 Computer Networking (Technical Education) 66810

Grade Level 9-12 Credit/Semester 0.5 NCAA

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.
Course Descriptions

Career and Technical Education

College Manufacturing Internship (Technical Education) 66820

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite Previous or Concurrent Enrollment in 66831

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.

College Aviation Fundamentals (Technical Education) 66850

Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite 66830

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.

PLTW-Digital Electronics (Technical Education) 66911/66912

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite 06682

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.

PLTW- Aerospace Engineering (Technical Education) 66941/66942

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite 06682

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 Introduction to Aviation 66830

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite Program Admission

Students will learn many aspects of and career opportunities in 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 Aviation Physics (Technical Education) 66840

Grade Level 9-12 Credit/Semester 0.5 NCAA
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 Nursing Assistant Training (D214) 68171/68172

Grade Level 11-12 Credit/Semester 0.75 NCAA
Prerequisite Completion or Concurrent Enrollment in 66820

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. 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 Medical Terminology (D214) (Health Sciences) 68220

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite 08181/08182

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. Professional vocabulary is required for work in the health care 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 Human Anatomy (Health Sciences) 68250

Grade Level 12 Credit/Semester 0.5 NCAA
Prerequisite Program Admission

Students will be introduced to the anatomy of the human body; the following systems studied either regionally or systemically integumentary, skeletal, articular, muscular, circulatory, lymphatic, nervous, respiratory, digestive, excretory, endocrine and reproductive. Includes some introductory histology. Specially designed for students in health careers, biology, and physical education. 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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
College Production 1  (Technical Education)

Grade Level 11-12  Credit/Semester 0.5  NCAA
Prerequisite 09540 or Division Head Approval

Students will learn the foundational elements of visual storytelling through video, television, and film. These foundational elements include narrative construction, visual composition, genre aesthetics, visual rand development, characterization, and non-linear editing in order to communicate a unified message through video, audio, ad graphics. 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 Advanced CNC Manufacturing  (Technical Education)

Grade Level 11-12  Credit/Semester 0.5  NCAA
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 Education Academy  (Family and Consumer Services)

Grade Level 12  Credit/Semester 1.0  NCAA  No
Prerequisite Program Admission

Students will alternate days of on-site experiential learning with college-level coursework in the classroom. Class topics are determined by the experiences the students have on-site and analyzed through an increased amount of classroom seminar/discussion format. 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 Advanced Machine Technology  (Technical Education)

Grade Level 11-12  Credit/Semester 0.5  NCAA
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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Health and Physical Education

Personal Training Certification 08491/08492
Grade Level 9-12 Credit/Semester 0.75 NCAA
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.

Beginning Strength and Conditioning 08440
Grade Level 9-12 Credit/Semester 0.25 NCAA
Prerequisite Division Head Approval

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.

Exercise Physiology 08491/08492
Grade Level 9-12 Credit/Semester 0.25 NCAA
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.

Modified Physical Education 08500
Grade Level 9-12 Credit/Semester 0.25 NCAA
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.

Freshman Physical Education 1 08510
Grade Level 9 Credit/Semester 0.25 NCAA
Prerequisite Division Head Approval

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.

Freshman Physical Education 2 08520
Grade Level 9 Credit/Semester 0.25 NCAA
Prerequisite Division Head Approval

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.

Physical Education 08530
Grade Level 10-12 Credit/Semester 0.25 NCAA
Prerequisite 08510/08520 or Division Head Approval

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.

Dance 1 08550
Grade Level 9-12 Credit/Semester 0.25 NCAA
Prerequisite Division Head Approval

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 NCAA
Prerequisite 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 arts and physical education requirements.

Orchesis 08571/08572
Grade Level 9-12 Credit/Semester 0.25 NCAA
Prerequisite Audition and Division Head Approval

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.

Junior Leader I 08580
Grade Level 11 Credit/Semester 0.25 NCAA
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.

