Rockford Public High Schools

Auburn High School
5110 Auburn Street
Rockford, IL 61101
815-966-3300
Principal: Janice Hawkins

Auburn Counseling Staff
• Dan Appino: Gifted
• Leshanda Ausler: Gifted 9th Grade
• Indira Betts: HS
• Paige Campbell: EMITT
• Theresa Oostmeyer: BAMIT
• Tiffani Weatherly: CAPA
• Scott Zimmerlee: HPS

Jefferson High School
4145 Samuelson Road
Rockford, IL 61109
815-874-9536
Principal: Don Rundall

Jefferson Counseling Staff
• Megan Chennell: HS
• Amy Cusimano: EMITT
• Kristy DeChirico: HPS
• Yenitze Reyes: BAMIT
• Evelyn Smith: Freshmen
• Elizabeth Ulrick: HPS/Freshmen

East High School
2929 Charles Street
Rockford, IL 61108
815-229-2100
Principal: Dr. Peter Verona

East Counseling Staff
• Brigitte Coupar: EMITT
• Tyler Davis: HPS (A-R)
• Nicole Giovanni: BAMIT
• Kris Hunt: BAMITT (S-Z) & 9A
• Taci Juno: HS
• Alonzo Latimore: HPS (S-Z) & 9B
• Adrianne Robertson: HS (P-Z) & EMITT (O-Z)

Guilford High School
5620 Spring Creek Road
Rockford, IL 61114
815-654-4870
Principal: Ronald (Gus) Carter

Guilford Counseling Staff
• Melissa Dolan: BAMIT & EMITT
• Jacqueline Grygiel: HPS/BAMIT
• Sara Nielsen: EMITT
• Donna Pauley: HS
• Kristen Roberts: HPS & Freshmen
• Leslie Vining: Freshmen

Roosevelt Alternative
978 Haskell Avenue
Rockford, IL 61103
815-966-3250
Principal: Morgan Gallagher

Roosevelt Counseling Staff
• Jennifer Carson: EMITT/BAMITT
• Cassandra Glover: Freshman
• Barbara Meeks: HPS/HS
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What is a College & Career Academy?

Academies are small learning communities that provide real-world experiences with local businesses and professionals, linking schoolwork and the workplace. Regular coursework is presented within the context of the academy’s focus. Academies provide small learning communities within each high school to help ensure that graduating students are better prepared for college and the workforce.

How to Choose an Academy and Pathway

Step 1. Identify your interests.
Identifying your personal interests (hobbies and areas of study) will guide you to the best academy for you, making school and your future career motivating and enjoyable!

I enjoy:

- creative writing
- brainstorming new ideas
- computer science
- learning a new language
- drawing
- visual arts

BAMIT

I enjoy:

- building things
- solving puzzles
- learning about planes & cars
- working with tools

EMITT

Step 2

BAMIT (Business, Arts, Modern World Languages and Information Technology) may be the academy for you!
Career pathways in the BAMIT academy include:
• Business Management
• Accounting
• Graphics / Media Production
• Modern World Languages and Communications
• Information Technology
• Studio Art

EMITT (Engineering, Manufacturing, Industrial and Trades Technology) may be the academy for you!
Career pathways in the EMITT academy include:
• Architecture and Construction
• Engineering
• Manufacturing Operations
• Skilled Trades
• Transportation Technology

Are there other courses you still want to take?

Language Arts (courses such as Creative Writing, Journalism, and Yearbook)
Science (courses such as AP Chemistry, Environmental Science, and Zoology)
Social Studies (courses such as African American History, Criminal Law, Psychology, and World Affairs)

Step 3
EMITT (Engineering, Manufacturing, Industrial and Trades Technology) may be the academy for you!
Career pathways in the EMITT academy include:
• Architecture and Construction
• Engineering
• Manufacturing Operations
• Skilled Trades
• Transportation Technology

HPS (Human and Public Services) may be the academy for you!
Career pathways in the HPS academy include:
• Education and Child Development
• Land and Resource Management
• Human Services
• Law and Public Safety
• Performance Production
• Performing Arts

HS (Health Sciences) may be the academy for you!
Career pathways in the HS academy include:
• Health and Wellness
• Health Care Associates
• Health and Medical Sciences

Are there other courses you still want to take?
World Languages (courses such as French and Spanish)
Fine Arts (courses such as Studio Art, Concert Band, Chorus, Acting, and Intro to Tech Theatre)
Career and Technical Education (courses such as Child Development, Drafting/CAD, Entrepreneurship, Information Processing, and Student Leadership)
Academy Pathways

All of our high school students benefit from small learning communities called Academies. Within the Academies, students can choose from more than two dozen career pathways that allow them to further explore career areas of interest. Each pathway is a three course sequence beginning in a student’s sophomore year that provides real-world experiences with local businesses and professionals, linking schoolwork and the workplace. Students learn math, science, English, and social studies, but apply their academic learning to their chosen career pathway.

Many of our career pathways offer students opportunities like dual credit, articulated credit or industry certification.

DEFINITION OF TERMS:

Articulated credit allows high school students to receive college credit for technical courses they completed while in high school. The articulation process eliminates the need for duplication of courses at the college level.

Dual credit allows high school students to receive both college and high school credit. Dual credit courses can take place either in the high school or on a college campus.

Industry certification is earned through secondary and postsecondary career and technical education programs and courses giving students professional credentials to take into the workplace.

Project Lead the Way (PLTW) is a non-profit organization that develops STEM classes for middle and high schools. These courses are designed for students in select pathways in the BAMIT and EMITT Academies.

Work-based learning experiences are opportunities provided to students based on their pathway; such as job shadowing, career fairs, business site visits, university visits, etc.

Course offerings are based at the discretion of each building based on sufficient student enrollment. For current course offerings, see your guidance counselor.

CONTENT OF THIS PLANNING GUIDE IS SUBJECT TO CHANGE.
FOR UPDATED INFORMATION, PLEASE VISIT OUR WEB PAGE AT RPS205.COM
ACCOUNTING/FINANCE PATHWAY

Using systems and skills to keep the financial records of a business or individual

POTENTIAL CAREERS IN ACCOUNTING/FINANCE

Abstractor
Banker
Bill and account collector
Economist
Manager
Auditor
Tax examiner
Title researcher and examiner

Commodities representative
Accountant
Budget analyst
Credit analyst
Financial analyst
Fund raiser
Loan officer
Treasurer

Underwriter
Actuary
Controller
Debt counselor
Financial planner
Insurance broker
Non-profit manager
Trust officer

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s) Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Business &amp; Technology Concepts</td>
</tr>
<tr>
<td>11</td>
<td>Accounting I</td>
</tr>
<tr>
<td>12</td>
<td>Accounting II AP Statistics</td>
</tr>
<tr>
<td></td>
<td>AP Microeconomics</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

Associate’s Degree
Associate in Applied Science in Accounting - Rock Valley College

Bachelor’s Degree
Bachelor of Science in Accountancy - Northern Illinois University

Master’s Degree
Master of Accounting Science - Northern Illinois University
BAMIT BUSINESS PATHWAY

Planning, organizing, directing, and controlling business operations. Those who work in this field have to use a broad range of ideas and practices to maintain and grow their business through the management of materials, equipment, workers and other financial resources.

POTENTIAL CAREERS IN BUSINESS

Advertising sales person  Compliance officer  Facilities manager
Corporate trainer  Insurance agent  Business operations manager
Entrepreneur  Business consultant  Financial advisor
Human resources manager  E-commerce analyst  Management analyst

HIGH SCHOOL PATHWAY COURSES

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<td>Freshman Seminar (s)  Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Business &amp; Technology Concepts</td>
</tr>
<tr>
<td>11</td>
<td>Business &amp; Personal Law  Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Advanced Computer Concepts and Applications</td>
</tr>
<tr>
<td>12</td>
<td>Business &amp; Personal Law  AP Statistics</td>
</tr>
<tr>
<td></td>
<td>AP Microeconomics  Information Processing</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate's Degree**
Associate in Applied Science in Business Administration  - Rock Valley College

**Bachelor's Degree**
Bachelor of Science in Business Administration  - Rockford University  - Northern Illinois University

**Master's Degree**
Master of Business Administration  - Rockford University  - Northern Illinois University
Creating visual concepts to communicate ideas that inspire, inform, or captivate consumers.

**POTENTIAL CAREERS IN GRAPHIC DESIGN**

- Media specialist
- Production coordinator
- Web architect/designer
- Desktop publishing specialist
- Printing equipment operator
- Computer typographer
- Paper salesperson
- Production manager
- Lithographer
- Pre-production technician
- Graphics equipment operator
- Plate maker
- Web page designer
- Animator
- Graphic artist
- Marketing specialist

**HIGH SCHOOL PATHWAY COURSES**

<table>
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<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar(s)</td>
</tr>
<tr>
<td>10</td>
<td>Graphic Design I</td>
</tr>
<tr>
<td></td>
<td>Intro to Journalism(s)</td>
</tr>
<tr>
<td></td>
<td>Intro to Desktop Publishing(s)</td>
</tr>
<tr>
<td>11</td>
<td>Graphic Design II</td>
</tr>
<tr>
<td></td>
<td>Media Production I</td>
</tr>
<tr>
<td></td>
<td>Web Design</td>
</tr>
<tr>
<td>12</td>
<td>Graphic Design III</td>
</tr>
<tr>
<td></td>
<td>Web Design</td>
</tr>
<tr>
<td></td>
<td>Media Production II (to be added)</td>
</tr>
</tbody>
</table>

(s) = semester

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

**ASSOCIATE’S DEGREE**

- Associate in Applied Science in Graphic Arts Technology
  - Rock Valley College

**Bachelor’s Degree**

- Bachelor of Arts Degree in Graphic Design
  - Northern Illinois University
  - Judson University

**Master’s Degree**

- Master of Arts in Art (Studio Art)
  - Northern Illinois University
Designing, developing, applying, implementing, supporting or managing computer-based information systems.

POTENTIAL CAREERS IN INFORMATION TECHNOLOGY

<table>
<thead>
<tr>
<th>Database administrator</th>
<th>Network security analyst</th>
<th>User support specialist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data systems designer</td>
<td>PC support specialist</td>
<td>Virtual reality specialist</td>
</tr>
<tr>
<td>E-business specialist</td>
<td>Programmer</td>
<td>Web developer</td>
</tr>
<tr>
<td>Game developer</td>
<td>Software applications specialist</td>
<td></td>
</tr>
<tr>
<td>Information technology engineer</td>
<td>Systems administrator</td>
<td></td>
</tr>
<tr>
<td>Network administrator</td>
<td>Telecommunications network technician</td>
<td></td>
</tr>
</tbody>
</table>

HIGH SCHOOL PATHWAY COURSES

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<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Business &amp; Technology Concepts</td>
</tr>
<tr>
<td>11</td>
<td>PLTW Computer Science Principles</td>
</tr>
<tr>
<td>12</td>
<td>AP Computer Science (Auburn only)</td>
</tr>
<tr>
<td></td>
<td>Web Programming and Design</td>
</tr>
<tr>
<td></td>
<td>PLTW Computer Science Applications</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate’s Degree**
- Associate in Applied Science in Computers and Information Systems
  - Rock Valley College
  - Rasmussen College

**Bachelor’s Degree**
- Bachelor of Science in Management Information Systems
  - Northern Illinois University

**Master’s Degree**
- Master of Science in Management Information Systems
  - Northern Illinois University
MODERN WORLD LANGUAGES AND COMMUNICATIONS PATHWAY

BAMIT

Exchanging information among individuals or groups through written documents, spoken word, or behaviors to increase awareness and understanding.

POTENTIAL CAREERS IN MODERN WORLD LANGUAGES AND COMMUNICATIONS

International economic developer  Teacher of world languages  Customer service manager
International health care worker  Travel agent  Communication specialist
International land developer  Translator  Public relations
International tax lawyer  Interpreter  Consultant

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)  Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Speech Communication  Spanish I/II/III</td>
</tr>
<tr>
<td></td>
<td>French I/II  Sign Language I/II (East only)</td>
</tr>
<tr>
<td></td>
<td>Spanish for Native Speakers I/II</td>
</tr>
<tr>
<td>11</td>
<td>Spanish II/III/IV  French II/III</td>
</tr>
<tr>
<td></td>
<td>Sign Language II/III (East only)</td>
</tr>
<tr>
<td></td>
<td>Spanish for Native Speakers I/II</td>
</tr>
<tr>
<td>12</td>
<td>Spanish III/IV  French III/IV</td>
</tr>
<tr>
<td></td>
<td>AP Spanish  AP French</td>
</tr>
<tr>
<td></td>
<td>Sign Language III/IV (East only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate’s Degree**
Associate’s of Arts Degree - Interdisciplinary Humanities & Fine Arts Concentration - Rock Valley College

**Bachelor’s Degree**
Bachelor of Arts Degree - Modern & Classical Languages - Rockford University - Northern Illinois University

**Master’s Degree**
Master of Arts in Foreign Languages - Northern Illinois University
BAMIT STUDIO ARTS PATHWAY

Creating visual arts, painting, photography, printmaking, sculpture, film/video, and more.

POTENTIAL CAREERS IN STUDIO ARTS

<table>
<thead>
<tr>
<th>Art director</th>
<th>Curator</th>
<th>Illustrator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artist</td>
<td>Gallery manager</td>
<td>Interior designer</td>
</tr>
<tr>
<td>Commercial artist</td>
<td>Fashion designer</td>
<td>Printmaker</td>
</tr>
<tr>
<td>Commercial photographer</td>
<td>Fashion illustrator</td>
<td>Jeweler</td>
</tr>
<tr>
<td>Computer animator</td>
<td>Graphic designer</td>
<td></td>
</tr>
</tbody>
</table>

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td>10</td>
<td>Studio Art I</td>
</tr>
<tr>
<td>11</td>
<td>2-D Studio Art II</td>
</tr>
<tr>
<td>12</td>
<td>2-D Studio Art III</td>
</tr>
<tr>
<td>12</td>
<td>3-D Sculpture II</td>
</tr>
<tr>
<td></td>
<td>AP Studio Art: Drawing</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate's Degree**
- Associate in Arts, Concentration in Studio Art, - Rock Valley College

**Bachelor's Degree**
- Bachelor of Fine Arts in Studio Art
  - Rockford University
  - Northern Illinois University

**Master's Degree**
- Master of Fine Arts in Studio Art
  - Northern Illinois University
Designing, planning, managing, building, and maintaining the built environment. (EAST, GUILFORD, AND JEFFERSON ONLY)

POTENTIAL CAREERS IN ARCHITECTURE AND CONSTRUCTION

Architect
Civil engineer
Contractor
Drafter
Electrician
Equipment/material manager
Interior designer

Painter
Project estimator
Roofer
Sheet metal worker
Carpenter
Construction foreman/manager
Demolition engineer

Drywall installer
Electronic systems technician
General contractor/builder
HVAC mechanic
Project inspector
Safety director
Tile/marble setter

HIGH SCHOOL PATHWAY COURSES

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</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s) Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Introduction to Industrial Technology &amp; Engineering</td>
</tr>
<tr>
<td></td>
<td>Orientation to Construction (East &amp; Guilford only)</td>
</tr>
<tr>
<td>11</td>
<td>Orientation to Construction (East &amp; Guilford only)</td>
</tr>
<tr>
<td></td>
<td>Construction I (East and Guilford only)</td>
</tr>
<tr>
<td>12</td>
<td>Construction I (East and Guilford only) AP Physics 1</td>
</tr>
<tr>
<td></td>
<td>Construction II (East and Guilford only) AP Physics 2</td>
</tr>
<tr>
<td></td>
<td>Architectural Drafting/CAD II (Jefferson only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate’s Degree**
Associate in Applied Science Degree in Building Construction Management - Rock Valley College

**Bachelor’s Degree**
Bachelor of Arts Degree in Architecture - Judson University

**Master’s Degree**
Master of Architecture - Judson University
EMITT  ENGINEERING PATHWAY

Designing, building, and maintaining structures, devices, systems, materials, and processes through a combination of scientific, economic, social, and practical knowledge and skills in order to solve problems to improve the world around us.

POTENTIAL CAREERS IN ENGINEERING

Aerospace engineer  CAD technician  Geothermal engineer  Structural engineer
Agricultural engineer  Civil engineer  Math teacher  Survey technician
Analytical chemist  Computer programmer  Metallurgist  Systems engineer
Architectural engineer  Ecologist  Quality engineer  Electronics technician
Astrophysicist  Electrical engineer  Software engineer  Engineering technician
Biomedical engineer  Geologist  Statistician  Robotics engineer

HIGH SCHOOL PATHWAY COURSES

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</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)  Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>PLTW Intro to Engineering Design  Principles of Aerospace Science (Jefferson only)</td>
</tr>
<tr>
<td>11</td>
<td>AP Calculus  AP Chemistry  AP Physics  AP Biology  PLTW Principles of Engineering Design</td>
</tr>
<tr>
<td>12</td>
<td>AP Calculus  AP Chemistry  AP Physics  AP Biology  PLTW Civil Engineering &amp; Architecture (East only)  PLTW Environmental Sustainability (Guilford only)  PLTW Digital Electronics (Auburn only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate’s Degree**
Associate in Engineering Science  - Rock Valley College

**Bachelor’s Degree**
Bachelor of Science in Mechanical Engineering  - Northern Illinois University

**Master’s Degree**
Master of Science in Electrical Engineering  - Northern Illinois University
MANUFACTURING OPERATIONS PATHWAY

Producing finished goods from raw materials, components, or parts using machinery and workers in order to meet customer’ expectations.

POTENTIAL CAREERS IN MANUFACTURING OPERATIONS

Assembler
Boilermaker
Design engineer
Environmental engineer
Freight, stock and material mover

Health and safety rep
Quality control technician
Industrial machinery mechanic
Inspector
Labor relations manager

Manufacturing technician
Pattern and model maker
Header operator
CNC programmer
SPS coordinator
Traffic manager

Welder
Precision machinist
Foundry worker
Tool and die maker
Tool buyer

HIGH SCHOOL PATHWAY COURSES

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<td>Introduction to Industrial Technology &amp; Engineering</td>
</tr>
<tr>
<td>11</td>
<td>PLTW Introduction to Engineering Design</td>
</tr>
<tr>
<td></td>
<td>Orientation to Manufacturing (Jefferson only)</td>
</tr>
<tr>
<td></td>
<td>Fabrication I (Jefferson, Auburn and Guilford only)</td>
</tr>
<tr>
<td>12</td>
<td>Fabrication II and III (Jefferson, Auburn and Guilford only)</td>
</tr>
<tr>
<td></td>
<td>Machine Tool I and II (Jefferson only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

Certifications
Manufacturing Engineering Technology Certificates
- Rock Valley College

Associate’s Degree
Associate in Applied Science Degree in Manufacturing Engineering Technology
- Rock Valley College

Bachelor’s Degree
Bachelor of Science in Technology (Manufacturing Engineering Technology)
- Northern Illinois University

Master’s Degree
Master of Science in Industrial and Systems Engineering
- Northern Illinois University
EMITT SKILLED TRADES PATHWAY

Installing, maintaining, and repairing buildings, equipment, machinery, and electronics.

POTENTIAL CAREERS IN SKILLED TRADES

<table>
<thead>
<tr>
<th>Position</th>
<th>Occupation</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenter</td>
<td>Meter installer/technician</td>
<td>Instrument calibration</td>
</tr>
<tr>
<td>Contractor</td>
<td>Plumber</td>
<td>Fixture designer</td>
</tr>
<tr>
<td>Electrician</td>
<td>Pipefitter</td>
<td>Maintenance technician</td>
</tr>
<tr>
<td>Industrial electrician</td>
<td>Roofer</td>
<td>Mason</td>
</tr>
<tr>
<td>Instrument control technician</td>
<td>Communications systems installer</td>
<td>Painter</td>
</tr>
<tr>
<td>Field service technician</td>
<td>Drywall installer</td>
<td>Sheet metal worker</td>
</tr>
<tr>
<td>Major appliance repair</td>
<td>Industrial machinery mechanic</td>
<td>Project manager</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td>10</td>
<td>Introduction to Industrial Technology &amp; Engineering</td>
</tr>
<tr>
<td>11</td>
<td>Orientation to Manufacturing (Jefferson only)</td>
</tr>
<tr>
<td>12</td>
<td>Fabrication II and III (Jefferson, Auburn and Guilford only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

Certifications (combination of classes and work experience)

Assembly Line Welder Certificate
- Rock Valley College

Electrician Apprenticeship Certificate
- Rock Valley College

Sheet Metal Apprenticeship Certificate
- Rock Valley College

Welding Certificate
- Rock Valley College
TRANSPORTATION TECHNOLOGY PATHWAY

Coordinating and carrying out the movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services.

POTENTIAL CAREERS IN TRANSPORTATION TECHNOLOGY

<table>
<thead>
<tr>
<th>Airplane pilot/co-pilot</th>
<th>Safety analyst</th>
<th>International logistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avionics technician</td>
<td>Transportation manager</td>
<td>Marine captain</td>
</tr>
<tr>
<td>Customs inspector</td>
<td>Urban planner</td>
<td>Road construction worker</td>
</tr>
<tr>
<td>Facility engineer</td>
<td>Air traffic controller</td>
<td>Storage and distribution manager</td>
</tr>
<tr>
<td>Industrial and packaging engineer</td>
<td>Cargo and freight agent</td>
<td>Truck driver</td>
</tr>
<tr>
<td>Locomotive engineer</td>
<td>Environmental manager</td>
<td>Warehouse manager</td>
</tr>
<tr>
<td>Port manager</td>
<td>Industrial equipment mechanic</td>
<td></td>
</tr>
</tbody>
</table>

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Principles of Aerospace (Jefferson and Auburn only)</td>
</tr>
<tr>
<td></td>
<td>Orientation to Transportation (Jefferson and Auburn only)</td>
</tr>
<tr>
<td></td>
<td>Introduction to Industrial Technology &amp; Engineering</td>
</tr>
<tr>
<td>11</td>
<td>Automotive Technology I (Auburn and Jefferson only)</td>
</tr>
<tr>
<td></td>
<td>Principles of Aerospace (Jefferson only)</td>
</tr>
<tr>
<td></td>
<td>Unmanned Aerospace Systems (Jefferson only)</td>
</tr>
<tr>
<td>12</td>
<td>Automotive Technology II (Auburn and Jefferson only)</td>
</tr>
<tr>
<td></td>
<td>Flight I (Jefferson only)</td>
</tr>
</tbody>
</table>

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

<table>
<thead>
<tr>
<th>Associate’s Degree</th>
<th>Bachelor’s Degree</th>
<th>Master’s Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Applied Science Degree in Automotive Service Technology - Rock Valley College</td>
<td>Bachelor of Science in Technology - Northern Illinois University</td>
<td>Master of Science in Mechanical Engineering - Northern Illinois University</td>
</tr>
</tbody>
</table>
Planing, managing and providing education and training services, and related learning support services.

**POTENTIAL CAREERS IN EDUCATION AND CHILD DEVELOPMENT**

<table>
<thead>
<tr>
<th>Position</th>
<th>Education and Care</th>
<th>Position</th>
<th>Education and Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrator</td>
<td>Speech-language pathologist</td>
<td>Coach</td>
<td>Clinical psychologist</td>
</tr>
<tr>
<td>Career tech administrator</td>
<td>Assessment specialist</td>
<td>Early childhood teacher</td>
<td>Curriculum developer</td>
</tr>
<tr>
<td>College/university faculty</td>
<td>Child care worker</td>
<td>Middle school teacher</td>
<td>Principal</td>
</tr>
<tr>
<td>Early childhood teacher</td>
<td>Counselor</td>
<td>High school teacher</td>
<td></td>
</tr>
<tr>
<td>Middle school teacher</td>
<td>Elementary teacher</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High school teacher</td>
<td>Paraprofessional</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HIGH SCHOOL PATHWAY COURSES**

<table>
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<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Child Development</td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>11</td>
<td>Child Development</td>
</tr>
<tr>
<td></td>
<td>Student Leadership</td>
</tr>
<tr>
<td></td>
<td>AP Psychology</td>
</tr>
<tr>
<td></td>
<td>Education and Childcare Careers</td>
</tr>
<tr>
<td>12</td>
<td>Student Leadership</td>
</tr>
<tr>
<td></td>
<td>AP Psychology</td>
</tr>
<tr>
<td></td>
<td>Education Psychology/Intro to Teaching*</td>
</tr>
</tbody>
</table>

(s) = semester  * = Articulated credit with Rockford University

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate’s Degree</td>
<td>Associate of Applied Science in Early Childhood Education</td>
</tr>
<tr>
<td></td>
<td>- Rock Valley College</td>
</tr>
<tr>
<td></td>
<td>- Rasmussen College</td>
</tr>
<tr>
<td>Bachelor’s Degree</td>
<td>Bachelor of Science or Bachelor of Arts in Education</td>
</tr>
<tr>
<td></td>
<td>- Rockford University</td>
</tr>
<tr>
<td></td>
<td>- Northern Illinois University</td>
</tr>
<tr>
<td>Master’s Degree</td>
<td>Master of Science in Education</td>
</tr>
<tr>
<td></td>
<td>- Northern Illinois University</td>
</tr>
<tr>
<td></td>
<td>Master of Arts in Teaching</td>
</tr>
<tr>
<td></td>
<td>- Rockford University</td>
</tr>
</tbody>
</table>
Providing social support such as counseling and mental health services, family and community services, personal care, and consumer services.

**POTENTIAL CAREERS IN HUMAN SERVICES**

| Adult day care worker | Residential advisor | Mental health counselor |
| Community service director | Social worker | Religious leader |
| Emergency relief worker | Substance abuse counselor | Sociologist |
| Geriatric services worker | Career counselor | Rehabilitation counselor |
| Counselor | Volunteer coordinator | |
| Psychologist | | Human services worker |

**HIGH SCHOOL PATHWAY COURSES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s) Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Psychology I Student Leadership</td>
</tr>
<tr>
<td></td>
<td>Sociology (s) World Affairs (s)</td>
</tr>
<tr>
<td>11</td>
<td>AP Psychology Student Leadership</td>
</tr>
<tr>
<td></td>
<td>Sociology (s) World Affairs (s)</td>
</tr>
<tr>
<td>12</td>
<td>AP Psychology Student Leadership</td>
</tr>
<tr>
<td></td>
<td>Sociology (s)</td>
</tr>
</tbody>
</table>

(s) = semester

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

**Associate’s Degree**
- Associate of Arts
  - Rock Valley College
  - Rasmussen College

**Bachelor’s Degree**
- Bachelor of Science or Bachelor of Arts in Psychology or Sociology
  - Rockford University
  - Northern Illinois University

**Master’s Degree**
- Master of Science in Applied Family and Child Studies
  - Northern Illinois University
Land and Resource Management Pathway (East)

Researching, designing, strategically planning, and implementing to ensure human interactions with the environment have a minimal impact and efficiently use our scarce resources.

Potential Careers in Land and Resource Management

<table>
<thead>
<tr>
<th>DOT inspector</th>
<th>Risk manager</th>
<th>Health and safety manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental compliance</td>
<td>Environmental engineer</td>
<td>Industrial hygienist</td>
</tr>
<tr>
<td>Environmental protection specialist</td>
<td>Environmental manager</td>
<td>Safety analyst</td>
</tr>
<tr>
<td>Hazardous materials manager</td>
<td>Environmental scientist</td>
<td>Ranger</td>
</tr>
<tr>
<td>Health and safety engineer</td>
<td>First responder</td>
<td></td>
</tr>
</tbody>
</table>

High School Pathway Courses

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Environmental Science</td>
</tr>
<tr>
<td></td>
<td>Earth Science – Astronomy and Meteorology (s)</td>
</tr>
<tr>
<td></td>
<td>Earth Science – Geology and Oceanography (s)</td>
</tr>
<tr>
<td></td>
<td>Horticulture</td>
</tr>
<tr>
<td>11</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td></td>
<td>Horticulture</td>
</tr>
<tr>
<td></td>
<td>Earth Science – Astronomy and Meteorology (s)</td>
</tr>
<tr>
<td></td>
<td>Earth Science – Geology and Oceanography (s)</td>
</tr>
<tr>
<td></td>
<td>AP Human Geography</td>
</tr>
<tr>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td>12</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td></td>
<td>AP Human Geography</td>
</tr>
<tr>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td></td>
<td>AP Chemistry</td>
</tr>
</tbody>
</table>

(s) = semester

Examples of Local Post-Secondary Degrees

<table>
<thead>
<tr>
<th>Associate's Degree</th>
<th>Bachelor's Degree</th>
<th>Master's Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Applied Science in Sustainable Energy Solutions - Rock Valley College</td>
<td>Bachelor of Science in Environmental Studies - Northern Illinois University</td>
<td>Master of Science in Sustainable Agriculture - Northern Illinois University</td>
</tr>
</tbody>
</table>
Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

**POTENTIAL CAREERS IN LAW AND PUBLIC SAFETY**

- Ambassador
- Bomb technician
- Combat control officer
- Criminal investigator
- Elected official
- Federal Marshall
- World service officer
- Attorney
- City manager
- Commissioner
- Court reporter
- Cryptographer
- Emergency medical technician
- Firefighter
- Military service person
- Police officer

**HIGH SCHOOL PATHWAY COURSES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Criminal Law Business and Personal Law</td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td></td>
<td>Sociology (s)</td>
</tr>
<tr>
<td></td>
<td>ROTC (Auburn only)</td>
</tr>
<tr>
<td>11</td>
<td>Business and Personal Law</td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td></td>
<td>Psychology ROTC (Auburn only)</td>
</tr>
<tr>
<td></td>
<td>Intro to Criminal Justice*</td>
</tr>
<tr>
<td>12</td>
<td>AP Comparative Government</td>
</tr>
<tr>
<td></td>
<td>AP Micro and Macro Economics</td>
</tr>
<tr>
<td></td>
<td>AP Psychology</td>
</tr>
<tr>
<td></td>
<td>Business and Personal Law</td>
</tr>
<tr>
<td></td>
<td>Intro to Crime Scene Investigation</td>
</tr>
</tbody>
</table>

(s) = semester  * = Rock Valley College Articulated Credit

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

- **Associate’s Degree**
  - Associate of Applied Science
  - Degree in Criminal Justice
  - Rock Valley College
  - Rasmussen College

- **Bachelor’s Degree**
  - Bachelor of Science Criminal Justice
  - Northern Illinois University

- **Juris Doctorate Degree**
  - Northern Illinois University
Creating, producing, building various elements for staged productions and/or cinema/film.

**POTENTIAL CAREERS IN PERFORMANCE PRODUCTION**

<table>
<thead>
<tr>
<th>Role</th>
<th>Role</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound engineer</td>
<td>Properties technician</td>
<td>Publicist</td>
</tr>
<tr>
<td>Make-up artist</td>
<td>Architect</td>
<td>Cinematographer</td>
</tr>
<tr>
<td>Director</td>
<td>Costume designer</td>
<td>Dancer</td>
</tr>
<tr>
<td>Set carpenter</td>
<td>Scenic designer</td>
<td>Esthetician</td>
</tr>
<tr>
<td>Interior designer</td>
<td>Scenic artist</td>
<td>Designer</td>
</tr>
<tr>
<td>Stage manager</td>
<td>Technical director</td>
<td>Production Manager</td>
</tr>
<tr>
<td>Master electrician</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HIGH SCHOOL PATHWAY COURSES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td>10</td>
<td>Tech Theatre I</td>
</tr>
<tr>
<td>11</td>
<td>Tech Theatre II</td>
</tr>
<tr>
<td>12</td>
<td>Advanced Theatre Seminar</td>
</tr>
<tr>
<td></td>
<td>Theatre Production</td>
</tr>
<tr>
<td></td>
<td>Semester elective (s)</td>
</tr>
<tr>
<td></td>
<td>Advanced Technical Theatre</td>
</tr>
</tbody>
</table>

(s) = semester

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

**Associate’s Degree**
- Associate of Arts Degree, Rock Valley College

**Bachelor’s Degree**
- Bachelor of Fine Arts, Design and Technology,
  - Northern Illinois University
  - Rockford University

**Master’s Degree**
- Master of Fine Arts, Design and Technology,
  - Northern Illinois University
Entertaining careers in musical and/or theatrical performance.

**POTENTIAL CAREERS IN PERFORMING ARTS**

- Actor
- Dancer
- Theatre Teacher
- Director Performer
- Vocalist
- Conductor
- Instrumentalist
- Critic
- Performer
- Vocalist
- Conductor
- Instrumentalist
- Critic
- Playwright
- Voiceover Artist
- Composer
- Dramaturg
- Music Teacher

**HIGH SCHOOL PATHWAY COURSES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar(s)</td>
</tr>
<tr>
<td>10</td>
<td>Acting I</td>
</tr>
<tr>
<td></td>
<td>Beginning Piano Keyboard</td>
</tr>
<tr>
<td>11</td>
<td>Acting II</td>
</tr>
<tr>
<td></td>
<td>Symphonic Orchestra</td>
</tr>
<tr>
<td></td>
<td>Jazz Ensemble</td>
</tr>
<tr>
<td>12</td>
<td>Acting/Directing</td>
</tr>
<tr>
<td></td>
<td>Wind Ensemble</td>
</tr>
<tr>
<td></td>
<td>Concert Choral</td>
</tr>
<tr>
<td></td>
<td>Advanced Piano Keyboard</td>
</tr>
</tbody>
</table>

(s) = semester

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

- **Associate’s Degree**
  - Associate of Arts
  - Rock Valley College

- **Bachelor’s Degree**
  - Bachelor of Fine Arts in Theatre
  - Northern Illinois University

- **Master’s Degree**
  - Master of Fine Arts in Music Performance
  - Northern Illinois University
PROVIDING SUPPORT AND SERVICES TO OTHERS TO PROMOTE HEALTHY LIVING AND A HIGHER QUALITY OF LIFE BY PROVIDING EDUCATION AND EXPERIENCES RELATING TO FITNESS, NUTRITION, ILLNESS PREVENTION, AND RECOVERY FROM INJURY OR ILLNESS.

POTENTIAL CAREERS IN FITNESS AND WELLNESS

Athletic trainer  
Coach  
Dietician  
Fitness specialist  
Fitness and wellness coach  
Teacher  
Kinesiologist  
Massage therapist  
Nutritionist  
Parenting educator  
Physical therapist  
Chiropractor  
Community health provider  
Fitness sales person  
Group fitness instructor  
Life/wellness coach  
Occupational therapist  
Personal trainer  
Recreational therapist  

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
</table>
| 9     | Freshman Seminar(s)  
|       | Semester elective(s) |
| 10    | Exercise Science I  
|       | Introduction to Health Care Occupations |
| 11    | Exercise Science II  
|       | Lifeguarding/Water Safety  
|       | Introduction to Health Care Occupations |
| 12    | Lifeguarding/Water Safety  
|       | Introduction to Health Care Occupations  
|       | AP Biology  
|       | AP Chemistry  
|       | Anatomy & Physiology |

(s) = semester

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

**Associate’s Degree**

Associate of Applied Science in Fitness, Wellness and Sports  
- Rock Valley College

**Bachelor’s Degree**

Bachelor of Science in Athletic Training  
- Northern Illinois University

**Master’s Degree**

Master of Science in Nutrition and Dietetics  
- Northern Illinois University

**Advanced Degrees**

Doctor of Physical Therapy (DPT)  
- Northern Illinois University
Providing direct or indirect care for patients through planning, managing, and providing therapeutic services, diagnostic services, and business operations and support.

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td>10</td>
<td>Introduction to Health Care Occupations</td>
</tr>
<tr>
<td>11</td>
<td>Medical Science I ~</td>
</tr>
<tr>
<td></td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>12</td>
<td>Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>Introduction to Health Care Occupations</td>
</tr>
<tr>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td></td>
<td>AP Chemistry</td>
</tr>
</tbody>
</table>

(s) = semester  ~ = Off campus course/application required

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

<table>
<thead>
<tr>
<th>Associate’s Degree</th>
<th>Bachelor’s Degree</th>
<th>Master’s Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Applied Science Degree in Respiratory Care</td>
<td>Bachelor of Science Health Information Management</td>
<td>Master of Public Health</td>
</tr>
<tr>
<td>- Rock Valley College</td>
<td>- Northern Illinois University</td>
<td>- Northern Illinois University</td>
</tr>
</tbody>
</table>
MEDICAL AND HEALTH SCIENCES PATHWAY

Healing others through the diagnosis, treatment, and prevention of disease and injuries.

POTENTIAL CAREERS IN MEDICAL HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Biomedical engineer</th>
<th>Physician</th>
<th>Radiation therapy technologist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletic trainer</td>
<td>Veterinarian</td>
<td>Nurse</td>
</tr>
<tr>
<td>Dental laboratory technician</td>
<td>Biomedical equipment technician</td>
<td>Neurologist</td>
</tr>
<tr>
<td>Medical records technician</td>
<td>Clinical laboratory technician</td>
<td>Dermatologist</td>
</tr>
<tr>
<td>Pharmacist</td>
<td>Surgeon</td>
<td>Anesthesiologist</td>
</tr>
</tbody>
</table>

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s) Semester elective (s)</td>
</tr>
<tr>
<td>10</td>
<td>Zoology Introduction to Health Care Occupations</td>
</tr>
<tr>
<td>11</td>
<td>Medical Science I ~ Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>Medical Terminology Zoology</td>
</tr>
<tr>
<td></td>
<td>AP Chemistry AP Biology</td>
</tr>
<tr>
<td></td>
<td>Introduction to Health Care Occupations</td>
</tr>
<tr>
<td>12</td>
<td>Anatomy &amp; Physiology AP Biology</td>
</tr>
<tr>
<td></td>
<td>AP Chemistry Introduction to Health Care Occupations</td>
</tr>
</tbody>
</table>

(s) = semester  ~ = Off campus course/application required

EXAMPLES OF LOCAL POST-SECONDARY DEGREES

<table>
<thead>
<tr>
<th>Associate’s Degree</th>
<th>Bachelor’s Degree</th>
<th>Advanced Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate of Science in Nursing - Rock Valley College</td>
<td>Bachelor of Science in Medical Laboratory Sciences - Northern Illinois University</td>
<td>Doctor of Pharmacy or Doctor of Medicine - University of Illinois College of Medicine at Rockford</td>
</tr>
</tbody>
</table>
TRADITIONAL DIPLOMA

- To receive a traditional diploma at commencement, a student must meet all requirements at the time of graduation. Students not receiving diplomas are not permitted to participate in the commencement ceremony; exceptions include foreign exchange students and students receiving special education services (those continuing school until the day before the 22nd birthday).

- A Rockford Public School student transferring from one RPS high school to another during his or her senior year must complete the entire last semester of his or her senior year in the “new” school to receive a diploma issued from that building.

- Students transferring in to a RPS high school without a transcript from a North Central accredited agency must complete the entire two semesters prior to graduation at a RPS high school to receive a diploma from Rockford Public Schools.

- Graduation requirements for students receiving special education services are governed by Board of Education policy 8.13. During the student’s 9th grade annual review, the special education team must determine the student’s projected year of high school graduation and the plan the student will use to graduate: 1) standard district graduation plan; 2) modified district graduation plan or 3) alternative graduation plan as per the individualized educational program.

- Students who complete the graduation requirements during the summer (by August 1) following their graduating class will be issued a diploma dated June of that year. Students who fulfill requirements after the August 1 deadline will be issued a diploma dated June of the following year.

- Seniors are recognized for valedictory and salutatory distinctions as well as cum laude (3.50 – 3.7499), magna cum laude (GPA of 3.75 – 3.999) and summa cum laude (GPA of 4.0 or above) based upon the cumulative grade point average of eight semesters.