*Not all courses are offered at all schools. Please see your school counselor for additional information.
## Health Descriptions

### Health and Physical Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Junior Leader 2</strong></td>
<td>08590</td>
<td>11</td>
<td>0.25</td>
<td></td>
<td>08580</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Senior Leader**                          | 08600  | 12          | 0.25            |       | 08590, 08580              |
| 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. |

| **Dance 3**                                 | 08640  | 12          | 0.25            |       | 08590                     |
| 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. |

| **Advanced Swimming**                      | 08650  | 10-12       | 0.25            |       | 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. |

| **Advanced Strength and Conditioning**      | 08660  | 10-12       | 0.25            | NCAA  | 08510 and 08520 or 08440 |
| 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. |

| **Power Gymnastics**                        | 08670  | 9-12        | 0.25            | NCAA  | 9-None, 10-12-08510 or 08530 or 08520 or 08540 |
| Students will learn and improve a variety of techniques, skills, and terminology commonly used in men’s gymnastics events vaulting, floor exercise, side horse, pommel bar, horizontal bars, and rings. This course may not be repeated except with permission from the division head. |

| **Grace Gymnastics**                        | 08680  | 9-12        | 0.25            | NCAA  | 9-None, 10-12-08510 or 08530 or 08520 or 08540 |
| 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  | 10          | 0.5             | NCAA  | 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. |

| **Yoga and Mindful Movement Practices**     | 08740  | 10-12       | 0.25            | NCAA  | 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. |

*Not all courses are offered at all schools. Please see your school counselor for additional information.*
Health and Physical Education

**Advanced Activities (Fall)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08750</td>
<td>10-12</td>
<td>0.5</td>
<td>None</td>
<td>08510,08520; Must have attained fitness levels 1 and 2, teacher recommendation</td>
</tr>
</tbody>
</table>

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 (Spring)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08760</td>
<td>10-12</td>
<td>0.25</td>
<td>None</td>
<td>08510 and 08520</td>
</tr>
</tbody>
</table>

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)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08770</td>
<td>10-12</td>
<td>0.25</td>
<td>None</td>
<td>08510 and 08520</td>
</tr>
</tbody>
</table>

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.

**Lifestyle Fitness**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08800</td>
<td>9-12</td>
<td>0.25</td>
<td>None</td>
<td>Consent of Instructor</td>
</tr>
</tbody>
</table>

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.

**Sports Medicine 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08840</td>
<td>9-12</td>
<td>0.5</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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. Students Primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved.

**Sports Medicine 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>08850</td>
<td>10-12</td>
<td>0.5</td>
<td>None</td>
<td>08840</td>
</tr>
</tbody>
</table>

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.

**College Advanced Strength and Conditioning**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>68660</td>
<td>11-12</td>
<td>0.25</td>
<td>None</td>
<td>08510 and 08520 or 08440 or Division Head Approval</td>
</tr>
</tbody>
</table>

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 Basic Care and Prevention of Athletic Injuries**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>68810</td>
<td>11-12</td>
<td>0.25</td>
<td>None</td>
<td>08840 or Division Head Approval</td>
</tr>
</tbody>
</table>

Students will gain knowledge on the primary causes of injuries, analysis of preventive measures; care of injuries in relation to type of tissue involved. 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.
Special Programs

Preparatory Study Skills 02250

Grade Level 9-12 Credit/Semester 0.25 NCAA
Prerequisite None

Students will develop strategies for time management, test preparation, test completion, communication, and problem solving.

AVID 1 02390/02400

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite API Recommendation

AVID 2 02410/02420

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite API Recommendation

AVID 3 02430/02440

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite API Recommendation

AVID 4 02450/02460

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite API Recommendation

AP Seminar 02601/02602

Grade Level 10-12 Credit/Semester 0.5 NCAA
Prerequisite Division Head Approval

AP Seminar-English 02611/02612

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

AP Research 02701/02702

Grade Level 12 Credit/Semester 0.5 NCAA
Prerequisite Division Head Approval

Adventure Learning 06570

Grade Level 11-12 Credit/Semester 0.5 NCAA
Prerequisite None

Service Learning-70 Hours 06580

Grade Level 9-12 Credit/Semester 0.5 NCAA
Prerequisite None

*Not all courses are offered at all schools. Please see your school counselor for additional information.
Strategies for Learning 08911/08912

Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
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 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
NCAA: Yes
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 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
NCAA: Yes
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 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
NCAA: Yes
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 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.

Life and Career Planning-70 hours 08980

Grade Level: 9-12
Credit/Semester: 0.5
NCAA: Yes
Prerequisite: None

Students will use this course to track and document participation in the life and career-planning program.