- Rockford Public School graduation ceremonies are formal ceremonies; students must adhere to dress and behavior codes. All fees must be paid, in full, by the established deadline to participate in the commencement ceremony.

EARLY GRADUATION

- A student planning to complete graduation requirements before eight semesters may apply for early graduation by submitting a written rationale and completing an early graduation plan prior to the requested graduation year. The application must be signed by the student’s parent or guardian, counselor and building principal before submitting to the superintendent for consideration. Eligible students must meet all credit and course requirements applicable to their four-year senior class. Early graduates will not be considered for distinctions of valedictorian, salutatorian, or top twenty-five students of the graduating class. The early graduate’s class rank remains at junior status. All early graduates will be included in senior activities.
## Graduation Requirements

<table>
<thead>
<tr>
<th>Academic Area</th>
<th>2016-2019 District 205 Graduation Requirements</th>
<th>Illinois State Board of Higher Education Requirements</th>
<th>Highly Selective Colleges and Universities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 years (8 credits)</td>
<td>4 years</td>
<td>4 years</td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>3 years (6 credits)</td>
<td>3 years Algebra and Geometry</td>
<td>3-4 years</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>3 years (6 credits)</td>
<td></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Social Science</strong></td>
<td>3 years (6 credits)</td>
<td></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>PE/Health</strong></td>
<td>PE – 3.5 years (7 credits)</td>
<td>1 Semester</td>
<td></td>
</tr>
<tr>
<td><strong>Fine Arts, Foreign Language, CTE</strong></td>
<td>2 year (4 credits)</td>
<td>1 Year</td>
<td></td>
</tr>
<tr>
<td><strong>Other Electives</strong></td>
<td>Electives to achieve total credits required by Board Policy</td>
<td>Varies</td>
<td></td>
</tr>
<tr>
<td><strong>AP Course/ Dual Credit</strong></td>
<td>At least one AP or Dual Credit Course in any subject area is strongly encouraged.</td>
<td>AP or Dual Credit Courses area strongly encouraged.</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>48 Credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CLASSIFICATION BY GRADE LEVEL

Calculated at the beginning of each school year.

<table>
<thead>
<tr>
<th>1st year in 9th grade</th>
<th>Freshman</th>
<th>Sophomore</th>
<th>Senior</th>
<th>Junior</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013 or later</td>
<td>0-11</td>
<td>12-23</td>
<td>34+</td>
<td>24-33</td>
</tr>
</tbody>
</table>
## SAMPLE: Four Year High School Plan

**ACADEMY CHOICE:** BAMIT  
**CAREER PATHWAY:** ACCOUNTING/FINANCE

<table>
<thead>
<tr>
<th>Grade</th>
<th>English/LA</th>
<th>Math</th>
<th>Science</th>
<th>Social Science</th>
<th>PE/Health</th>
<th>Pathway Electives</th>
<th>General Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English 9</td>
<td>Algebra 1</td>
<td>Biology</td>
<td>World History</td>
<td>PE</td>
<td>Freshmen Seminar Intro to Art &amp; Design</td>
<td>Spanish 1</td>
</tr>
<tr>
<td>10</td>
<td>Honors English 10</td>
<td>Geometry</td>
<td>Chemistry</td>
<td>Intro to Acting/Intro to Tech Theatre</td>
<td>PE/Health</td>
<td>Accounting I (Year 1 pathway elective)</td>
<td>Spanish 2</td>
</tr>
<tr>
<td>11</td>
<td>AP English Language &amp; Composition</td>
<td>Algebra 2</td>
<td>AP Biology</td>
<td>AP US History</td>
<td>PE</td>
<td>Accounting II (Year 2 pathway elective)</td>
<td>Spanish 3</td>
</tr>
<tr>
<td>12</td>
<td>AP English Literature &amp; Composition</td>
<td>(this student has fulfilled the math graduation requirement and now has some flexibility in their schedule to take another math course or any elective)</td>
<td>(this student has fulfilled the science graduation requirement and now has some flexibility in their schedule to take another math course, science course or any elective)</td>
<td>Government/Economics</td>
<td>PE</td>
<td>Accounting III (year 3 pathway elective)</td>
<td>Tech Theatre 1</td>
</tr>
</tbody>
</table>

## POST-SECONDARY OPTIONS

- **On the Job Training**
- **Military**
- **Certification**
- **Associates Degree**
- **Bachelor Degree**
- **Advanced Degree**
Maximizing the opportunity for each student to reach his or her potential is one of our organizational goals. Four key areas are nationally and statistically proven indicators of student achievement and success beyond high school: Literacy, Numeracy, College and Career Readiness, and Attainment.

We will measure these benchmarks annually, adjust curriculum and instruction as needed, and keep climbing toward student success for all.

**LITERACY**

The ability to read proficiently by the end of third grade is a critical benchmark that sets a child up for success in school and life.

**NUMERACY**

The ability to develop logical thinking and reasoning strategies in our daily lives is directly connected to our ability to confidently and effectively use mathematics.

**COLLEGE AND CAREER READINESS**

Academies help prepare our students for life after high school by using small learning communities, college and career prep curriculum, and partnerships with local businesses and organizations. All students in K-12 will develop a college and career readiness portfolio.

All students complete at least one of the following:

- Score a 3 or higher on an AP test
- Complete a course for dual credit with a C or better
- Earn a nationally recognized certification/license
- Create a senior Capstone project
- Attain a Silver ranking or better on the National Career Readiness Certification Performance

**ATTAINMENT**

Our vision is helping all of our students reach their academic and personal goals. Tracking key indicators from Pre-K-12th grade will help us keep our students on track for graduation.

100% of students graduate from high school

Grades 9-12: Students earn at least 12 credits per year and graduate in 4 years.
KINDERGARTEN – GRADE 5
• Can I demonstrate self-management skills to achieve school and life success?
• Can I demonstrate skills and ways to maintain positive relationships?
• Can I demonstrate decision-making skills and responsible behaviors in school and the community?

GRADE 6 – WHERE DO I FIT IN?
• Complete a middle school transition assessment
• Conduct a personal learning style/personality inventory

GRADE 7 – WHAT ARE MY KEY RESPONSIBILITIES AS A MIDDLE AND HIGH SCHOOL STUDENT?
• Identify appropriate school/workplace behaviors
• Explore internet safety and responsibility

GRADE 8 – HOW DO I PREPARE FOR HIGH SCHOOL?
• Conduct a personal interest inventory
• Attend and engage in a high school visit
• Develop a personal budget

GRADE 9 – WHAT IS MY RPS ACADEMY AND PATHWAY?
• Attend and engage in the Academy Expo
• Complete an employment research project
• Attend a community college visit
• Complete a post-secondary education research project

GRADE 10 – WHAT IS MY PLAN FOR AFTER HIGH SCHOOL?
• Attend and engage in a business site visit
• Attend and engage in a university visit
• Develop a post-high school plan and budget

GRADE 11 – HOW DO I MARKET MYSELF?
• Engage in college admission standardized test preparation
• Compose a college essay/personal statement
• Attend and engage in a college fair
• Complete a job application
• Participate in a mock interview

GRADE 12 – WHAT IS MY NEXT STEP AFTER GRADUATION?
• Complete a college/post-secondary application
• Apply for financial aid/scholarships
• Create a resume
# Student Fees

The following fee schedule, as passed by the RPS 205 Board of Education, is subject to change:

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Consumable Lab Fee</td>
<td>$100.00</td>
<td>Includes all instructional supplies, materials, and workbooks for core courses (English, Science, Social Studies, Math &amp; P.E.), and lock fees.</td>
</tr>
<tr>
<td>*Textbook Deposit (refundable)</td>
<td>$25.00</td>
<td></td>
</tr>
<tr>
<td>**Athletic Admission Fee</td>
<td>$20.00</td>
<td>Allows attendance to District regular season athletic events.</td>
</tr>
<tr>
<td>**Parking Fee</td>
<td>$60.00</td>
<td></td>
</tr>
<tr>
<td>Athletic/Activity Participation Fee (per activity)</td>
<td>$100.00</td>
<td>Required for all students participating in clubs with IHSA sanctioned events, pom and spirit squads.</td>
</tr>
<tr>
<td>Band/Orchestra/Chorus/Choir</td>
<td>$25.00</td>
<td>Includes instructional supplies, materials, and workbooks</td>
</tr>
<tr>
<td>Art/ CAPA Art</td>
<td>$25.00</td>
<td>Includes instructional supplies, materials, and workbooks</td>
</tr>
<tr>
<td>Choral/Drama/CAPA Drama</td>
<td>$25.00</td>
<td>Includes instructional supplies, materials, and workbooks</td>
</tr>
<tr>
<td>CAPA Graphic Design</td>
<td>$25.00</td>
<td>Includes instructional supplies, materials, and workbooks</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>$12.00</td>
<td></td>
</tr>
<tr>
<td>Vocational/Career &amp; Technical Education</td>
<td>$5.00 - $45.00</td>
<td></td>
</tr>
<tr>
<td>Vocational (capstone)</td>
<td>$15.00 - $60.00</td>
<td></td>
</tr>
<tr>
<td>Driver Education (Behind the wheel)</td>
<td>$250.00</td>
<td>Only required for students renting an instrument from the District.</td>
</tr>
<tr>
<td>Musical Instrumental Rental</td>
<td>$60.00</td>
<td>Only required for students renting an instrument from the District.</td>
</tr>
<tr>
<td>**Summer School Tuition</td>
<td>$170.00</td>
<td>Out of district - $300.00</td>
</tr>
<tr>
<td>**Night School Classes</td>
<td>$170.00</td>
<td>In District – $320 for 2 classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Out of District – $250 for 1 class/$425 for 2 classes</td>
</tr>
<tr>
<td>P.E.</td>
<td>Varies per course</td>
<td></td>
</tr>
<tr>
<td>Lifeguard/water safety</td>
<td>$35.00</td>
<td></td>
</tr>
<tr>
<td>CISCO</td>
<td>$40.00</td>
<td></td>
</tr>
<tr>
<td>AP Exam</td>
<td>$89.00</td>
<td>Fees may be reduced for students receiving free/reduced lunch assistance.</td>
</tr>
<tr>
<td>Accounting</td>
<td>Varies by course</td>
<td></td>
</tr>
<tr>
<td>Virtual Learning Courses</td>
<td>Varies by course</td>
<td></td>
</tr>
<tr>
<td>***Dual Enrollment Courses</td>
<td>Varies by course</td>
<td>Students are responsible for all registration and student fees. Depending on the program, students may also be responsible for tuition and textbooks.</td>
</tr>
</tbody>
</table>

* Required Fees
** Fees cannot be waived
*** Dual Enrollment includes but is not limited to RVC Dual Credit, CEANCI: Advance Now, CISCO and Regional programs.

Capstone – higher level vocational classes (juniors and seniors)
ADD-DROP POLICY

Each building’s master schedule and every student schedule is created based upon students’ course selections. Each student’s course selection impacts the master schedule for the next school year. Teacher allocations and the number of course sections offered are determined by student course selections. Therefore, when students make their course selections, it is understood that their schedules will reflect their selections and will not be changed.

COURSE CHANGES WILL ONLY BE CONSIDERED BASED ON THE FOLLOWING:

- Seat availability
  - Caps on class sizes exist per the REA collective bargaining agreement and OSHA regulations
- Lack of prerequisites
  - Student needs to earn credit in a lower level course
- Course credit earned
  - Student has earned credit after making course selection
- Data entry error
  - Student was assigned to an incorrect course
- Graduation requirements
  - See page 25
- College entrance requirements
  - Student must provide documentation from the college
- Inappropriate academic placement
  - In order to drop to a lower level, a student must provide evidence that an effort has been made to succeed in a particular class.
  - In order to move to a higher level, an agreement between the student and teacher must be reached.
  - Students are responsible for obtaining signatures and the proper routing of Academic Placement Change Form.
- Documented medical condition approved by Health Services Supervisor
- Administrative corrective strategy
  - The discipline code specifies that a code violation can result in a schedule change intervention.

IMPACT ON GRADES:

- The student’s current grade transfers to the new course.
- Changes made within the first 10 days of a semester can be made with no penalty.
- Changes requested after 10 days and before 25 days will result in a W (withdrawal) recorded on the transcript for the dropped course. This will not have a negative impact on the GPA and no credit will be awarded.
- Changes requested after 25 days will result in a WF (withdrawal-fail) recorded on the transcript for the dropped course. This will translate as an “F” in the calculation of the GPA and no credit will be awarded.
- Changes requested due to a documented medical condition, approved by the Health Services Supervisor, will result in a WM (withdrawal-medical) for the dropped course. This will not have a negative impact on the GPA and no credit will be awarded.

The master schedule is developed by the selections students make. Once the master schedule is finalized for a school, it will not be possible to make any adjustments to student course requests.

- Once the master schedule has been established, first semester AND second semester there will be no schedule changes.
- Every student is required to attend school per School Board policy.
- Students enrolled in a specialty program (Sign Language, JROTC, Gifted, CAPA, Building Trades, or Machine Tool) are required to adhere to the specific program requirements and the courses of study. Failure to meet the program requirements will result in an immediate transfer to the high school located in the student’s residential zone.
RETAKING A FAILED CORE COURSE

Students shall be given one additional opportunity to retake failed core courses that are required for graduation. Students may retake failed core courses as current allocations allow at the student’s serving school. Seniors will be given first priority. Students who fail required courses shall receive counseling to explore all appropriate options to recover failed credits. All subsequent attempts to receive credit for the course will be at the student’s expense through night school, summer school, or virtual learning courses.

NIGHT SCHOOL HIGH

Rockford Public Schools offers an evening high school program at Roosevelt Community Education Center where students may retake failed courses required for graduation. Students may enroll in one or two courses each semester. School principal approval is required for registration. Night school is a tuition-based program. Course availability is subject to enrollment.

SUMMER SCHOOL

Summer School is a tuition-based program that offers students the opportunity to complete new or recovery courses. Course offerings are limited to those required for graduation. Students may enroll in one or two courses each summer. A list of course offerings will be available in the spring.

CORRESPONDENCE AND VIRTUAL LEARNING COURSES

Correspondence and Virtual Learning Courses may be taken for credit recovery, core course overflow or elective courses. Students may be allowed to take virtual classes from an accredited institution with the approval of the student’s counselor and principal prior to enrollment in the course. The student’s counselor and principal must approve courses prior to enrollment. Students are responsible for all charges including fees and proctoring costs.

FINAL EXAMINATIONS

Final examinations are given in all subject areas. Dates and times are announced several weeks prior to the end of each semester. The final examination may count up to 20% of the semester grade.

TESTING AND ASSESSMENT SCHEDULE

As part of the Rockford School District’s overall assessment program, all students participate in the SAT Suite at grades 9, 10, and 11. The SAT Suite provides consistent feedback across assessments to help students stay on course and supports teachers as they adjust their instruction for students who are either ahead or behind. In 10th grade, the NMSQT may qualify students as National Merit Scholars. TBE and TPI students may also participate in the ACCESS assessment.

For more information on the SAT Suite, please visit: collegereadiness.collegeboard.org/about

HONOR ROLL

To qualify for Honor Roll, students must have a GPA of 3.0 for at least five classes and have no failing grades.

NATIONAL HONOR SOCIETY

The purpose of the National Honor Society is to recognize and reward enthusiasm for scholarship, development of character, promotion of leadership, and rendering of service for students of secondary schools. Membership is a prestigious honor bestowed upon a student. Candidates will be invited to apply if they meet the criteria of the organization including having a cumulative grade point average of 3.250 and exhibiting outstanding character, leadership, and service as well as scholarship. Candidates complete a student activity information form. Any faculty member may offer input. Candidates receiving a majority vote of the faculty and/or appointed faculty representative committee are inducted into the N.H.S.
ACADEMIC COURSES/ HONORS COURSES

• Academic Courses: Academic courses (English, Math, Science, Social Studies) are designed to prepare students for success in college and career opportunities after high school. Students in these courses receive curriculum aligned to Illinois State Standards. Students who show high levels of success may be able to move to an Honors / Advanced course level in the future.

• Honors / Advanced: Honors / Advanced courses are designed to allow students to participate in college-level experiences during high school. Students in Honors / Advanced courses receive the core curriculum with additional rigor and extra opportunities for enrichment. Course rigor is ensured by applying an Honors rubric or College Board guidelines to course curricula. Honors courses traditionally lead into an Advanced Placement course.

ADVANCED PLACEMENT COURSES

• Advanced Placement (AP) courses are college level classes that are taken in high school. Rockford Public School students who enroll in AP courses are expected to take the Advanced Placement Exams that are administered through the high school and scored by the AP College Board.

Participation in an AP course:

• Prepares students for college success including improved GPAs, more credit hours earned, increased likelihood of remaining in college after freshman year, and increased likelihood of graduating in 4 years.

• Involves more homework, since class time is more focused on active participation: discussion, labs, debates, etc.

• May require summer reading or assignments to prepare for starting the course.

The following requirements also apply:

• Students are required to pay the AP exam fees. Financial assistance is available to students with financial need.

• Students who earn passing grades for AP courses from Rockford Public Schools and complete the appropriate AP exams will be awarded quality points that contribute to GPA and the decision of class rank. Quality points are awarded each semester.

• Make-up exams follow AP College Board regulations including a fee for late testing.

Good performance on AP exams may earn students one or more of the following:

• Special consideration from colleges/universities to which he/she applies;

• College placement at a more advanced level than usual in the specific subject area of the exam;

• College credits (Each college/university has its own policy on advanced placement and the issuing of credit).

• Illinois public universities recognize 3 or higher for college credit.

DUAL CREDIT COURSES

Students may take approved courses at select post-secondary institutions to receive college credit and credit toward high school graduation. Students must meet the college/university entrance requirements. A formal application must be completed and approved by the student’s school counselor and the building principal each semester a student takes a Dual Credit class. For most dual credit courses, tuition, fees and books are the responsibility of the student and their family. A transcript from the college/university must be submitted at least ten days before graduation or within one month of completion of the course, whichever is applicable. Please refer to the Dual Credit section of this guide, or see your school counselor for a list of dual credit classes.

WORK PERMITS

Work permit forms are available in the Counseling Office or Main Office. Students under 16 must have a 2.0 grade point average to apply.
POST-SECONDARY PLANNING

Requirements for college admissions vary from school to school. In addition to specific course requirements, colleges consider high school grades and college admission test scores (American College Test or Scholastic Aptitude Test). Many colleges are especially concerned about the student’s senior year. Therefore, seniors should be sure to plan a challenging program for their final year in high school. To learn the admission requirements of a particular school, students should work with their school counselor or check the current college website for accurate information about courses, grades, rank, and recommendation requirements. The personal recommendation required by some colleges includes input from school personnel on such characteristics as ability, motivation, and responsibility. It also may include a statement about participation and leadership in extracurricular activities. One of the most heavily weighed areas of consideration in the college admission process is the rigor of the student’s high school academic record. Close scrutiny is given in assessing if the student took the most challenging courses possible. Colleges place emphasis on the high school grades which a student has earned because these grades are the best predictors of success in college.

FINANCIAL AID AND SCHOLARSHIPS

We encourage families to work with our staff to thoroughly explore all financial aid and scholarship opportunities available. Financial Aid Information Sessions are planned throughout the school year. Families are strongly encouraged to attend.

POST-SECONDARY REPRESENTATIVES

Each year admissions representatives from colleges, universities, trade schools, business schools, the military, and various community organizations visit School Counseling Offices to meet with students and present opportunities that are available to students after high school. A calendar of all such visits is posted in or near each School Counseling Office. Students are encouraged to make appointments with representatives to explore post high school options. Please note: teacher permission is required in order to attend appointments during class time.

COUNSELING SERVICES

The Rockford School District’s Counseling Program supports teaching and learning by assuring that all students achieve academic success and develop life skills through the acquisition of academic, career, and personal/social competencies, which will prepare them to be contributing members of a diverse and ever-changing society. The Rockford High School Counseling Program is based on the National Standards for School Counseling Programs and the American School Counselor Association (ASCA) National Model.

Credentialed school counselors provide comprehensive school counseling programs that incorporate prevention and intervention activities through school-wide assemblies and activities, classroom lessons, individual counseling, and collaboration with outside community resources. Counselors also assist students in ensuring they meet high school graduation requirements. School counseling programs are comprised of three domains:

Academic Development:
- Acquiring the attitudes, knowledge, and skills that contribute to effective learning in school and in life;
- Completing school with the academic preparation essential to choose from a range of post-secondary options;
- Understanding the relationship between academic success and future educational options

Career Development:
- Acquiring the skills to investigate career choices in relation to self-knowledge and current job trends;
- Understanding relationships between personal qualities, educational and training opportunities and careers;
- Learning decision making strategies for future career choices.
PERSONAL/SOCIAL DEVELOPMENT

• Acquiring attitudes, knowledge and interpersonal skills to help students understand & respect self and others;
• Making decisions, setting goals and taking necessary action to achieve goals;
• Applying effective problem-solving and conflict resolution skills to make safe and healthy choices.

A student’s right to privacy and confidentiality is the basis for an effective counseling relationship. Confidentiality ensures that school counselors will not share the student’s disclosures with others except when the student authorizes it or when there is a clear and present danger to the student and/or to other persons.

Parents and students are encouraged to make use of each school’s counseling services. Students should see counselors after obtaining a pass from their teacher. Parents should call in advance to make an appointment.

LIBRARY SERVICES

The library is an extension of the classroom. To become effective users of information, students will have many opportunities to locate, interpret, analyze, evaluate and communicate information. The classroom teacher and library media specialist work closely together to identify learning needs of students and support those needs. The following services are available in the library:

• Access to Print Resources: the high school library has books, newspapers and magazines available to students. Students may access the Destiny Online Library catalog from school or home to locate these print resources for curricular needs or reading enjoyment and may check them out as needed.
• Electronic Databases: each library has access to online databases through the district web site. These databases are accessible to students from school or home and the librarian will help students learn how to use these effectively. They provide scholarly, reliable resources for students to use for research.
• Instructional Support: Librarians provide materials and resource lists to students and teachers to support curricular needs of the classroom including books placed on reserve, access to textbooks, and supplemental readings.
• Access to Technology: Libraries have computers available for student use during class time and study hall/lunch periods. All individuals wishing access to computers must have an Authorization for Internet Access (AUP) on file.
Health Services

HEALTH AND DENTAL EXAMINATIONS AND IMMUNIZATIONS

Rockford Public Schools require that all children show proof of having had a health examination and required immunizations PRIOR to the first day of school. (Board Policy 7.100 and 105 ILCS 5/27-8.1).

HEALTH EXAMINATIONS

A student must have a physical examination within one year prior to entering:
- Ninth Grade
- Any student new to the school district must meet requirement within 30 days of enrollment

VISION EXAMINATIONS

Public Act 95-0671 requires eye exams within one year prior to Kindergarten entry, and for all students who enter a public, private, or parochial school in Illinois for the first time. The exam must be conducted by a qualified optometrist or ophthalmologist. Proof of the required eye exam must be submitted by the first day of school.

IMMUNIZATIONS

Students must show proof of basic immunization and required boosters for Diphtheria, Tetanus, Pertussis, Polio, Red Measles, Mumps, Rubella, **Haemophilus Influenza Type B (pre-school), **Hepatitis B (pre-school, 5-12th grades), Varicella and Meningitis.

OBJECTIONS

Children whose parents or legal guardians object to health and vision exams or to the required immunizations may submit a letter explaining their religious beliefs and request an exemption to the law.

NEW STUDENTS

If a student enters the district from out of state, parents or legal guardians have 30 days to comply with the above requirements, regardless of age.

The required health examinations and immunizations may be obtained at the local health department, clinic, or doctor’s office of choice.

HEARING AND VISION SCREENING

Hearing screening services shall be provided annually for all students in any special education class; have been referred by a teacher or parent; or are transfer students. In lieu of the screening services required, a completed and signed report form, indicating that the child has had an ear examination by a physician and an audiological evaluation completed by an audiologist within the previous 12 months, is acceptable. If a hearing examination report or audiological evaluation is not on file at the school, your child, in the mandated age, grade, or group will be screened. “The parent or legal guardian of a student may object to hearing screening tests for their children on religious grounds.” (23 Ill.Admin.Code 675.110)

Vision screening services shall be provided annually during the school year, as mandated for the following children; all special education classes; those students referred by teachers; and transfer students. If a vision examination report is not on file at the school, your child, in the mandated age, grade, or group will be screened. “Vision screening is not a substitute for a complete eye and vision evaluation by an eye doctor. Your child is not required to undergo this vision screening if an optometrist or ophthalmologist has completed and signed a report form indicating that an examination has been administered within the previous 12 months.” (105 ILCS 27-8.1, Section 685.110) The parent or legal guardian of a student may object to vision screening tests for their child on religious grounds.
HEALTHY STUDENTS ARE BETTER LEARNERS

Health Services staff encourages the following good hygiene practices to allow for optimum learning opportunities:

- Thorough & frequent hand washing
- Eating a nutritious breakfast
- Sleeping 8-10 hours each night
- Exercising for 30 minutes, 3x/week

If, however, your child is ill, they **should not** be sent to school. Your child should remain at home for at least 24 hours after their symptoms have resolved. Please consider contacting your doctor for advice if your child exhibits any of the following conditions:

- Severe pain that limits activity
- Temperature over 100.4 degrees
- Contagious illness or condition
- Vomiting or diarrhea
- Constant cough
- Skin rash

**Head Lice:** Head lice are tiny insects that gather mostly behind the ears, back of the neck and only live on the human head. The presence of lice can occur in all levels of income, age, sex, or race. Lice cannot fly or jump, they are passed along following prolonged, direct head-to-head contact. Head lice do not cause illness nor do they transmit communicable disease.

Researchers advise treating only the person affected with live lice, using a medicated shampoo, closely following the package directions. Children under the age of 2 or pregnant women should consult with their doctor’s for treatment recommendations. Treatment is followed by thorough combing of the affected person’s hair daily for 7-10 days.

Children with live lice will be excluded from school. Mass screenings and notifications have been proven to be ineffective in controlling this nuisance and in avoiding reinfection. The health services staff will focus on parent and staff education, as is recommended by current research.

**MEDICATION AT SCHOOL**

**PRESCRIPTION MEDICATION:** Medications shall be administered to students by the school nurse or voluntary school personnel **only when absolutely necessary** for the critical health and well-being of the student. Medication prescribed daily, twice, or three times per day should be administered by the parent around school hours. If it is determined that the student shall receive medication at school, the procedures set forth below shall be followed:

- The student’s physician shall provide written orders detailing the name of the student, the type of disease or illness involved, the name of the drug, dosage, time interval in which the medication is to be taken, the desired benefits of the medication, the side effects, and an emergency number where the physician can be reached.

- The student’s parent or legal guardian shall provide to the school nurse a written request authorizing the administration of the prescribed medication at school including a parent emergency phone number.

- Medication shall be brought to the school, by the parent or legal guardian, in the original container appropriately labeled by the pharmacy or physician. Prescription drugs shall display all of the following information: Student name, prescription number, medication name/dosage, administration route and/or directions, date and refill, licensed prescriber’s name, pharmacy name, address, and phone number, name or initials of pharmacist. Non-prescription drugs shall be brought to school and stored with the manufacturer’s original label indicating the ingredients and the student’s name affixed to the container.
ADMINISTRATION OF APPROVED DISCRETIONARY MEDICATION

The School Health Council of the Winnebago County Medical Association has approved the intermittent administration of certain non-prescription medications, which may be made available at the school, following appropriate physical assessment, by the registered school nurse: Tylenol or Advil (generic substitutes allowed). This service is offered to alleviate the child’s minor discomforts and to avoid early dismissals from school. It is our hope that providing this service improves attendance and enhances academic performance.

Parent or legal guardian written consent must be obtained before any medication is given to the child. Only the School Nurse/Registered Nurse may administer these medications in accordance with established protocols. The approved consent form requires the parent/guardian to select which medication may be made available for their child. The consent is effective for the current school year. Approved discretionary medications are intended for occasional use only. If the child requires any prescription medication or non-prescription medication on a regular basis, or is beyond the weight-based dosage range, the parent or legal guardian must obtain and complete an “Authorization for Medication” form, a written order from the child’s doctor, and provide a supply of the medication in the original container.

If a student experiences an extreme allergic reaction during school hours, the school nurse or trained school staff may administer epinephrine (Epi-pen) in accordance with district protocols. If this occurs, Emergency Medical Services (EMS) will be called and parent or designated emergency contact will be notified.
A well-rounded high school education is more than just classroom work. Colleges and employers value students who have a wide range of school experiences. Rockford High Schools offer a wide range of co-curricular activities: a list is available at your school. Other groups can be formed with sufficient student interest. All student groups must have a faculty advisor and the approval of the principal.

### SPORTS

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<tr>
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<td>Boys Track &amp; Field</td>
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<td>Girls Basketball</td>
<td>Girls Track &amp; Field</td>
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ROCKFORD PUBLIC SCHOOLS — CO-CURRICULAR ELIGIBILITY

Co-curricular activities include all athletic and non-athletic activities sponsored by the Board of Education in the middle schools and high schools. Student participation in these activities is encouraged provided students first meet certain academic requirements.

### ELIGIBILITY

In order to participate in co-curricular activities, students must meet the following requirements:

1. All students in grades seven (7) through twelve (12) participating in co-curricular activities must have received a passing grade in a minimum of five (5) full credit courses the previous semester. This does include summer school, night school, vocational classes, Rock Valley classes, and other accredited courses if available. Meaning these additional courses may be used to meet the eligibility requirements. Continued participation will require a student to be passing (5) full credit courses on a weekly basis, with no unexcused classroom absences. Continued participation will require a student carrying one (1) failing grade to attend mandatory tutoring on a weekly basis.

(Eligibility continued on the next page)
Co-Curricular Activities

2. All students in grade six (6) must be passing five (5) full credit courses, with no unexcused absences on a weekly basis, in order to maintain eligibility. Continued participation will require a student carrying one (1) failing grade to attend mandatory tutoring on a weekly basis.

3. All students in grade nine (9) are automatically deemed eligible to participate in co-curricular activities the first semester of their 9th grade year. However, once the weekly eligibility program begins, the 9th grade student must pass a minimum of five (5) full credit courses on a weekly basis, with no unexcused classroom absences. Continued participation will require a student carrying one (1) failing grade to attend mandatory tutoring on a weekly basis.

4. For students receiving services under the IDEA or Section 504 of the Rehabilitation Act of 1973, their IEP or 504 plans will be reviewed for proper implementation prior to determining ineligibility.

*A full credit course is defined as a course for which a student receives 1.0 credit.*

**INELIGIBILITY PERIOD**

In accordance with I.H.S.A. policy, the ineligibility period for failing to pass five (5) weekly classes will begin the following calendar week, Sunday – Saturday. For example, the grade report shows a student is not passing five (5) courses on Thursday, this student is ineligible to compete the following Sunday-Saturday. The student may continue to compete for the remainder of the week they become ineligible. While ineligible, student may continue to practice with their team but may not dress for any co-curricular activity, scrimmage, exhibition match, etc.

**MANDATORY LUNCH TUTORIAL FOR INELIGIBLE STUDENTS**

Ineligible students in grades nine (9) through twelve (12) must attend four (4) tutoring sessions during the week of ineligibility. If a student fails to attend four (4) tutoring sessions during the week of ineligibility, that student remains ineligible the following week even if the student may be passing five (5) classes.

Ineligible students in grades six (6) through eight (8) must attend three (3) tutoring sessions during the week of ineligibility. If a student fails to attend three (3) tutoring sessions during the week of ineligibility, that student remains ineligible the following week even if the student may be passing five (5) classes.

**MANDATORY LUNCH TUTORIAL FOR ELIGIBLE STUDENTS WITH ONE (1) F**

Students in grades nine (9) through twelve (12) who are passing five (5) classes and carrying a failing grade in a sixth (6th) class must attend four (4) tutoring sessions during the following week. If a student carrying one (1) F fails to attend four (4) tutoring sessions during the required week of tutoring, that student becomes ineligible the following week even if the student may be passing five (5) classes.

Students in grades six (6) through eight (8) who are passing five (5) classes and carrying a failing grade in a sixth (6th) class must attend three (3) tutoring sessions during the following week. If a student carrying one (1) F fails to attend three (3) tutoring sessions during the required week of tutoring, that student becomes ineligible the following week even if the student may be passing five (5) classes.
NCAA DIVISION I INITIAL-ELIGIBILITY REQUIREMENTS

CORE COURSES: 16

- Initial full-time collegiate enrollment before August 1, 2016:
  - 16 core courses are required (see chart below for subject-area requirements)
- Initial full-time collegiate enrollment on or after August 16, 2016:
  - 16 core courses are required (see chart below for subject-area requirements)
    - 10 core courses completed before the 7th semester; 7 of the 10 must be in English, math or natural/physical science
    - These courses/grades are “locked in” at start of the 7th semester (cannot be repeated for gradepoint average (GPA) improvement to meet initial-eligibility requirements for competition).
- Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see chart below).

TEST SCORES: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see page 41).
  - SAT: critical reading and math sections.
    - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
  - ACT: English, math, reading and science sections
    - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.

CORE GRADE-POINT AVERAGE:

- Only core courses that appear on the high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- Initial full-time collegiate enrollment before August 1, 2016:
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see page 41).
  - Core-course GPA is calculated using the best 16 core courses that meet subject-area requirements.
- Initial full-time collegiate enrollment on or after August 1, 2016:
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see page 41).
  - Core-course GPA is calculated using the best 16 core courses that meet both progression (10 before seventh semester; seven in English, math or science; “locked in”) and subject-area requirements.

DIVISION I — CORE-COURSE REQUIREMENT (16)

- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I — 2016 QUALIFIER REQUIREMENTS

*ATHLETICS AID, PRACTICE AND COMPETITION

- 16 core courses
  - Ten (10) core courses completed before the start of the seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science.
  - "Locked in" for core-course GPA calculation
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see page 41).
- Graduate from high school.

DIVISION I — 2016 ACADEMIC REDSHIRT REQUIREMENTS

*ATHLETICS AID AND PRACTICE (NO COMPETITION)

- 16 core courses
  - No grades/credits “locked in” (repeated courses after the seventh semester begins may be used for initial eligibility)
  - Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see page 41).
  - Graduate from high school.
NCAA Quick Reference Guide

SLIDING SCALE A
USE FOR DIVISION I PRIOR TO AUGUST 1, 2016

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SLIDING SCALE B
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For more information, visit the NCAA Eligibility Center: eligibilitycenter.org.
DIVISION II INITIAL-ELIGIBILITY REQUIREMENTS

CORE COURSES: 16

- Division II currently requires 16 core courses. (see chart below).
- Beginning August 1, 2018, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

TEST SCORES: (ACT/SAT)

- Division II currently requires a minimum SAT score of 820 or an ACT sum score of 68. Beginning August 1, 2018, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements are shown on page 43.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

CORE GRADE-POINT AVERAGE:

- Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org). Only courses that appear on your school’s approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. Division II core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on page 43).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on page 43).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

<table>
<thead>
<tr>
<th>DIVISION II — 16 CORE-COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 3 years of English</td>
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<tr>
<td>• 2 years of math (Algebra I or higher)</td>
</tr>
<tr>
<td>• 2 years of natural/physical science (1 year of lab if offered)</td>
</tr>
<tr>
<td>• 3 year of additional English, math or natural/physical science</td>
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<tr>
<td>• 2 years of social science</td>
</tr>
<tr>
<td>• 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)</td>
</tr>
</tbody>
</table>

For more information, visit the NCAA Eligibility Center: eligibilitycenter.org.
### NCAA Quick Reference Guide

#### DIvision II Competition Sliding Scale

Use for Division II beginning August 1, 2018

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#### DIvision II Partial Qualifier Sliding Scale

Use for Division II beginning August 1, 2018

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ROCKFORD PUBLIC SCHOOLS — NCAA APPROVED CORE COURSES

ENGLISH
- AP English 11 Lang and Comp
- AP English 12 Lit and Comp
- Creative Writing
- English 10
- English 11
- English 12
- English 9
- English 12 Capstone
- Honors English 10
- Honors English 9
- Mystery
- Poetry
- Gifted Academy AP English 10 Lit & Comp
- Gifted Academy AP English 11 Lang & Comp
- Gifted Academy Advanced Creative Writing
- Gifted Academy English 12
- Gifted Academy English 9
- Speech Communication
- Speech I
- Speech II

MATHEMATICS
- Geometry 1
- Algebra 3/Trigonometry
- Algebra 1
- Algebra 1/H
- Algebra 2
- Algebra 3
- AP Calc AB
- AP Calc BC
- AP Statistics
- Arabic Bilingual Algebra
- Arabic Bilingual Geometry
- Calculus 3-4
- College Algebra 1-2
- Geometry 1-2
- Honors Geometry 1-2
- Intro to Stats
- Pre-Calculus 1-2
- Gifted Academy Algebra
- Gifted Academy Geometry
- Gifted Academy Trigonometry
- Trigonometry

SOCIAL SCIENCE
- AP Comparative Government and Politics
- AP European History
- AP Human Geography
- AP Macro Economics
- AP Micro Economics
- AP Psychology
- AP US Government and Politics
- AP US History
- AP World History
- Criminal Law
- Economics
- Honors World History 1-2
- Latin American History
- Newcomer Social Studies
- Psychology 1-2
- Gifted Academy AP US History
- Gifted Academy World History
- Sociology
- United States History
- US Government and Politics
- World Affair
- World Geography
- World History

NATURAL/PHYSICAL SCIENCE
- Aerospace 1-2
- Anatomy/Physiology 1-2
- AP Biology 1-2
- AP Chemistry 1-2
- AP Comp Science A
- AP Environmental Science
- AP Physics 1-2
- AP Physics 2
- Arabic Bilingual Biology
- Arabic Bilingual Chemistry
- Arabic Bilingual Physical Science
- Biology 1-2
- Chemistry 1-2
- Conceptual Chemistry 1-2
- Conceptual Physics 1-2
- Environmental Science
- ESC11-Geology & Oceanography
- ESC12-Astronomy & Meteorology
- Honors Biology 1-2
- Honors Chemistry 1-2
- Microbiology
- Organic Chemistry
- Physical Science 1-2
- Physics 1-2
- Gifted Academy Advanced Biology
- Gifted Academy Chemistry
- Gifted Academy Physics
- Zoology 1-2

ADDITIONAL CORE COURSES
- AP French
- AP Spanish Language
- French 1
- French 2
- French 3
- French 4
- French 5
- Sign Language 1
- Sign Language 2
- Sign Language 3
- Sign Language 4
- Spanish 1
- Spanish 2
- Spanish 3
- Spanish 4
- Spanish 5
- Spanish for Native Speakers 2
- Spanish for Native Speakers 1
NCAA Quick Reference Guide

We are pleased to inform you that Rockford Public Schools is making CoreCourseGPA.com, a web-based software program, available to all student-athletes and their parents/guardians free of charge.

If your child has aspirations of competing athletically as a freshman at an NCAA Division I or Division II school, they must meet NCAA Initial-Eligibility minimum standards, including minimum core course GPA and SAT/ACT test score requirements. Core-CourseGPA.com is an innovative tool that allows you to easily track your son or daughter’s progress towards meeting these requirements, beginning as soon as the first semester of their freshman year.

TO ACTIVATE YOUR CHILD’S CORECOURSEGPA.COM MEMBERSHIP, FOLLOW THESE SIMPLE STEPS:

1. Go to www.CoreCourseGPA.com
2. Click on “Free New Member Account” in the upper left corner and enter the School ID and School Code:
   Students/Parents:
   School ID: 143703
   School Code: 797267501
3. Click “Continue.”
4. Fill in the appropriate fields in the Create New Student Account form.
   **Remember to write down the new Member Name and Password you have created**
5. Click “Submit”
   Congratulations! You have successfully created your CoreCourseGPA.com member account.