Naval Science 1 08451/08452

Grade Level: 9-11
Credit/Semester: 0.5
NCAA: Yes
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 beginning cadet to the Navy and the NJROTC program.

Naval Science 2 08461/08462

Grade Level: 10-12
Credit/Semester: 0.5
NCAA: Yes
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
NCAA: Yes
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
NCAA: Yes
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.
### Driver Education

**Driver Education Classroom** 09650

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.25</td>
<td></td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Credit/Semester</th>
<th>NCAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-12</td>
<td>0.0</td>
<td></td>
</tr>
</tbody>
</table>

**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.*

*Not all courses are offered at all schools. Please see your school counselor for additional information.*

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### Academic Policy and Procedures
Academic Policy and Procedures

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.


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 instructional participation, transportation, and other student services.

Full D214 Handbook Available Online:

DISTRICT INSTRUCTIONAL GOALS
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)
- College Readiness Placement Assessment
- Dual Credit College English and/or Math (A,B, or C)
- Math (A,B, or C)
- Algebra II (A,B, or C)
- SAT Exam: Math (530)
- SAT Exam: Reading and Writing (480)
- ACT Exam: English (18)
- ACT Exam: Reading (22)
- ACT Exam: Science (22)
- ACT Exam: Math (22)

(Standardized test benchmarks minimum College Developmental Remedial English and/or score)

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 board bridge programs; senior year math class completion of a math class after Algebra II.

CAREER READY INDICATORS
1. 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.
   - 90% attendance
   - Industry Credential
   - 25 hours of Community Service
   - Dual Credit Career Pathway Course
   - Workplace Learning Experience
   - Two or more organized Co-Curricular Activities

2. As measured by the growth from PSAT and SAT, the percent of students meeting or exceeding national growth norms from PSAT to SAT will increase annually or will exceed a threshold established by the Board after two years of data are collected and analyzed.

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 parents/guardians.

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.

COURSE ACHIEVEMENT LEVELS
In addition to the general education program 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 curriculum achievement levels to meet the learning needs of individual students. Weighted grading is based on a course’s achievement level and curriculum achievement levels to meet the learning needs of individual students.

Advanced Placement/College (A = 5.0/4.0)
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. Colleges may give credit and/or advanced placement to students on the basis of exam scores.

The district will also offer the AP/5.0 weight to any International Baccalaureate (IB) courses (if they become available); Project Lead-the-Way (PLTW) courses (with the exception of 06931/06932 Engineering Design and Development); 06461/06462 Introduction to Nanotechnology, and courses 0 and 04900 Western Literature and Thought 1 and 2, and 04981/04982 College Calculus 3 and Differential Equations and any early college credit course designated by a course number beginning with the number six.

Many colleges and universities move students who successfully complete Project Lead-the-Way (PLTW) in high school to a higher-level engineering class freshman year. Students taking PLTW in high school can earn college credit from a number of participating universities/collages. 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)
Honors courses are offered at 4.5 grade weight, more rigorous than general education courses, are designed for students who have an outstanding record of achievement in a particular subject area. The honors title will be limited to core academic area courses where there are not AP/Honors options at that course level and all World Languages levels 3 and 4.

General Education (A = 4.0)

General education courses are taught at grade level. These course titles do not contain any achievement level designation.

Preparatory (A = 4.0)
Preparatory courses are specially designed to address the learning needs of students who are below grade level (general education level). The purpose of preparatory courses is to move students to grade level study in the general education curriculum. Teachers monitor student progress to determine if and when a student is ready to move to the general education curriculum.

DUAL CREDIT OPTIONS
The Dual Credit program allows high school students an opportunity to satisfy high school graduation requirements and simultaneously earn college credit. District 214 currently has agreements with numerous colleges and universities for dual credit with Eastern Illinois University, Harper Community College, Lewis University, National Louis University, Northern Illinois University, and Triton College. High school instructors and college faculty deliver college level course content and meet college learning outcomes in order to qualify the courses for dual credit.

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 prerequisites in order to be eligible to receive dual credit. Dual credit textbook review or placement testing may be required to meet the prerequisites for some courses.

www.Discover214.org
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 syllabus. 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 may still have an impact on future financial aid eligibility. Similarly, any grade earned in dual credit courses will be transcripted 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 the receiving post-secondary institution.