TO LOGIN TO YOUR MEMBER ACCOUNT AND BEGIN USING THE CORECOURSEGPA.COM SOFTWARE, FOLLOW THESE SIMPLE STEPS:

1. Go to www.CoreCourseGPA.com
2. Click the “Member Login” button in the upper right corner
3. Enter your Member Name and Password
   **Use the Member Name and Password you created during the account activation process**
4. Click “Login”

CoreCourseGPA.com incorporates the NCAA recognized core courses for RPS 205 into the online course entry forms, calculates BOTH Division I and Division II core course GPA, automatically factors weighted grades into calculations and tracks course requirements for BOTH Division I and Division II. Your son or daughter’s core course information is saved for the duration of their high school career.

RPS 205 is proud to make this innovative software available to you free of charge. We believe CoreCourseGPA.com will be a very useful academic tool for you and your student-athlete.

CoreCourseGPA.com also provides you access to free recruiting webinars through FreeRecruitingWebinar.org, a nonprofit program. Webinar previews as well as full length recruiting webinars may be accessed on the FreeRecruitingWebinar.org website. Viewing a full length webinar is highly recommended to learn about the facts and rules of recruiting. The recruiting process starts in the freshman year. Make sure you are prepared.

IT IS IMPORTANT TO NOTE THAT YOUR USE OF CORECOURSEGPA.COM IS NOT A SUBSTITUTE FOR REGISTERING WITH THE NCAA ELIGIBILITY CENTER AFTER THE COMPLETION OF SIX HIGH SCHOOL SEMESTERS.
**Bilingual Education Programs**

**TRANSITIONAL BILINGUAL EDUCATION (TBE)**

Students whose first language is Spanish and have scored below a 4.8 composite score on either the state mandated ACCESS test or WIDA MODEL screener qualifies for bilingual services. Bilingual coursework is offered in two types: Bilingual and Sheltered Instruction.

*Bilingual classes* are offered in all academic core content areas. Students scoring below 2.9 composite score on the WIDA MODEL screener are placed in bilingual classes. Instruction is primarily given in Spanish.

*Sheltered classes* are offered in core classes as well. Students scoring above 2.9 composite score on the WIDA MODEL screener are usually placed in sheltered classes. These classes utilize the general education materials as well as supplemental materials. The language of instruction is primarily in English with Spanish support as necessary. The goal of these classes is to acquire academic literacy in content areas, before transitioning into general educations classes.

**TRANSITIONAL PROGRAMS OF INSTRUCTION (TPI)**

Students whose first language is other than English or Spanish and have scored below a 4.8 composite score on either the state mandated ACCESS test or WIDA MODEL screener also qualify for bilingual services in the form of sheltered instruction where the teacher uses ESL techniques and strategies to make content instruction comprehensible. These classes utilize the general education materials and the language of instruction is primarily in English. The goal of these classes is to acquire academic literacy in content areas.

**TBE & TPI PROGRAM REQUIREMENTS**

Students in the TBE and TPI program are required to take English as a Second Language (ESL). Students are placed in an ESL class depending on his/her level of English proficiency. ESL classes are designed to improve students listening, speaking, reading, and writing English skills.

Spanish Language Arts is a standards based course aligned to the common core and Spanish Language Arts Standards. Students are placed in Spanish Language Arts classes based on their year in school.

Students in the TPI program are required to take Sheltered Literacy classes. Sheltered Literacy is designed to assist students advance their English reading and writing skills. Sheltered literacy is a standards based course aligned to the common core and the English Language Development Standards. Students are placed in Sheltered Literacy classes based on their year in school.

**NEWCOMER PROGRAM**

The Newcomer Program is offered for English Learners who have recently arrived to the United States (Spanish speakers enroll in the TBE Program). It is specifically designed for those who have very limited English skills, limited formal education, and limited literacy skills in their native language. Newcomer classes are offered in all core academic content areas. The newcomer classes are intended to provide intensive language and content instruction as well as acculturation to prepare students to succeed in TPI courses. These students remain in the newcomer program for one academic school year and a session of summer school and are then placed in the TPI program.

These programs are offered at selected schools. Please contact your guidance counselor for more information on which schools are offering which programs.

**HONORS AND ADVANCED PLACEMENT**

Students in the EL program have the opportunity to enroll in Honors and AP courses when they meet prerequisite criteria for such courses. For more information please consult the AP and Honors sections of this guide or speak with your guidance counselor.

**BILINGUAL RESOURCE**

Bilingual resource classes are designed specifically for support in the native language. This is for EL students in grades 9-12. These courses provide additional opportunities for students to reinforce conceptual knowledge and language skills across curriculum. The course is structured to ensure individualized support to students who share the same home language, using that language to deepen understanding of the material that was introduced in their content area classes.
Bilingual Education Programs

The following is a list of the courses offered in the bilingual program.

HISTORY

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided directions and some instruction in Spanish. The instruction will work on bridging the languages for the students to be successful in general education classes.

- 30141 Bilingual Global Studies
- 30306 Bilingual World Geography
- 30309 Bilingual U.S. History
- 30313 Bilingual Government
- 30314 Bilingual Economics

MATHEMATICS

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided directions and some instruction in Spanish. The instruction will work on bridging the languages for the students to be successful in general education classes.

- 30470 Bilingual Integrated Math 1
- 30412 Bilingual Algebra 2
- 30409 Bilingual Geometry

SCIENCE

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided directions and some instruction in Spanish. The instruction will work on bridging the languages for the students to be successful in general education classes.

- 30500 Bilingual Biology
- 30701 Bilingual Health
- 30522 Bilingual Environmental Science
- 30520 Bilingual Earth Science 1 – Geology & Oceanography
- 30521 Bilingual Earth Science 2 – Astronomy & Meteorology
- 30510 Bilingual Chemistry
- 30204 Bilingual Freshman Seminar

SPANISH LANGUAGE ARTS

Students enrolled in these classes will follow the standards established by the state of California and adopted by the ISBE for Illinois.

- 30101 Spanish Language Arts 1
- 30103 Spanish Language Arts 2
- 30106 Spanish Language Arts 3
- 30109 Spanish Language Arts 4
Bilingual Education Programs

SHELTERED CLASSES

HISTORY

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided strategies for English Learning to bridge the academic language for non-native English speakers. The courses will support the student to be successful in general education classes.

- 31141 Sheltered Global Studies
- 31306 Sheltered World Geography
- 31309 Sheltered U.S. History
- 31313 Sheltered Government
- 31314 Sheltered Economics

MATHEMATICS

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided strategies for English Learning to bridge the academic language for non-native English speakers. The courses will support the student to be successful in general education classes.

- 31470 Sheltered Integrated Math 1
- 31412 Sheltered Algebra 2
- 31409 Sheltered Geometry
- 31106 Sheltered Math Topics

SCIENCE

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided strategies for English Learning to bridge the academic language for non-native English speakers. The courses will support the student to be successful in general education classes.

- 31500 Sheltered Biology
- 31701 Sheltered Health
- 31522 Sheltered Environmental Science
- 31520 Sheltered Earth Science 1 – Geology & Oceanography
- 31521 Sheltered Earth Science 2 – Astronomy & Meteorology
- 31510 Sheltered Chemistry
- 31204 Sheltered Freshman Seminar

LANGUAGE ARTS

Each of the classes below follows the standards established by the general education curriculum. Students enrolled in these courses will be provided strategies for English Learning to bridge the academic language for non-native English speakers. The courses will support the student to be successful in general education classes.

- 31050 ESL Sheltered English 9
- 31053 ESL Sheltered English 10
- 31056 ESL Sheltered English 11
- 31059 ESL Sheltered English 12

ESL

These courses are designed to support students in acquisition of academic English in reading, writing, speaking, and listening. Students are placed in ESL based on English proficiency as determined on the WIDA ACCESS.

- 33148 ESL 1
- 33136 ESL 2
- 33145 ESL 3
- 33154 ESL 4
ENGLISH 9 (10100)

Grade Level: 9. Yearlong. This is a writing-intensive course designed to develop students’ skills in critical reading and writing, speaking, and listening. The course is standards-based and thematically organized around a variety of texts – print and non-print, fiction and nonfiction. Within each unit, students will participate in full class studies of core works in addition to opportunities for small group and independent study. Writing instruction will build skills in argumentation in addition to source-based writing, grammar, mechanics, style, and usage. Instruction in critical reading will include strategies to engage with text.

HONORS ENGLISH 9 (10103)

Grade Level: 9. Yearlong. This writing-intensive, standards-based course is designed to provide students with an intense and enriched curriculum of the English language arts: reading literature, reading informational texts, writing, speaking and listening, and the use of language, including grammar and mechanics. Students will research, write, and present extensively using sources from multiple types of media. Using a variety of texts and using critical reading and writing skills, students will be engaged through real-world applications and projects.

ENGLISH 10 (10200)

Grade Level: 10. Yearlong. This is a writing-intensive course designed to build on students’ skills in critical reading and writing, speaking, and listening. The course is standards-based and thematically organized around a variety of texts – print and non-print, fiction and nonfiction. Within each unit, students will participate in full class studies of core works in addition to opportunities for small group and independent study. Writing instruction will continue to focus on skills in argumentation in addition to source-based writing, grammar, and usage; students will begin to engage in rhetorical analysis and synthesis. Instruction in critical reading will include strategies to engage with text.

HONORS ENGLISH 10 (10203)

Grade Level: 10. Yearlong. This writing-intensive, standards-based course is designed to provide students with an intense and enriched curriculum of the English language arts: reading literature, reading informational texts, writing, speaking and listening, and the use of language. Students will research, write, and present extensively using sources from multiple types of media. Using a variety of texts and using critical reading and writing, students will be engaged in argumentation and source-based writing as preparation for Advanced Placement English 11 Language and Composition.
ENGLISH 11 (10300)
Grade Level: 11. Yearlong. This writing-intensive, standards-based course is a study of the American experience, spanning from the colonial period to the present. In addition to developing an appreciation for our literary heritage and understanding our relationship to American history and culture, students will implement critical reading strategies to engage with increasingly complex texts — both print and non-print, fiction and nonfiction. Students will also learn to write increasingly sophisticated arguments and informational essays, in addition to furthering their study of language and usage, speaking and listening, and research.

ENGLISH 12 CAPSTONE (10409)
Grade Level: 12. Yearlong. This writing-intensive course integrates a capstone project that provides students the opportunity to enhance their 21st Century skills — in particular creativity, communication, collaboration, critical thinking, and problem solving — through a deep research and writing experience in an academic or career interest addressing a real-world need or problem. This capstone project is comprised of developing a proposal; conducting research; assembling a project, event, or concept; and presenting the final product. This course represents the highest level of scholarship that integrates academic research and college and career readiness.

AP ENGLISH LANGUAGE AND COMPOSITION (10306)*
Grade Level: 11. Yearlong. This writing-intensive course is designed for students seeking a deeper knowledge of language to become highly skilled readers and writers. The students in this course will engage in rhetorical analysis, deepening their understanding of rhetorical conventions, audience, purpose, and use of language, and their impact on writing. Students in Advanced Placement courses will be prepared for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year college courses. Students will prepare for the AP exam in Language and Composition. *quality points/weighted grade

ENGLISH 12 (10400)
Grade Level: 12. Yearlong. This writing-intensive, standards-based course is a study of classic and contemporary literature. In addition to developing an appreciation for a variety of cultures, students will implement critical reading strategies to engage with increasingly complex texts — both print and non-print, fiction and nonfiction. Students will also learn to write increasingly sophisticated arguments and informational essays, in addition to furthering their study of language and usage, speaking and listening, and research.

AP ENGLISH LITERATURE AND COMPOSITION (10406)*
Grade Level: 12. Yearlong. This course engages students in the careful reading and critical analysis of world literature. Through close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for readers. As they read, students consider a work’s structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Students in Advanced Placement courses will be prepared for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year college courses. Students will prepare for the AP exam in Literature and Composition. *quality points/weighted grade

ELECTIVES
MYSTERY (10681)
Grade Level: 11-12. One Semester. This elective course explores the reasoning and clinical research of mystery literary works. Students learn to analyze, synthesize, and evaluate diagnostic data, forensic information, and geographical elements as they pertain to a specific mystery. The course requires extensive reading, scientific data inquiry, research, and writing.
POETRY (10682)

Grade Level: 11-12. One Semester. This elective course is designed for students who want to gain an appreciation for poetry and have an interest in reading, writing, and publishing poetry. Students will examine published poetry from various periods, produce their own poetry, critique other’s work, and learn the steps to submit poems for publication and/or contests.

CREATIVE WRITING (10680)

Grade Level: 10-12. One Semester. Creative writing seeks to move beyond using language as merely a tool of communication; rather, students will learn to use language as an instrument to express their unique and individual voices. This semester long elective course is designed for students who love reading and have an interest in writing poetry and short fiction. As we read published poems and short stories, we’ll work on exercises to stimulate creativity. We’ll focus first on playing with language and breaking down barriers to writing. Because writing is a process of revision, we’ll learn how to critique others’ work and accept critiques of our own work. In so doing, we become not only more critical writers, but also more critical readers.

INTRODUCTION TO DESKTOP PUBLISHING (10614)

Grade Level: 9-11. One Semester. This course will give students experience creating publishable documents and materials using computer technology. The focus is on layout and design concepts using industry standard computer software. Students will be able to: use visual rhetoric to evaluate and design aesthetic layouts, use textual and graphic elements together to convey a cohesive, effective message, and use industry standard programs to create and publish various materials. This is an introductory course that can be taken singularly or in addition to Introduction to Journalism or Introduction to Photography (see below). Students who aspire to become editors of the school’s publications are encouraged to take all three electives. Students are encouraged to follow these introductory courses with Yearbook, Newspaper, and/or Graphic Design.

INTRODUCTION TO PHOTOGRAPHY (10615)

Grade Level: 9-11. One Semester. This course will teach skills in various areas of photography, as well as basic photo editing concepts and ethical considerations. Students will be able to: apply photography composition standards while taking pictures, take effective photographs for a variety of purposes: photojournalism, feature photography, event photography, portrait photography, and candid photography, use digital technology to edit pictures for professional use, and apply ethical considerations and standards while taking and editing pictures. This is an introductory course that can be taken singularly or in addition to Introduction to Desktop Publishing or Introduction to Journalism. Students who aspire to become editors of the school’s publications are encouraged to take all three electives. Students are encouraged to follow these introductory courses with Yearbook, Newspaper, and/or Graphic Design.

NEWSPAPER (10610):

Grade Level: 10-12. Yearlong. Lab fee required. Students will learn and participate in the actual process of publishing the school newspaper. Writing, editing, and publishing skills are learned and used. Note: Course must be taken both semesters of the same year and may be repeated.
YEARBOOK (10620)
Grade Level: 10-12. Yearlong. Lab fee required. This course must be taken both semesters of the same year. The objective of the class is to produce a yearbook by using the skills of layout design, copy-writing, photo shooting and cropping, ad sales, and use of computers to generate yearbook pages. This course may be repeated. Occasional evening and weekend meetings may be required. The specific objective of this class is to utilize skills learned in Newswriting to produce a yearbook for the school and community. Note: This course is not a substitute for traditional English classes.

SPEECH COMMUNICATION (10684)
Grade Level: 9-12. One Semester. This elective course is designed to provide students with the valuable tool of successful oral expression. Not only does the possession of this skill provide the student with an improved means of communication that will be useful in both professional and personal lives, but also in developing the confidence that will enable the student to present himself successfully. Students will develop listening skills as well as speaking skills in the area of impromptu, informational, persuasive, demonstration speeches and oral interpretation. Note: This is not a course in speech correction or a substitute for English.

SPEECH I (10640)
Grade Level: 10-12. Yearlong. Students will learn to communicate effectively through informative and persuasive styles using a wide variety of experiences. Techniques will be taught using informational speeches, original skits, oral interpretation of literature, interviewing, use of visual aids, debates and other projects. Students will develop listening skills and learn techniques to deal with stage fright and build confidence. Note: This is not a course in speech correction or a substitute for English.

SPEECH II (10643)
Grade Level: 10-12. Yearlong. Prerequisite: Speech I or teacher recommendation. Advanced speech students learn about radio broadcasting and participate in more challenging informational speeches and skits, culminating in both dramatic and comic performances in the Speech Showcase. Note: This is not a course in speech correction or a substitute for English.

SUPPORT CLASSES

CORE LITERACY-PLUGGED-IN TO READING (10220)
Grade Level: 9. Yearlong. Plugged-In to Reading is an intervention program for students reading below grade level. The program teaches effective strategies to comprehend textbooks across content areas along with reading and writing in a variety of non-fiction text types. It is a 3-step instructional model that gradually releases students to become active, engaged and capable readers. Context/specialized vocabulary, text features and structures, monitoring understanding of what is read, previewing text, activation of background knowledge, questioning, noting, organizing and retrieving information from text are practiced learning strategies. Note: This course is to be taken concurrently with an English course.

CORE LITERACY-READ 180 (10223)
Grade Level: 9. Yearlong. Read 180 is a comprehensive system intervention program designed for students to accelerate reading growth and literacy independence. This program is for students reading below grade level. The academic areas of focus are reading (including phonological awareness, phonics/word study, comprehension, fluency, and expanding vocabulary), spelling, sentence construction, and planning and revising. Read 180 is designed to maximize student engagement with technology, text, teacher instruction/modeling and peer reflection. Note: This course is to be taken concurrently with an English course.

CORE LITERACY-SYSTEM 44 (10226)
Grade Level: 9. Yearlong. Literacy System 44 is an intervention program that meets individual student needs through the systematic instruction in phonemic awareness, phonics, vocabulary, word analysis, spelling and fluency to improve reading skills. Direct teacher instruction guides and reinforces phonics and word strategies while adaptive technology provides individualized practice. Note: This course is to be taken concurrently with an English course.
Incoming freshmen are placed into the appropriate starting course and pathway based on their 8th grade math class.
INTEGRATED MATH 1 (13470)

Yearlong. Prerequisites: none. The fundamental purpose of Mathematics I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

GEOMETRY (13120)

Yearlong. Prerequisite: Algebra 1 or Honors Algebra 1. This course builds on the Algebra 1 skills with application of geometric principles to the physical world. The topics are fully aligned to Common Core and include coordinate geometry, plane geometry, along with an emphasis on inductive and numerical reason.

HONORS GEOMETRY (13123)

Yearlong. Prerequisite: Algebra 1 or Honors Algebra 1. This course extends the learning of the Geometry course by incorporating mathematical modeling. This course builds on the Algebra 1 skills with application of geometric principles to the physical world. The topics are fully aligned to Common Core and include coordinate geometry, plane geometry, along with an emphasis on inductive and numerical reason.

ALGEBRA 2 (13300)

Yearlong. Prerequisite: Algebra 1 and Geometry. This course is a second year algebra course expanding concepts from Algebra 1 and introducing synthetic division, absolute value equations and inequalities, quadratic inequalities, determinants and matrices, and conic sections.
COLLEGE ALGEBRA (13400)

Yearlong. Prerequisites: Algebra 1 and Geometry. This course presents a brief review of Algebra including basic terminology, notations, concepts, and skills. It introduces algebraic proof, complex numbers, absolute value and quadratic inequalities, determinants and matrices, conic sections, polynomial equations, sequences and series, math induction, and binomial theorem.

ALGEBRA 3/TRIGONOMETRY (13410)

Yearlong. Prerequisite: Algebra 2. This is a course which extends topics from Algebra 2 and introduces polynomial equations, sequences and series, math induction, and the binomial theorem. Trigonometry covers right and oblique triangles, logarithms, trigonometric and inverse functions, trigonometric identities and equations, and radian measure.

PRECALCULUS (13330)

Yearlong. Prerequisite: College Algebra. A course in the study of algebraic, exponential, logarithmic, and trigonometric functions and their graphs. It contains investigations of the conic sections, transformations, parametric equations, and analytic proof along with the study of right and oblique triangles including identities, equations, radian measure, vectors and polar coordinates.

AP CALCULUS AB (13436)*

Yearlong. Prerequisite: Pre-Calculus. This is an advanced placement course in calculus. Topics included are parametric and polar equations, analytic geometry of three dimensions, vectors, partial derivatives, multiple integrals, vector calculus, and differential equations. *quality points/weighted grade

AP CALCULUS BC (13433)*

Yearlong. Prerequisite: Calculus AB. Recommended for a 4 year college majoring in a math field. An advanced placement course in calculus stressing graphical, numerical and algebraic analysis of the calculus of single variable functions. In addition to the topics covered in Calc AB the topics of parametric, polar, and vector functions, their applications, applications of integrals, partial derivatives and polynomial approximations and series are also covered. *quality points/weighted grade

MATH TOPICS (13106)

Yearlong. Prerequisites: Algebra 1 and Geometry. This is a full year course that extends and reinforces Algebra and Geometry skills in an application based format. Students will gain mathematical literacy by learning how mathematics is applied in everyday life.

INTRODUCTION TO STATISTICS (13420)

Yearlong. Prerequisite: Algebra 1. This course acquaints students with the basic ideas and language of statistics. It introduces students to the major concepts and tools from collecting, analyzing and drawing conclusions from data that is provided or data that students obtain from experiments or surveys. Students use exploratory methods to identify patterns and make decisions to solve real-life problems.

AP STATISTICS (13426)*

Yearlong. Prerequisite: College Algebra, Intro to Stats, or Algebra 2 with teacher recommendation. This is intended for students interested in life science, nursing, social science, or statistics. Students will master the fundamental skills of statistics such as: interpreting data, applying probability, calculating sample distributions, and testing hypotheses. Preparation for the AP exam given in May will be part of this course. *quality points/weighted grade

MATH LITERACY (13129)

Yearlong. Prerequisites: Algebra 1 and Geometry. This is a full year course for seniors integrating numeracy, proportional reasoning, algebraic reasoning, and functions. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Throughout the course, college success content will be integrated with mathematical topics. This course uses online homework. Upon successful completion of the course students may take General Education Math and Elements of Statistics at Rock Valley College.
It is recommended that college-bound students successfully complete Biology, Chemistry, and Physics. The following courses meet the physical science requirement: Chemistry, Earth Science and Environmental Science.

**BIOLOGY (14200)**

**Grade Level:** 9. **Yearlong.** This course focuses on the major topics of life science using scientific inquiry. Topics studied include ecology, classification, cells, evolution and genetics.

**HONORS BIOLOGY (14203)**

**Grade Level:** 9. **Yearlong.** This course focuses on the major topics of life science using scientific inquiry. Topics studied include ecology, classification, cells, genetics, reproduction, change overtime and evolution.
CHEMISTRY (14300)

Grade Level: 10-12. Yearlong. This course focuses on the study of matter and the changes matter undergoes, formula writing, equation writing, stoichiometry, and matter-energy relationships. In this course algebra and geometry are applied to show the mathematical expression of chemical concepts. Laboratory work is a significant part of the course. Required: A scientific calculator.

HONORS CHEMISTRY (14303)

Grade Level: 10-11. Yearlong. Emphasis in the course is placed on a rigorous and advanced study of chemical topics that involves an in-depth mathematical perspective. Development of the major topics of matter and the changes matter undergoes, formula writing, equation writing, stoichiometry, atomic structure, chemical bonding, kinetics, equilibrium, thermochemistry, and acid base reactions are studied in this class. These topics are enhanced by using laboratory experimentation, critical thinking, and problem solving activities. Laboratory work is a significant part of the course. Algebra and geometry are used extensively in this course.

EARTH SCIENCE-ASTRONOMY & METEOROLOGY (14521)

Grade Level: 10-12. One Semester. Lab Fee: $5.00. This course focuses on astronomy and meteorology. Topics covered will include an introduction to the cosmos as well as the Earth’s place in the Universe. Meteorology will include the atmosphere, weather, and climate. Offered in conjunction with Earth Science: Geology & Oceanography.

EARTH SCIENCE-GEOLOGY & OCEANOGRAPHY (14520)

Grade Level: 10-12. One Semester. Lab Fee: $5.00. This course consists of an introduction to geology and resource management. Included in this course will be a major emphasis on cartography, constructive and destructive forces, and Earth’s history. This course will include environmental issues and laboratory procedures. Offered in conjunction with Earth Science: Astronomy & Meteorology.

ENVIRONMENTAL SCIENCE (14500)

Grade Level: 10-12. Yearlong. Lab Fee: $5.00. This course is focused on environmental issues including ecological principles, population dynamics, energy resources, and human interaction with the environment. This is a project-based course where students will develop and implement a plan to improve resources in areas adjacent to their school.

PHYSICS (14400)

Grade Level: 11-12. Yearlong. Prerequisite: Algebra and Geometry. Algebraic and geometric concepts are used extensively in this course. This course includes topics such as mechanics, thermodynamics, waves, sound, optics, electricity, and magnetism. Laboratory work is a significant part of this course. Required: Students must have or purchase a scientific calculator.

ANATOMY & PHYSIOLOGY (14603)

Grade Level: 11-12. Yearlong. This course is focused on the structure and function of the human body. Some topics covered in this course include levels of organization; support and movement; integration, coordination, and control; transport; maintenance; and the human life cycle. This is a laboratory course designed especially for students interested in medical fields.

MICROBIOLOGY (14209)

Grade Level: 11-12. One Semester. Lab Fee: $5.00. This course introduces students to various basic techniques and fundamentals in the field of microbiology. Topics covered include microbial metabolism proper sterilization processes, bacterial growth, and analysis of population cultures. Students will apply microbiological concepts in laboratory experiments and develop appropriate aseptic techniques needed to work in clinical environments. Offered in conjunction with Organic Chemistry.

ORGANIC CHEMISTRY (14312)

Grade Level: 11-12. One Semester. Lab Fee: $5.00. This course introduces students to various techniques and concepts in organic chemistry. Topics covered include nomenclature, structure and bonding, and reactions of hydrocarbons with important classes of natural and synthetic organic compounds. Offered in conjunction with Microbiology.
Science

HORTICULTURE (14606)*

Grade Level: 10-12. Yearlong. Lab Fee: $5.00. This is a one-year elective course in the methods and procedures of growing plants. Included are topics on house plants, plant preparation, soils, landscaping, pruning, vegetable gardening, tree and shrub care, flower arranging, plant identification, plant physiology, and plant morphology.

ZOOOLOGY (14600)*

Grade Level: 10-12. Yearlong. Lab Fee: $5.00. Prerequisite: Biology. This is a course designed for students interested in further study of the invertebrate and vertebrate animal kingdom. Topics include classification, structure/function, and change/diversity of animals. Laboratory work is a significant part of this course, with a focus on microscope usage and dissection.

AP ENVIRONMENTAL SCIENCE (14510)*

Grade Level: 11-12. Yearlong. Lab Fee: $5.00. Prerequisite: Biology and Chemistry. The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science that will be taught as a yearlong high school class. The AP Environmental Science course has been developed to enable students to undertake a more advanced study of topics in environmental science. *quality points/weighted grade

AP BIOLOGY (14206)*

Grade Level: 11-12. Yearlong. Lab Fee: $5.00. Prerequisite: Biology and Chemistry. This is a course for students interested in a college equivalent Biology course. This course follows the Advanced Placement (AP) curriculum. Topics addressed in depth include biological systems and interactions, life processes, cell processes, energy and metabolism, heredity and genetics, ecology, and evolution. Laboratory work and inquiry are significant parts of this course. Students who successfully pass the AP Biology proficiency exam may receive college credit for Biology. *quality points/weighted grade

AP CHEMISTRY (14306)*

Grade Level: 11-12. Yearlong. Lab Fee: $5.00. Prerequisite: Chemistry and Algebra. AP Chemistry is a college chemistry lecture and lab class. The presentation follows modern quantum mechanical theory. Students will write formulas for compounds, equations for reactions, and stoichiometric relationships equations. Students will analyze thermodynamic changes including enthalpy changes, entropy changes, and Gibbs free energy changes. They will also study acid/base reactions, equilibrium, reactions kinetics, coordination compounds, and oxidation-reduction reactions. Students will prepare for the AP exam. *quality points/weighted grade

AP PHYSICS 1 (14415)*

Grade Level: 11-12. Yearlong. Prerequisites: Chemistry, Algebra and Geometry. Concurrent enrollment in Trigonometry is recommended. This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Course skills include using representations and models to solve scientific problems, applying mathematics to science phenomena, engaging in scientific questioning, planning and implementing data collection and analysis, and connecting and relating knowledge across scales, concepts, representations, and domains. Students will prepare for the AP Physics 1 exam at the conclusion of the course. *quality points/weighted grade

AP PHYSICS 2 (14418)*

Grade Level: 12. Yearlong. Prerequisites: Chemistry, AP Physics 1, Algebra and Geometry. This course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Course skills include using representations and models to solve scientific problems, applying mathematics to science phenomena, engaging in scientific questioning, planning and implementing data collection and analysis, and connecting and relating knowledge across scales, concepts, representations, and domains. Students will prepare for the AP Physics 2 exam at the conclusion of the course. *quality points/weighted grade

AP PHYSICS C (14406)*

Yearlong. Prerequisites: Chemistry and Physics or AP Physics 1. Concurrent enrollment in AP Calculus AB is recommended. This is a rigorous, calculus based physics course designed by the College Board. Two major topics, Mechanics and Electricity and Magnetism, are covered. Students will prepare for both AP Physics C exams: Mechanics and Electricity and Magnetism. *quality points/weighted grade
GRADUATION REQUIREMENTS

1 year of "World" coursework
- Global Studies
- AP Human Geography
- AP World History

1 year of US History coursework
- US History
- AP US History

1 semester of Government/Civics coursework
- American Government and Politics
- AP American Government & Politics

1 semester of Economics coursework
- Economics
- AP Macroeconomics
- AP Microeconomics

Courses you can take beginning in 9th Grade
- Global Studies
- AP Human Geography
- AP World History

Courses you can take beginning in 10th Grade
- African American History
- Criminal Law
- Latin American History
- Psychology
- Sociology
- World Affairs
- World Geography
- World History
- AP European History
- AP Psychology
- AP Comparative Governments & Politics

Courses you can take beginning in 11th Grade
- US History
- AP US History

Courses you can take beginning in 12th Grade
- American Government & Politics
- Economics
- AP American Government & Politics
- AP Macroeconomics
- AP Microeconomics
GLOBAL STUDIES (12141)

Grade: 9. Yearlong. This course focuses on the Inquiry Skills and the Geography Disciplinary Concepts of the Illinois Learning Standards for Social Science. This course makes significant use of inquiry as an instructional practice to move around the world geographically and temporally across time to engage students in the aforementioned standards while also incorporating content specifics that upper grades have identified as important background knowledge for students in their junior and senior year courses. This course may be used to fulfill a graduation requirement.

UNITED STATES HISTORY (12123)

Grade Level: 11+. Yearlong. The course starts with a review of European Colonization, the American Revolution, and westward expansion. The first semester continues with an in depth look at U.S. history through World War I. Second semester covers events from the 1920’s to the present. This course may be used to fulfill a graduation requirement.

UNITED STATES GOVERNMENT AND POLITICS (12210)

Grade Level: 12. One Semester. This course presents America’s political system with an emphasis on the origins of our government, federalism, our three branches of government, civil rights and liberties, interest groups, and political behaviors. This course may be used to fulfill a graduation requirement.

ECONOMICS (12220):

Grade Level: 12. One Semester. This course covers the topics of economic thinking, economic systems, supply, demand, prices, market structures, business organizations, labor, personal finance, macroeconomic measures and concerns, monetary and fiscal policy as well as international trade. This course may be used to fulfill a graduation requirement.

AP HUMAN GEOGRAPHY (12106)*

Grade Level: 9+. Yearlong. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, as well as use and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students will prepare for the AP exam. May be used to fulfill a graduation requirement. *quality points/weighted grade

AP WORLD HISTORY (12116)*

Grade Level: 9+. Yearlong. The Advanced Placement Program in World History provides students with the analytical skills and factual knowledge necessary to deal critically with world problems. Societies will be compared, an emphasis placed on the larger processes affecting individual societies and civilizations, and key time periods will be emphasized. Students will prepare for the AP exam. This course may be used to fulfill a graduation requirement. *quality points/weighted grade

AP U.S. HISTORY (12126)*

Grade Level: 11+. Yearlong. The Advance Placement Program in United States history is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the issues and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year college courses. Students learn to assess historical materials, their relevance to a given interpretive problem, their reliability, and their importance, as well as to weigh the evidence and interpretations presented in historical scholarship. This course develops the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will prepare for the AP exam. This course may be used to fulfill a graduation requirement. *quality points/weighted grade
Social Science

**AP UNITED STATES GOVERNMENT AND POLITICS (12212)**

**Grade Level:** 12. **One Semester.** This course provides students with an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students will study the constitutional underpinnings of democracy, political parties and interest groups, the Congress, the Presidency, the bureaucracy and Federal courts, institutions and policy processes, and civil liberties and civil rights. This course thus develops the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will prepare for the AP exam. This course may be used to fulfill a graduation requirement. *quality points/weighted grade

**AP MACROECONOMICS (12231)**

**Grade Level:** 12. **One Semester.** The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops student’s familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course provides students with a learning experience equivalent to that obtained in a typical introductory college economics course which requires students to use analytical reading skills along with graphical analysis skills. Students will prepare for the AP exam. This course may be used to fulfill a graduation requirement. *quality points/weighted grade

**AP MICROECONOMICS (12230)**

**Grade Level:** 12. **One Semester.** The purpose of a course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of an individual decision maker, both consumers and producers. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and the role of government. This course provides students with a learning experience equivalent to that obtained in a typical introductory college economics course which requires students to use analytical reading skills along with graphical analysis skills. Students will prepare for the AP exam. This course may be used to fulfill a graduation requirement. *quality points/weighted grade

**ELECTIVES**

**AFRICAN AMERICAN HISTORY (12300)**

**Grade Level:** 10+. **Yearlong.** This elective course provides positive insights into the achievements of African Americans from the beginnings of the country to the present. **Note:** This course is not a substitute for the required United States history course, required for graduation.

**LATIN AMERICAN HISTORY (12134)**

**Grade Level:** 10+. **Yearlong.** Latin American History is an elective course for students who wish to strengthen and expand their knowledge of Latin American civilizations. This one-year course focuses on Latin American History beginning with pre-Hispanic cultures and culminating with contemporary issues.

**AP COMPARATIVE GOVERNMENT AND POLITICS (12215)**

**Grade Level:** 10+. **One Semester.** The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. *quality points/weighted grade
Social Science

AP EUROPEAN HISTORY (12310)*

Grade Level: 10+. Yearlong. This is a college level introductory elective course into modern European history that examines the major events, trends, and chronology from 1450 to the present. Students will examine themes in history and interrelated categories (political, diplomatic, intellectual, cultural, social and economic) as they investigate, using primary and secondary sources, the elites with the experiences of ordinary people. Students will prepare for the AP exam. *quality points/weighted grade

CRIMINAL LAW (12500)

Grade Level: 10+. One Semester. This elective course provides practical information and problem solving opportunities in the area of criminal law. The course will develop the knowledge and skills needed to survive in this “law-saturated” society, along with a willingness and capability to participate effectively in the legal and political systems of our community, state, and country.

PSYCHOLOGY (12400)

Grade Level: 10+. Yearlong. This introductory course provides insight and practical information in the field of psychology. Topics will include learning, memory, the workings of the mind, personality, attitude, emotions, and abnormal psychology.

AP PSYCHOLOGY (12406)*

Grade Level: 10+. Yearlong. This course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, exposing students to psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students will prepare for the AP exam. *quality points/weighted grade

SOCIOLOGY (12415)

Grade Level: 10+. One Semester. Sociology is the study of human relationships within a social or group setting. The high school and American societies will serve as the focus for such topics as the cultural impact upon behavior, the process of adopting social norms and values, the identification of social deviants and the effects of labeling, the causes and reduction of prejudice, and the impact of social class upon life experiences.

WORLD AFFAIRS 1 & 2 (12130)

Grade Level: 10+. Two Semester Sequence. World Affairs exposes students to customs, traditions, and heritage of people from around the globe. Inquiry into political, economic, and social problems or events perplexing the world today. Students will read, discuss and compare ideas expressed in a variety of news media including Rockford Register Star, Chicago Tribune, Newsweek magazine, U.S. News and World Report magazine, Time magazine, ABC, CBS, NBC national television, CNN and the Internet. Note: This course is not a substitute for the required year of “World” coursework needed for graduation.

WORLD GEOGRAPHY (12100)

Grade Level: 10+. Yearlong. In this course, students will utilize aspects of human and physical geography to study different regions of the world through global issues. Students will examine how humans adapt to their environments, how nations rely on each other, and how environments are changed by human interactions with one another and the environment itself. Note: This course is not a substitute for the required Global Studies course for students entering high school after the 2017-18 school year.

WORLD HISTORY (12110)

Grade Level: 10+. Yearlong. First semester students will study themes of history, ancient civilizations, major religions, as well as the Dark Ages, Age of Exploration, and the beginning of the Renaissance. Second semester continues with the Renaissance through the twentieth century. Note: This course is not a substitute for the required Global Studies course for students entering high school after the 2017-18 school year.
FOREIGN LANGUAGE INTERNSHIP (11530)

Grade Level: 11-12. Yearlong or One Semester. Lab Fee: $25.00.
Prerequisites: Level 4 or AP Language course. This course involves placing individual students out in the community as foreign language resources. Emphasis will be on students utilizing their skills and knowledge within their focus foreign language. Outside hours working will be a part of this course.

FRENCH I (11300)

Grade Level: 9-12. Yearlong. This course is an introduction to the language and culture of French-speaking countries. The emphasis is on listening, speaking, reading and writing skills. Students will have access to textbook, workbooks, audio and video programs. Students should be aware that nightly homework is necessary for acquiring these skills.

FRENCH II (11303)

Grade Level: 9-12. Yearlong. Prerequisite: French 1. This course expands upon the structures and vocabulary learned in level 1. Students will further develop their listening, speaking, reading, and writing skills with a continued study of the French culture. The program uses textbook, workbooks, audio, and video programs. As with level 1, students should be aware that nightly practice and homework are required for acquisition of language skills.

FRENCH III (11306)

Grade Level: 10-12. Yearlong. Prerequisites: French 1 & 2. Structural rules of French grammar are stressed to help students further develop and expand upon the four communication skills (listening, speaking, reading, and writing). Students will research, speak, and write on cultural topics. Interaction with French students via e-mail is encouraged. The program uses textbooks, workbooks, audio, and video components. Excerpts from various reading selections will introduce students to French literature. Required: A French-English dictionary.

FRENCH IV (11309)

Grade Level: 11-12. Yearlong. Prerequisites: French 1, 2, & 3. More complex grammatical structures are studied. Continuing their study of French history and culture, students will begin to read authentic French novels and short stories. Creative writing and oral presentations will be emphasized to develop communicative ability. Interaction with French students via e-mail is encouraged. Required: A French-English dictionary.

AP FRENCH LANGUAGE (11315)

Grade Level: 11-12. Yearlong. Prerequisite: French 3 and French 4 and the AP teacher’s recommendation. Students who have not had French 4 must see the AP teacher for diagnostic testing and placement in the class. This class offers students the chance to prepare for the French Language AP exam, and is the equivalent of a fifth semester college course. Students will read, discuss, and write about selections from a variety of sources: print media, books, movies, internet, etc. They will focus on comparing and analyzing different perspectives on a topic, and will do research and make presentations on selected cultural themes. They will review grammar and structures as needed to improve their accuracy in using the language. The class will be conducted entirely in French. Required: A French-English dictionary.

MULTI-LANGUAGE LAB (11520)

(East) Grade Level: 9-12. One Semester. Lab Fee: $25.00. Prerequisites: None. This course will provide students with a variety of language offerings beyond traditional foreign language offerings through both in classroom interactive opportunities and online resources. Small group language cohorts will be a part of this course to assist students in their development of language skills and the areas of Communication, Culture, Connections, Comparisons, and Communities.