To be eligible and registered for dual credit, students must complete and turn in the District 214 Guardian Permission form and complete the institution-specific dual credit application and forms as necessary all required District 214 and college/university partner application materials at www.appy214.org. Students who fail to complete all necessary forms and applications may be ineligible to enroll in the dual credit course. Students should see their counselor regarding these forms and steps. Questions about transferability of any dual credit courses should be direct- ed to the college/university in which they are interested in attending.

CLASS STANDING AND PLACEMENT

(Organization of Instruction) (Reference Policy 6:30)

The School District has instructional levels for grades 9 through 12. Students, for the instructional purposes, may be placed in groups within a school that do not necessarily follow grade level designation. For purposes of attendance reporting and other records, however, each student is assigned a grade-level placement. Students shall not be promoted to the next higher-grade level based upon age or any other social reasons not related to the academic performance of the student. Decisions to promote or retain students in any grade level shall be based on successful earning of minimum units of credit.

Classstandingmaximumearnedunitsofcredit

Sophomore 5
Junior 10
Senior 15

Students who are behind in earning credit are expected to do one or more of the following:

1. enroll in summer school;
2. increase the number of courses they take;
3. take an accredited correspondence or online learning course or apply for a District 214 independent study course;
4. enroll, if a senior, in the Young Adult Program; and/or
5. continue to enroll in high school beyond the typical four years.

Peak Examination/Assessment

1. Teachers use a variety of examinations/assessments to determine the degree to which students have met course standards.

2. Such examinations/assessments may affect students’ final grades in varying degrees.

3. Comprehensive final examinations/assessments generally comprise between 10% and 20% of the final grade. The division head must approve exceptions to this rule in advance.

4. 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.

5. Grading should reflect a demonstrated understanding of content and skills and shall not be based on external factors such as discipline. Every teacher shall maintain an evaluation record for each student in the teacher’s classroom, and shall use the following Standard Scale Score to determine grades:

<table>
<thead>
<tr>
<th>Score</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>C+</th>
<th>C</th>
<th>D+</th>
<th>D</th>
<th>F</th>
</tr>
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<tbody>
<tr>
<td>Grade</td>
<td>90-100</td>
<td>80-89</td>
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Course-help 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 division head 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.

No grade may be changed without notification to the teacher concerning the nature and reason for the change. The administrator making the change must sign the change record.

Final Grades and Progress Reports

1. Final grades and units of credit are earned in January and June.

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 (term at WHS) reflecting the achievement of course standards, and are recorded on the student transcripts (permanent records).

4. Students enrolled in yearlong courses may take cumulative exams or receive alternative assessments prior to the end of the first semester.

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3. Comprehensive final examinations/assessments generally comprise between 10% and 20% of the final grade. The division head must approve exceptions to this rule in advance.

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 utilize 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.

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3. Comprehensive final examinations/assessments generally comprise between 10% and 20% of the final grade. The division head must approve exceptions to this rule in advance.
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 at the end of the semester in January and June of at least 3.5, and have no final letter grade lower than a “B” in honors/general/preparatory course or a “C” in an AP course (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 at the end of the semester in January and June of at least 3.0 or higher, and have no final letter grade lower than a “C” in any course (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 at the end of the semester January or June of “D,” “F” or “W”.

The school uses the higher of a student’s two grade point averages (weighted and non-weighted) to determine honor roll status. Courses which fulfill the Physical education graduation requirement 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.

REQUIRED COURSE SUBSTITUTION
(Reference Policy 6:310)
In accordance with Board-approved procedures and upon the request and approval in writing of a student’s parent or guardian, a student may satisfy one or more high school course or graduation requirements by substitution for and successfully completing in place of the high school course or graduation requirement a related vocational or technical education course completely describes containing at least 50% of the content of the required course or graduation requirement for which it is substituted.