SIGN LANGUAGE I (11500)

(East) Grade Level: 9-12. Yearlong. This course is designed for the regular hearing student who shows an interest in learning sign language. It consists of a sequential curriculum of finger spelling and signs. Students will learn approximately 900 words over the course of the year.

SIGN LANGUAGE II (11503)

(East) Grade Level: 10-12. Yearlong. Prerequisite: Sign Language 1. Fee: $5.00/packets. This course is developed as a second year sign language class. It consists of a continuation of the vocabulary with increased focus on American Sign Language and interpreting.
SIGN LANGUAGE III (11506)

(East) Grade Level: 11-12. Yearlong. Prerequisite: Sign Language 1 and Sign Language 2. The goal of this course is to increase the student’s pragmatic skills in using sign language, with an increased emphasis on using American Sign Language (ASL) and distinguishing it from Conceptually Accurate Signed English. The class will also study Deaf Culture and its impact on sign language.

SIGN LANGUAGE IV (11509)

(East) Grade Level: 12. Yearlong. Prerequisite: Sign Language 1, 2, and 3. The goal of this course is to continue development of the student’s skills using sign language with increased emphasis on American Sign Language and its differentiation from Conceptually Accurate Signed English. Deaf culture and its impact on sign language will also continue to be studied.

SPANISH I (11100)

Grade Level: 9-12. Yearlong. This course is an introduction to the language, customs, and culture of Spanish speaking countries. The basic structure of the language is covered with an emphasis on speaking, listening, reading and writing skills.

SPANISH II (11103)

Grade Level: 9-12. Yearlong. Prerequisite: Spanish 1. This course reinforces and expands skills from the previous year. Emphasis continues to be on building proficiency in the Spanish language. Studies regarding the customs and culture of the Spanish speaking world continue.

SPANISH III (11106)

Grade Level: 10-12. Yearlong. Prerequisite: Spanish 1 & 2. Further practice in self expression in Spanish is provided. Reading and composition skills are developed further. Exposure to Spanish culture and customs continues.

SPANISH IV (11109)

Grade Level: 11-12. Yearlong. Prerequisite: Spanish 1, 2, & 3. Students in this course continue to develop their listening, speaking, reading, and writing skills. Cultural enrichment is presented in the area of history, geography, art, music, and literature. Videos, slides, tapes, and other media help the student to advance his/her study of the Spanish language and culture. The study of the structure of the language is also continued.

AP SPANISH LANGUAGE & CULTURE (11115)

Grade Level: 11-12. Yearlong. Prerequisite: Spanish 3 and Spanish 4 and the AP teacher’s recommendation. Students who have not had Spanish 4 must see the AP teacher for diagnostic testing and placement in the class. This class offers students the chance to prepare for the Spanish Language AP exam, and is the equivalent of a fifth semester college course. Students will read, discuss, and write about selections from a variety of sources; print media, books, movies, internet, etc. They will focus on comparing and analyzing different perspectives on a topic, and will do research and make presentations on selected cultural themes. They will review grammar and structures as needed to improve their accuracy in using the language. The class will be conducted entirely in Spanish. Required: A Spanish-English dictionary. *quality points/weighted grade

SPANISH FOR NATIVE SPEAKERS I (11118)

Grade Level: 9-12. Yearlong. This class is designed to meet the needs of Spanish heritage learners. Hispanic students who already can understand and speak some Spanish should take this course instead of the regular Spanish sequence. Students will build upon their Spanish language skills, with special attention to strengthening their reading and writing. Standard Spanish will be used to help prepare students to use the language appropriately in job settings and to start to prepare for the Spanish Language AP test. Students will also increase their awareness and understanding of their own cultural heritage and that of the other Spanish speaking countries in the world.

SPANISH FOR NATIVE SPEAKERS II (11121)

Grade Level: 10-12. Yearlong. This class is a continuation of Spanish for Native Speakers 1 designed to meet the needs of Spanish heritage learners. Hispanic students who already can understand and speak Spanish should take this course next in the sequence following Spanish for Native Speakers 1. Students will build upon their Spanish language skills, with special attention given to strengthening their reading and writing. Increasing the awareness and understanding of their own cultural heritage along with that of the other Spanish speaking countries will be continued as well.
Driver Education/ROTC

Driver Education

Driver Education (16203)

Grade Level: 9-12. One Semester. Prerequisite: 15 years of age. State law requires students to have received a passing grade in at least eight courses during the previous two semesters before he/she can be enrolled in Driver Education. A Declaration of Intent must be completed by the Parent/Guardian in which states that the student must be enrolled in a DRED class with in twelve calendar months.

Driver Education Fees:

A $250.00 fee is required payable to RPS 205, plus a $20.00 Illinois State permit fee to be paid to the Secretary of State. Please note: students that qualify for a district fee waiver will get the district driver education fee waived NOT the State fee. Any re-enrollment in DRED due to previous failure or drop will require the $250 DRED fee to be paid, regardless of any waivers.

Students will receive safe instruction in the safe operation of motor vehicles, rules of the road, and the laws of the State relating to motor vehicles. The course meets the legal requirements of the State in preparing students to become safe and efficient users of the highway transportation system. To successfully complete the course, students must be in attendance a minimum of 30 clock hours, no exceptions. Driver Education is taught in two phases Classroom Instruction (30 hours) & Behind the Wheel (BTW) driving (minimum of 6 hours). Students’ BTW phase may take place outside of regular school day. A student must earn a minimum grade of 79% to pass the course.

Students must pass the Illinois State Vehicle Code Permit Test, a vision exam and obtain an instructional permit to advance to the BTW phase. During the BTW phase, students will earn a Pass/Fail grade and may be eligible for the Cooperative Driver Testing Program’s (CDTP) waiver. Students who earn a grade of “B” or better in the classroom, attend all scheduled BTW drives and provide proof of 15 hours of GDL driving with P/G will be eligible to take the CDTP test administered by RPS 205 instructors. Parents are, according to the State Graduated Driver License (GDL) law, responsible for a minimum of 50 hours of supervised driving (of which 10 hours must be night driving) with their son/daughter and to record this on a document to be turned in to the Secretary of State office when the student obtains his/her license.

**Note: Law PA 98-167: Requires all 18-20 year olds to take a driver education course before obtaining a driver’s license. The RPS 205 DRED course meets this state requirement.

ROTC

JROTC 9-12 (16500)

(Auburn) Grade Level: 9-12. Yearlong. JROTC has four course levels which all include academics, physical fitness and practical exercises. The program initially focuses on character development, teamwork, organizing, individual responsibility and other life and academic success skills. As students progress in the program they assume increasing levels of leadership responsibility and staff roles during practical exercises to plan, organize and publicize various school activities and community support events (Labor Day, Open House, Varsity Athletic Meets and Games, Veterans’ Day, Christmas Caroling, Military Ball, Awards Banquet, Memorial Day and Fourth of July). Extra-curricular activities include interscholastic competition drill, color guard and marksmanship teams. Enrollment is limited.

ROTC/Driver Education (16503)

(Auburn) Grade Level: 10-12. One Semester Each. The student is enrolled in JROTC for one semester. Age and the number of high school credits as required by the State will determine admission into Driver Education for one semester.
FRESHMAN BOYS PHYSICAL EDUCATION (16120)

Grade Level: 9. One Semester. This course is designed to increase fitness levels using a variety of exercise modes including, but not limited to: team sports, strength and conditioning, aquatics, and personal fitness options. Heavy emphasis will be placed on team sports and strength and conditioning. Students will learn proper movement patterns, determine heart rate and fitness outcomes relative to each activity, and explore the benefits of teamwork and competition. Students will also learn optimal training methods for maintaining healthy body composition levels. Required: Students will provide their own swimsuits and towels. (Boys- lined swim trunks).

FRESHMAN GIRLS PHYSICAL EDUCATION (16123)

Grade Level: 9. One Semester. This course is designed to increase fitness levels using a variety of exercise modes including, but not limited to: personal fitness options, aquatics, strength and conditioning, and team sports. Heavy emphasis will be placed on personal fitness options. Students will learn proper movement patterns, determine heart rate and fitness outcomes relative to each activity, and explore the benefits of teamwork and competition. Students will also learn optimal training methods for maintaining healthy body composition levels. Required: Students will provide their own swimsuits and towels. (Girls-1 piece swimsuit).

FITNESS AND RECREATIONAL DANCE (16400)

Grade Level: 10+. One Semester. Fitness and Recreational Dance is designed to increase fitness levels through the use of dance skills and related experiences. Traditional and contemporary dance styles will be included in the course. Dances may include, but are not limited to: fox trot, swing, polka, cha-cha, hip hop, waltz, tango, rumba, and line dances. Fitness and Recreational Dance includes heavy emphasis on fitness concepts and conditioning.

GROUP EXERCISE (16350)

Grade Level: 10+. One Semester. Group Exercise is designed to improve fitness levels through group exercise activities. Activities may include, but are not limited to: Pilates, yoga, metabolic resistance training circuits, and high intensity interval training (HIIT). Group Exercise includes heavy emphasis on fitness concepts and conditioning.

HEALTH (16000)

Grade Level: 9-12. One Semester. Students are required to take one semester of Health during high school. Health includes the following topics: mental and emotional health, stress management, CPR and first aid, understanding medicines, tobacco, alcohol, illegal drugs, human growth and reproduction, and health careers/agencies. Most buildings offer this either freshman or sophomore year. See high school counselor for building recommendations.

LIFEGUARD/WATER SAFETY INSTRUCTOR (16343)

Grade Level: 10+ (9th grade students may enroll with instructor permission). One Semester. Red Cross Administration Fee: $35. Prerequisite: Successful completion of required competencies AND instructor approval.

Lifeguarding- The purpose of the American Red Cross Lifeguarding course to provide entry-level lifeguard participants with the knowledge and skills to recognize, respond to, and prevent aquatic emergencies, as well as provide care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services personnel take over. Prerequisite: 300 yard swim using front crawl or breaststroke, 2 minute treading water,
and complete a 1 minute and 40 seconds timed event swimming with a front surface dive into the deep end to retrieve a 10lb brick.

**Water Safety Instructor** - The purpose of the American Red Cross Swimming and Water safety program is to teach people how to be safe in, on, or around water and to teach individuals of different ages and abilities how to swim.

**Prerequisite:** Students have to be able to swim.

All students enrolled will be assessed for individual growth using a 10-minute swim assessment. Additional assessments may also be used.

**PERSONAL FITNESS (16353)**

**Grade Level:** 10-12 (9th grade students may enroll with instructor and counselor approval). **One Semester.**

Personal Fitness is a semester course designed for students who are interested in increasing their personal fitness levels, learning how to live a healthy lifestyle and make appropriate choices, and increase their awareness of community recreational and fitness opportunities. This course is designed for students who want to improve their personal fitness and prefer a gradual approach.

**TEAM STRENGTH AND CONDITIONING (16340)**

**Grade Level:** 10+ (9th grade students may enroll with instructor and coaches’ permission). **One Semester.**

Strength and Conditioning is a rigorous course designed to improve strength, speed, power and conditioning levels. The class includes: weightlifting, strength training, plyometric, speed, agility, and conditioning. Strength and conditioning includes heavy emphasis on performance enhancement and injury prevention through proper training. All students will be assessed via strength and conditioning testing which may include strength and power, speed and agility, and conditioning testing.

**TEAM SPORTS (16356)**

**Grade Level:** 10+. **One Semester.** Team Sports is designed to increase fitness levels through the use of competitive team games and modified sport situations. This course may include: basketball, volleyball, softball, soccer, flag football, broomball, speedball, ultimate Frisbee, rugby, handball and/or additional sports. Team Sports includes heavy emphasis on fitness concepts and conditioning.

**ELECTIVES**

These courses do not count toward meeting the daily PE requirement from the state.

**EXERCISE SCIENCE I (16364)**

**Grade Level:** 10-11. **Yearlong.** This is the first class in a course sequence designed to prepare students for the ACE Fitness personal trainer certification and group exercise instructor certification. This course will provide a foundational knowledge base in the areas of anatomy, bioenergetics, exercise physiology, biomechanics, acute and chronic adaptations to anaerobic and aerobic exercise, and nutrition. **This course is considered a PE elective and does NOT count toward meeting the daily PE requirement from the state. Students will need to enroll in a PE, Health, or Driver’s Education course.**

**EXERCISE SCIENCE II (16367)**

**Grade Level:** 11-12. **Yearlong.** This course is the second step in the Exercise Science Pathway. It will begin to incorporate application and programming to the foundational skills and concepts learned in Exercise Science I. Students will begin to perform assessments and analyze results, create programs based on assessment data, and hone their exercise technique and coaching skills. **This course is considered a PE elective and does NOT count toward meeting the daily PE requirement from the state. Students will need to enroll in a PE, Health, or Driver’s Education course.**
Fine Arts - Visual Arts

INTRO TO ART & DESIGN (15155)

Grade Level: 9. One Semester. Lab Fee: $15.00. This course emphasizes developing creative ideas and problem-solving skills while providing students with an introduction to the visual arts. This class will give students the foundation necessary to expand into more specialized art areas. The studio activities will focus on design and composition while developing skills and an understanding of drawing, painting, sculpture, and computer imaging. Students will explore a variety of media and techniques as well as deepen their appreciation of art making through a global and historical perspective. Units are constructed to engage student learners while helping them see, analyze, create, understand, and articulate their experiences of the visual world.

ART FOUNDATIONS (15100)

Grade Level: 9-12. Lab Fee: $25.00. This course is an overview of visual arts. Students will explore traditional and experimental media. Students will study visual art work from a variety of cultures and time periods. This is a beginning model for art criticism and the basis for further art study. An emphasis is placed on learning how to draw, paint and print as well as develop good studio habits, craftsmanship, and visual art vocabulary.

2-D STUDIO ART I (15103)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: Art Foundations or consent of instructor. This course is for the interested student to further develop artistic skills. Students will advance and continue their exploration and development of skills begun in Studio Art Foundations. Students will focus on mastering basic drawing and painting skills in a variety of media with special emphasis on experimentation, expression, craftsmanship, and originality. Art history, aesthetics, and critical topics will be presented.

2-D STUDIO ART II (15106)

Grade Level: 11-12. Lab Fee: $25.00. Prerequisite: Studio Art-I or consent of instructor. This course is designed to allow the advanced level art student an opportunity to continue their exploration and development of skills. Study is accelerated enabling highly motivated students to engage in advanced level art production in a variety of 2D media. Emphasis is placed on advanced level technical skills, experimentation, creative expression and personal interpretation. Required: An additional expense for matting artwork for portfolio presentation and exhibition.

2-D STUDIO ART III (15109)

Grade Level: 12. Lab Fee: $25.00. Prerequisite: Studio Art-II or consent of instructor. This course requires portfolio development. A portfolio is a presentation of a body of art work with consistent quality, related themes, and demonstrates independent work ethic and craftsmanship representing a wide range of media. This course is for those students interested in college, art school, or visual art employment. Required: An additional expense for matting artwork for portfolio presentation and exhibition.
AP STUDIO ART: DRAWING (15141)*

Lab Fee: $25.00. Prerequisite: 2-D Studio Art-II. AP Studio Art: Drawing is designed to address drawing issues and media. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to show mastery in concept, composition, and execution of drawing. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: Drawing must take the AP exam which is a performance based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. Required: An additional expense for matting artwork for portfolio presentation and exhibition.

*quality points/weighted grade

AP STUDIO ART: 2-D DESIGN (15144)*

Lab Fee: $25.00. Prerequisite: Advanced Art. The AP Studio Art: 2-D Design course is designed to address two-dimensional (2-D) design issues and media. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to show mastery in concept, composition, and execution of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: 2-D Design must take the AP exam which is a performance-based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. Required: An additional expense for matting artwork for portfolio presentation and exhibition.

*quality points/weighted grade

3-D SCULPTURE-I (15132)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: Studio Art Foundations. A variety of methods of working with sculpture will be explored. Projects will emphasize problem solving, experimentation, expression, craftsmanship and originality. Historical, contemporary and cultural examples will be studied.

3-D SCULPTURE-II (15135)

Grade Level: 11-12. Lab Fee: $25.00. Prerequisite: 3-D Studio Art-I. This is a third year course for the serious art student. It provides the opportunity for more in-depth study and experimental approaches to 3-dimensional forms. An additional expense is required for displaying sculptures for portfolio presentation and exhibition.

AP STUDIO ART: 3-D DESIGN (15147)*

Lab Fee: $25.00. Prerequisite: 3-D Studio Art-I. AP Studio Art: 3-D Design is designed to address sculptural issues and media. Design involves purposeful decision making about using the elements and principles of art in an integrative way. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to demonstrate mastery in concept, composition, and execution of 3-D design through any three-dimensional approach. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: 3-D Design must take the AP exam which is a performance-based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. Required: An additional expense for matting artwork for portfolio presentation and exhibition.

*quality points/weighted grade

AP ART HISTORY (15138)*

Grade Level: 11-12. Lab Fee: $25.00. This course surveys the visual arts from prehistoric to contemporary times. The survey is global and includes an emphasis on social context and connections between artists, related fine arts, culture and events in the past and today. Students are expected to view, discuss, research and write about the visual arts. Testing and content are designed to prepare students for the AP Art History exam.

*quality points/weighted grade
INTRO TO GRAPHIC DESIGN (15156)

Grade Level: 9. One Semester. Lab Fee: $15.00. This course is an overview introducing students to simple image manipulation on the computer. The class will cover the history of computer graphics and teach industry standard software and procedures. Studio and digital projects will allow students to learn the elements and principles of art as a basis for good design.

GRAPHIC DESIGN I (15123)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: Studio Art Foundations, Intro to Graphic Design and/or Business and Technology Concepts. This course helps students become proficient in two graphic programs currently used by professional designers: Adobe Photoshop and Adobe Illustrator. Skills will be learned in how technology is used in creating photo-edited images. Design and composition will be taught on the computer through the use of these programs.

GRAPHIC DESIGN II (15126)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: Graphic Design-I or Intro to Graphic Design and/or consent of instructor. The intent of this course is to allow students to review and expand on the knowledge and skills that they have learned in the prerequisite. Students will use graphic programs used by professional designers: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Skills will be used to edit images, create computer illustrations, and layout designs. Design and composition skills will be emphasized to create computer graphics suitable for both print and web-based applications. Students will also develop a digital portfolio to showcase their artwork.

GRAPHIC DESIGN III (15160)

Grade Level: 11-12. Lab Fee: $15.00. Prerequisite: Graphic Design II. This course will build upon the knowledge and skills learned in Graphic Design II. This course is the capstone course at the end of the Graphic Design Academy Pathway. The course allows students to finish the three year Graphic Design program with a strong design background and a high level of competency using digital imaging, computer aided drawing, and page layout programs. Graphic Design III will introduce advanced level software allowing students an exposure to industry standard certification level coursework. This course allows students to be fully immersed in the field of graphic design through the use of practical application units which lead to the development of an advanced level portfolio for college acceptance and/or job placement.

3-D MODELING AND ANIMATION (15113)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisites: Intro to Graphic Design or Graphic Design-I. This course offers an introduction to the world of computer generated 3-D modeling and animation. As an introductory course, it provides a basic understanding of the skills and techniques employed by 3-D designers. In this course, students will explore basic mesh modeling, applying textures and materials to 3-D objects, lighting, animation and rendering.

MEDIA PRODUCTION I (21206)

Grade Level: 11-12. Lab Fee: $25.00. Prerequisite: Graphic Design I. Designed to provide students with solid, introductory level experiences in a variety of media forms, including television, radio, film and the Internet. This course will survey the historical and social significance of the media in our culture. Students will develop a basic working knowledge of the tools used in the production of media projects. Communication, leadership, creative problem solving, teaming and interpersonal skills will be of high priority. As both an interdisciplinary course and a resource for all school departments, the students will have multiple opportunities to engage in creative work through the use of appropriate and current technology.