The following courses are approved for substitution:
May Substitute courses below for Sociology 1 (07710) and Sociology 2 (07720):

- BGHS - Human Growth and Development (05910) and Practicum in Early Childhood Education 1 (05920)
- EGHS - Cooperative Work Training 1 (06510/06512)
- EGHS - Interrelated Career Education 1 (06601/06602)

May Substitute courses below for Photography (01220):
- BGHS - Graphic Arts (06250) and Advanced Graphic Arts (06260)

CONSUMER EDUCATION REQUIREMENT
Students meet the consumer education graduation requirement by passing one of the following courses or combination of courses:
- Personal Finance (06610)
- Economics (07330)
- Consumer Education (59940)

IMPORTANT CREDIT EXCEPTIONS
1. The following courses do not count toward the English graduation requirement:
   - Acting 1 (03060)
   - Acting 2 (03070)
   - Acting 3 (03060)
   - Acting 4 (03310)
   - Advanced Speech (03030)
   - Broadcast Journalism (03190)
   - College Summer Theater: Technical (06110)
   - College Summer Theater: Production (06220)
   - Debate (03010)
   - Film Study (03080)
   - Journalistic Writing 1 (03110)
   - Journalistic Writing 2 (03120)
   - Journalistic Writing 3 (03130)
   - Journalistic Writing 4 (03140)
   - Journalistic Writing 5 (03240)
   - Journalistic Writing 6 (03250)
   - Journalistic Writing 7 (03260)
   - Journalistic Writing 8 (03270)
   - Technical Theater 1 (03080)
   - Yearbook 1 (03150)
   - Yearbook 2 (03160)
   - Yearbook 3 (03170)
   - Yearbook 4 (03180)
   - Yearbook 5 (03320)
   - Yearbook 6 (03330)
   - Yearbook 7 (03340)
   - Yearbook 8 (03350)
   - World Cinema (02970)

GEOMETRY IN CONSTRUCTION
Students will experience geometry in construction through the integration of geometry content in a construction course. This program will allow students to apply traditional geometry concepts in a hands-on setting where they will apply mathematical concepts with a variety of activities and projects. This course meets the state and district math graduation requirement for geometry content.

SUBSTITUTIONS 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. Enrolment 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). 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 a waiver for only one of the semesters. Only students who have no study halls in their semester schedule are eligible to substitute a PE course. Under no circumstances shall these students be permitted to enroll in other classes in lieu of the waived Physical Education class. An associate principal or the assistant principal for student services shall verify students’ participation or potential participation in said athletic programs. Non-participation on the athletic team will result in the loss of waiver privileges and will require students to return to their Physical Education class immediately in order to avoid a failing grade in required Physical Education class. 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.

PASS/NO CREDIT (PNC) AND AUDIT (AT) OPTION
Students may take the Pass/No Credit or audit 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. (High School Students must declare their intent before the end of the first 3.5 weeks of the term.)
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 standard 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.

GUIDELINES FOR REPEATING A COURSE
Repeating a Failed Course
If a student repeats and passes a previously failed course, the failing grade (“F” or “W”) 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 was 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 grade 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/principal or other school 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.
INTERNET SAFETY POLICY

Policy (6:235)
The Board of Education of Township High School District No. 214 (“Board”) has adopted the following policy in accordance with the Children’s Internet Protection Act and the Neighborhood Children’s Internet Protection Act (PL. 106-554).

Full details on this policy can be found at www.D214.org/District-Departments/D214-Student-Handbook.

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 in 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 (VMS)

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)/guardians.

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. With 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; understand his/her skills and interests; and have effective study skills to pursue career fields. 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 (ELL)
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 serve 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:
   a) the reasons for their child’s identification,
   b) their child’s level of English proficiency,
   c) the method of instruction to be used,
   d) how the program will meet their child’s needs,
   e) specific exit requirements of the program,
   f) 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.

**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. Uses the State assessment system and any other appropriate assessment methods and instruments, including norm and criterion-referenced achievement tests, aptitude tests, proficiency tests, and teacher-developed tests.
2. Tests the grades and subjects according to the schedule required by the State assessment system. The district’s assessment program may include testing students in grades not required by State law to be tested.
3. Tracks the achievement of all students.
4. Provides each student and his or her parents/custodians with an evaluation of the student’s learning on the basis of test and assessment results. See policy E/891, Grading and Promotion.
5. Utilizes 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. Board policy 7340, 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:

- **PROCEDURE FOR TRANSFERRING CREDIT**

  **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 (08011/08002), and ESL 1 (08001/08002). 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, 08101/08102, 08021/08022, and 08031/08032 unless approved by the Assistant Principal of Student Services or designee.

  **SEAL OF BILITERACY**

  District 214 students have the opportunity to be recognized by the State of Illinois for earning proficiency in English and one additional language. The Illinois State Board of Education’s Seal of Biliteracy program will place an official seal on diplomas and confer official recognition on transcripts of those students who qualify.

  The Seal of Biliteracy is awarded to those whose proficiency level is equivalent to the Intermediate High scale set by the American Council on the Teaching of Foreign Languages. To qualify for the Seal of Biliteracy, seniors must:

  - Earn a minimum composite score of 21 on an official administration of the ACT, or
  - Reach the ACT college readiness benchmark of 18 for the English subject area test, or
  - Earn a minimum score of 540 on the Evidence Based Reading and Writing portion of an official administration of the SAT, or

  - Earn a minimum overall composite score of 4.8 on the ACCESS for ELLs exam, or
  - Have earned a 4 or a 5 on the AP Language exam, or
  - Earn a minimum of an I-S on all components of ACTFL’s Assessment of Performance Toward Proficiency in Languages (AAPPL) exam, a minimum of Intermediate High on all components of AVANT’s STAMP 45 exam, or a minimum of 81 on the Standard Test of Bulgarian as a Foreign Language.

  The following languages can be assessed with the AAPPL exam: Arabic, Chinese (Mandarin), French, German, Hindi, Italian, Japanese, Korean, Portuguese, Russian, Spanish, and Thai.

  AVANT STAMP 45 assessment is offered for Hebrew and Polish.

  The Standard Test of Bulgarian as a Foreign Language is an online assessment. For more information about this assessment, please call the number listed below.

  The cost of the AAPPL and STAMP 45 assessments will be $25, which includes an administrative fee. The Standard Test of Bulgarian as a Foreign Language will be offered through the Consulate General of the Republic of Bulgaria and will cost $150. For more information about this assessment, please contact Angela Sisi at angela.sisi@214.org.

  AAPPL and STAMP 45 testing in the fall of 2020 will be for seniors only.

  For more information, contact Angela Sisi, the Director of Language Development, at (847)718-7836.

**CO-CURRICULAR ACTIVITIES**

(Policy E/190)

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

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.

The Superintendent or designee must approve an activity in order for it to be considered a District-sponsored extracurricular or 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.

No-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.

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 membership. The conduct code shall require that, (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 schools, and (2) notify participants that failure to abide by it could result in removal from the activity. 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. The Superintendent shall develop procedures to implement this policy.

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 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 each performing/competing student group listed below.

No Pass/No Play, Eligibility, and Co-Curricular Code Activities/Athletics
Activities
- Bass Fishing Team
- Chess Team
- Class Board Officers (Student Council)
- Competitive Marching Band
- Cricket
- Debate Team
- DECA
- Drama and Group Interpretation
- Drill Team
- FCCLA
- IHSA Journalism
- Jazz Band* Interscholastic Competition
- Marching Band Individual Competition
- Math Team
- Musical
- Orchestra (Performance)
- Pompoms
- Robotics Team
- Scholastic Bowl Team
- School Art/Performance Play
- Science Olympiad Team
- Show Choir/Inter scholastic Competition
- Sideline Cheerleading
- Speech Team/Individual Events
- Spring Play
- Student Congress Team
- Student Council Officers
- Swimming and Diving Boys and Girls
- Ten nis 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 above are monitored in terms of the IHSA eligibility standards and the district’s current athletic eligibility system.

3. Coaches and activity sponsors will accurately monitor the eligibility of each participating student in accordance with Board Policy 7:240.

4. The co-curricular activities listed above 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 (APS) 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 I 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.

SUMMER SCHOOL
(Reference Policy 6:310)
A summer school program will be available to students residing within District 214 including eighth grade graduates from the middle/junior high schools within the high school district. Out-of-district students who pay appropriate fees will be accepted on a space available basis. The summer school program will be approved by the Board and will be substantially financially self-supporting.

Summer school is an important supplement to, or an extension or expansion of, the regular school year. The district provides a two-semester summer school program. Registration is held in the spring (2nd semester). Students can obtain more detailed information about summer school and summer school registration from each school’s counseling office in February.

In accordance with the provisions of the district’s student remediation policy, any student, including an incoming freshman, who does not meet district achievement standards, may be required to attend a summer school program.

Units of credit earned in summer school are separate from units earned during a regular school year semester when recorded on the student’s transcript. Summer school grades are included in the student’s grade point average. There are no summer honor roles.

Repeating a failed course can only be completed without administrative permission through summer school, young adult program, alternative school, or credit recovery. The administration can give permission for students to repeat a class during the regular school day.

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