MEDIA PRODUCTION II (21209)

Grade Level: 12. Lab Fee: $25.00. Prerequisite: Media Production I. A continuation of training with an emphasis on placement in the professional community through internships. The focus of instruction will be on the development of training and industrial films. Required: Fifteen after school studio hours per semester.
BEGINNING ORCHESTRA (15250)

Grade Level: 9. Orchestra Fee: $25.00. Rental Fee: $60.00 if renting a school instrument. This course is designed to develop the instrumental music skills of the beginning high school student. Students will perform quality literature representing all time periods, and genres. The emphasis of this performance based group will be placed on skills and techniques of the instrument by the student, sight reading, and ensemble performing skills. This course may only be taken once. **Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.**

CONCERT ORCHESTRA (15200)

**Orchestra Fee:** $25.00. Rental Fee: $60.00 if renting a school instrument. **Prerequisite:** Middle School orchestra or consent of instructor. The course emphasis is on string techniques, literature and performance. Students may audition for the Advanced Strings Ensemble, an extra-curricular seminar whose rehearsal schedule will be determined by the instructor and its members. This ensemble will perform at school as well as in the community. Students may enroll in this course for more than one year. **Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.**

SYMPHONIC ORCHESTRA (15253)

**Orchestra Fee:** $25.00. Rental Fee: $60.00 if renting a school instrument. **Prerequisite:** Audition. This course is an advanced group of musicians who work on advanced techniques, literature, and performance. The music studied advances performance skills and covers all periods and styles. Concerts will include playing full orchestra music including wind, brass, and percussion players. This class is offered for students who are interested in performing advanced orchestral literature. **Required: outside of class time spent rehearsing/performing is part of the assessment for this class.** Students are also encouraged to participate in statewide festivals and competitions. Students will be assigned small ensembles (i.e., trios, quartets) to rehearse in class. These ensembles will have opportunities to perform at special District 205 and community events. Students may enroll in this course for more than one year.

BEGINNING BAND (15203)

**Grade Level:** 9-12. **Band Fee:** $25.00. **Rental Fee:** $60.00 if renting a school instrument. This course is open to students who have never played a band instrument or current music students who would like to learn a secondary instrument. This group will study the basics of playing an instrument and music reading. **Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.**

FRESHMAN BAND (15206)

(J-Hawk, Knight, E-Rabs, Viking) **Band Fee:** $25.00. **Rental Fee:** $60.00 if renting a school instrument. **Prerequisite:** Middle school and or consent of instructor. This band is made up of all freshmen rolling up from the middle school program, developing technical proficiency and musical knowledge. **Required: Several performances throughout the year and mandatory outside of class time spent rehearsing/performing is part of the assessment for this class.**

CONCERT BAND (15212)

**Grade Level:** 10-12. **Band Fee:** $25.00. **Rental Fee:** $60.00 if renting a school instrument. **Prerequisite:** Beginning Band, Freshman Band or consent of instructor. This course allows for continuing the development of instrumental musicianship into the 2nd year of high school. **Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.**
**WIND ENSEMBLE (15209)**

*Grade Level: 11-12. Band Fee: $25.00. Rental Fee: $60.00 if renting a school instrument. Prerequisite: Consent of instructor. The material performed will be of an advanced nature. Required: Several performances throughout the year and mandatory outside of class time spent rehearsing/performing is part of the assessment for this class.*

**JAZZ ENSEMBLE (15215)**

*Grade Level 10-12. Band Fee: $25.00. Rental Fee: $60.00 if renting a school instrument. Prerequisite: Must be enrolled in another band and consent of instructor. The Jazz Ensemble offers its members an exposure to jazz and rock music. The group performs at functions outside of school including college jazz festivals and programs for civic organizations. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.*

**ACOUSTIC GUITAR ENSEMBLE (15221)**

*Grade Level: 10-12. Lab Fee: $25.00. Beginning and intermediate guitar students study the techniques of guitar playing, rhythm section playing, sight reading, various styles of music and basic musicianship. Guitar techniques include chords, scales, strums and picking styles. This course may not be repeated.*

**ADVANCED PIANO KEYBOARD (15227)**

*Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: Audition. This is an advanced piano class where students work individually on their own keyboards to improve reading, technical, and performance skills. Advanced skills will be emphasized including all major and minor scales, arpeggios, improvisation, and more advanced music theory. Students will also work on their own compositions with music technology. Participants are expected to perform as an individual and as ensemble throughout the year at various school and community events.*

**BEGINNING PIANO KEYBOARD (15224)**

*Grade Level: 9-12. Lab Fee: $25.00. This course is a group piano class where students work individually on their own keyboard. Students will improve reading, technical, and performance skills. Basic skills will be taught including scales, etudes, and music theory. Participants are expected to perform as an individual and an ensemble throughout the year at various school and community events.*

**MUSIC EXPLORATIONS (15240)**

*Grade Level: 9-12. One Semester. Lab Fee: $25.00. This beginning level course is designed as an overview and introduction to music appreciation and exploration, through hands-on lab stations and presentations. Labs include: piano keyboard, acoustic guitar, voice, rhythm instruments, computer, listening, reading and writing about music from all over the world and from various time periods.*
ARTS AND HUMANITIES (15150)

Grade Level: 9-12. One Semester. Lab Fee: $25.00. This course is designed to investigate the cultural impact the arts have had on society over time. The course will look at ancient and contemporary arts examples to distinguish their relevance and connections to cultural and historical aspects of each time period.

AP MUSIC THEORY (15230)*

Grade Level: 10-12. Yearlong. Lab Fee: $30.00. Prerequisite: Prior musical experience. This course is for students interested in a college equivalent Music Theory course. This course follows the Advanced Placement (AP) curriculum. Topics addressed in depth include musicianship, theory, musical materials, and procedures. Students who successfully pass the AP Music Theory proficiency exam may receive college credit. *quality points/weighted grade

CHORUS (15303)

Grade Level: 9. Chorus Fee: $25.00. This mixed choir course is designed to develop the choral skills of the beginning high school singer. Students will perform quality literature representing all time periods, genres, and languages of choral music. The emphasis of this performance based choir will be placed on vocal production, sight reading, and aural skills. Chorus may only be taken once. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

CONCERT CHORALE (15309)

Grade Level: 9-12. Chorale Fee: $25.00. Prerequisite: Audition. This course is designed to fully develop the chorale/musicianship skills of the advanced high school singer. Students will perform quality literature representing all time periods, genres, and languages of choral music. Strong emphasis will be placed on independent musicianship, analysis of text, and interpretation. Students may enroll in Concert Chorale for more than one year. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.
Fine Arts - Theatre Arts

INTRO TO ACTING (15418)

Grade Level: 9. One Semester. Lab Fee: $25.00. This course introduces students to the complex aspects of Acting in the entertainment business. Students discover the many and varied elements of acting styles, movement techniques, voice manipulation and characterization application in scene performances. Also, audition training and skills, along with improvisation techniques, and a brief background in theatre history are discussed. This course provides the student with a basic working vocabulary of the business and an understanding of the necessary techniques and methods that help meld together the creative and acting elements. This course enables the student to explore different acting career opportunities and leads them towards the option of choosing acting as a pathway in the Human and Public Services Academy (HPS). This course emphasizes the importance of real world skills such as collaboration, teamwork, decision-making, the duality of right-brained and left-brained skills, long range and short term planning, meeting deadlines, critical thinking, and the pride of creating a final scene performance product. 

Requirements: Attend or be part of a school’s stage production, write an Acting Critique of a live stage production.

ACTING I (15400)

Grade Level: 9-12. Lab Fee: $25.00. This course includes and expands with more in depth application of Intro to Acting; an overview of the actor’s craft. Students will learn theatrical terminology, improvisation, pantomime, and character study. Class members will perform monologues, scenes, and short plays. Students will learn about theatre history, dramatic structure and style, criticism and theatre etiquette. Requirements: Attend or be part of a school’s stage production, write an Acting Critique of a live stage production.

ACTING II (15403)

Lab Fee: $25.00. Prerequisite: Intro to Acting or Acting-1. Various acting techniques will be explored through improvisation, monologues, and scene work. Students will also learn the fundamentals of play direction. Class members may be required to perform in the performance based assessment; a one act play.

ACTING & DIRECTING (15406)

Lab Fee: $25.00. Prerequisite: Acting-2. This course is a third level course where class members may be required to aid in the production of a one-act. Emphasis is on directing and stage management. Requirement: Attendance at several current productions.

THEATRE SEMINAR (15409)

Lab Fee: $25.00. Prerequisite: Acting and Directing. This course is a fourth level course where students will continue a more in-depth study of acting, directing, production, and period styles. Students will investigate the development of a production resulting in a performance. Requirement: Attendance at several current productions.

INTRO TO TECH THEATRE (15419)

Grade Level: 9. One Semester. Lab Fee: $15.00. This course introduces the student the complex workings behind the scenes. Students discover the many and varied elements of stagecraft needed to mount a stage production: scenic, lighting, sound, publicity, costuming and make up. In addition, this course provides the student with a basic working vocabulary of the business and an understanding of the necessary procedures and methods that help meld together the creative and technical elements. The class explores the variety of career opportunities in the field and leads students towards the option of choosing Technical Theatre as a Pathway in the Human and Public Services Academy (HPS). This course emphasizes the importance of real-world skills such as collaboration, teamwork, decision-making, the duality of right-brained and left-brained skills, long range and short term planning, meeting deadlines, critical thinking, and the pride of creating a final product. Requirements: 5 or more hours of crew work, attend or be part of a school’s stage production, write a Technical Critique of a live stage production.
TECH THEATRE I (15412)

**Grade Level:** 9-12. **Lab Fee:** $25.00. This course includes and expands in more depth what happens behind the curtain. Students will learn the basics of set design, lighting, sound, props, makeup, set construction and costumes. Tech Theatre will assist in the production of the all-school plays. **Requirement:** crew hours outside of class time, participation in school stage production.

TECH THEATRE II (15420):

**Grade Level:** 10-12. **Lab Fee:** $25.00. **Prerequisite:** Intro to Tech or Tech Theatre I. This course is the first full year course offering in the Technical Theatre Pathway in the Human and Public Services Academy (HPS), and continues the logical process of Technical Theatre methods. The student will gain more in-depth training using the theatre facility’s equipment and complete projects as proof of their training. The student will receive advanced training in scenic construction, lighting, sound, rigging and knots, scenic painting, make up application, costume design, drafting and scene design, model-building, and poster and playbill design. The student will use their training and knowledge to help run the school’s play and musical productions as well as becoming technical support for other programs held in the Auditorium. Students will use theatre vocabulary and language as an efficient and accurate way to communicate their ideas and information. Students will put into practice the importance of real world skills such as collaboration, teamwork, decision-making, the duality of right-brained and left-brained skills, long range and short term planning, meeting deadlines, critical thinking, by majorly contributing to the success of the schools stage plays and musicals. **Requirements:** 15 or more hours of crew work, must be part of a school’s stage productions as a crew member or a position of Leadership, write a Technical Critique of each live stage production put on by the Theatre Department, and be a Technical Director for one of the Theatre Department’s one-act plays.

ADVANCED TECHNICAL THEATRE (15415)

**Prerequisite:** Tech Theatre II. This course is a progressive and advanced course introducing students to the theory of theater technology. It includes participation in construction, mounting, and running of school productions. **Requirements:** Lab fee and twenty hours outside of class time.

THEATRE PRODUCTION (15425)

**Lab Fee:** $25.00. **Prerequisite:** Advanced Technical Theatre. This course is the capstone of the Tech Theatre pathway, focusing on original production designs constructed, mounted and run for theater productions. Portfolios and resumes development will prepare students for college reviews. **Requirement:** Twenty hours outside of class time.
Dual credit courses are offered in order to provide students access to rigorous course options aligned with the post-secondary plans. Courses on this list are approved RPS 205/Rock Valley College Dual Credit courses. If you enroll in and complete the RVC course(s) listed on the left at Rock Valley College, you will receive high school credit for the corresponding course on the right. Students are responsible for all course tuition, associated fees, and the cost of books. Students should work with their school counselor to obtain a Dual Credit/Dual Enrollment Agreement form. The signed enrollment packet should be submitted to the RVC High School Connections Office.

### Course taken at Rock Valley College

<table>
<thead>
<tr>
<th>Course taken at Rock Valley College</th>
<th>RVC Credits</th>
<th>District 205 Course</th>
<th>HS Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 120: College Algebra</td>
<td>3</td>
<td>13400U: College Algebra</td>
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<tr>
<td>MTH 125: Plane Trigonometry (prereq MTH 120)</td>
<td>3</td>
<td>13412U: Trigonometry</td>
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<tr>
<td>MTH 132: Pre-Calculus</td>
<td>5</td>
<td>13330U: Pre-Calculus</td>
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<tr>
<td>MTH 135: Calculus I (prereq MTH 120 &amp; 125 or 132)</td>
<td>5</td>
<td>13462U: Calculus I</td>
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<tr>
<td>MTH 235: Calculus II (prereq MTH 135)</td>
<td>4</td>
<td>13463U: Calculus II</td>
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</tr>
<tr>
<td>MTH 236: Calculus III (prereq MTH 235)</td>
<td>4</td>
<td>13464U: Calculus III</td>
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<tr>
<td>MTH 220: Elements of Statistics</td>
<td>3</td>
<td>13423U: Elements of Statistics</td>
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### MATH

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<tr>
<th>Course taken at Rock Valley College</th>
<th>RVC Credits</th>
<th>District 205 Course</th>
<th>HS Credits</th>
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<tr>
<td>BIO 103: Introductory Life Sciences</td>
<td>3</td>
<td>14220U: Introductory Life Sciences</td>
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<tr>
<td>BIO 104: Introductory Life Science Lab</td>
<td>1</td>
<td>14221U: Life Sciences Lab</td>
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<tr>
<td>CHM120: General Chemistry I (prereq MTH 120 + HS Chemistry)</td>
<td>4</td>
<td>14320U: General Chemistry I</td>
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<tr>
<td>PHY 201: Mechanics and Heat (prereq MTH 125)</td>
<td>5</td>
<td>14422U: Physics: Mechanics and Heat</td>
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<tr>
<td>PHY 202: Waves, Electricity, and Modern Physics (prereq PHY 201)</td>
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<td>14423U: Physics: Waves, Electricity, and Modern Physics</td>
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<tr>
<td>BIO 185: Foundations of Anatomy and Physiology (prereq BIO 103 &amp; CHM 120)</td>
<td>5</td>
<td>14603U: Anatomy &amp; Physiology</td>
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### SCIENCE

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<tr>
<th>Course taken at Rock Valley College</th>
<th>RVC Credits</th>
<th>District 205 Course</th>
<th>HS Credits</th>
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<tr>
<td>ENG 101: Composition I</td>
<td>3</td>
<td>10300U: English 11 OR 10400U: English 12</td>
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<tr>
<td>ENG 103: Composition II</td>
<td>3</td>
<td>10400U: English 12</td>
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<tr>
<td>SPH 131: Fundamentals of Communication</td>
<td>3</td>
<td>10640U: Speech 1-2</td>
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<tr>
<td>SPH 132: Public Speaking</td>
<td>3</td>
<td>10643U: Speech 3-4</td>
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### ENGLISH & LANGUAGE ARTS
### Rock Valley College Dual Credit

**STUDENTS ARE RESPONSIBLE FOR ALL COURSE TUITION, ASSOCIATED FEES, AND THE COST OF BOOKS.**

<table>
<thead>
<tr>
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<th>RVC Credits</th>
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<tr>
<td><strong>SOCIAL STUDIES</strong></td>
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<tr>
<td>HST 142: US Pre 1865</td>
<td>3</td>
<td>12150U: US History pre 1865</td>
<td>2*</td>
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<tr>
<td>HST 143: US Post 1865</td>
<td>3</td>
<td>12151U: US History post 1865</td>
<td>2*</td>
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<tr>
<td>ECO 101: Introduction to Economics</td>
<td>3</td>
<td>12222U: Introduction to Economics</td>
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<tr>
<td>PSC 160: Government</td>
<td>3</td>
<td>12219U: Government</td>
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<tr>
<td>PSY 170: General Psychology</td>
<td>3</td>
<td>12400U: Psychology</td>
<td>2</td>
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<tr>
<td>SOC 190: Introduction to Sociology</td>
<td>3</td>
<td>12410U: Sociology</td>
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<td><strong>FOREIGN LANGUAGE</strong></td>
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<td>FRN 102: Continuation of Beginning French (prereq FRN 101)</td>
<td>4</td>
<td>11303U: French 2</td>
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<tr>
<td>FRN 203: Intermediate French</td>
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<td>11306U: French 3</td>
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<tr>
<td>FRN 204: Continuation of Intermediate French (prereq FRN 101)</td>
<td>3</td>
<td>11309U: French 4</td>
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<tr>
<td>SPN 102: Continuation of Beginning Spanish (prereq SPN 101)</td>
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<td>11103U: Spanish 2</td>
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<tr>
<td>SPN 203: Intermediate Spanish</td>
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<td>11106U: Spanish 3</td>
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<tr>
<td>SPN 204: Continuation of Intermediate Spanish (prereq SPN 101)</td>
<td>3</td>
<td>11109U: Spanish 4</td>
<td>2</td>
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<tr>
<td>GRM 102: Continuation of Beginning German (prereq GRM 101)</td>
<td>4</td>
<td>11203U: German 2</td>
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<tr>
<td><strong>FINE ARTS</strong></td>
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<tr>
<td>ART 115: Introduction to Commercial Arts</td>
<td>4</td>
<td>15123U: Graphic Design</td>
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<tr>
<td>ART 251: History of Art I</td>
<td>3</td>
<td>15112U: History of Art I</td>
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<tr>
<td>ART 252: History of Art II</td>
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<td>15116U: History of Art II</td>
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<td><strong>COMPUTER TECHNOLOGY</strong></td>
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<tr>
<td>PCT 120: Cisco Networking I (prereq CIS 102)</td>
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<td>21213U: Cisco Networking I</td>
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<td>PCT 122: Cisco Networking II</td>
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<td>21214U: Cisco Networking II</td>
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<td>PCT 124: Cisco Networking III</td>
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<td>PCT 126: Cisco Networking IV</td>
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<td>21216U: Cisco Networking IV</td>
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<td>WEB 101: Programming Related to the Web (prereq CIS 102)</td>
<td>4</td>
<td>15129U: Fundamentals of Web Design</td>
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<tr>
<td>CIS 240: Intro to JAVA Programming (prereq CIS 102)</td>
<td>4</td>
<td>13440U: Computer Science A</td>
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</tbody>
</table>

* Eligible for Quality Points for the 2018-2019 school year

**NOTE:** Students are responsible for submitting an official grade report to their home high school upon course completion to receive high school credit.
BUSINESS & ADMINISTRATIVE SERVICES
ALL BUSINESS CLASSES HAVE A LAB FEE

BEGINNING COMPUTER APPLICATIONS (21218)

Grade Level: 9-12. **One Semester. Lab Fee:** Required. This course is an introduction to computer applications including keyboarding, basic computer knowledge, and basic computer operations including word processing and formatting, presentation software, spreadsheets, graphic arts, and programming. Students will be introduced to basic skills in Microsoft Office.

BUSINESS AND TECHNOLOGY CONCEPTS (21100)

Grade Level: 9-12. **Yearlong. Lab Fee:** Required. **Recommended Prerequisite:** Beginning Computer Applications. Students are introduced to core business concepts and the role that business plays in the economic wellbeing of the United States. Topics included are entrepreneurship opportunities, identifying market needs (global and domestic), financing and managing a business, economics of business, and the use of technology in the business world. Students will advance their skill level in Microsoft Office programs.

ADVANCED COMPUTER CONCEPTS AND APPLICATIONS (21103)

Grade Level: 10-12. **Yearlong. Lab Fee:** Required. **Prerequisite:** Beginning Computer Applications or Business Tech Concepts. This course is designed to increase opportunities to succeed in the work force after graduation or continued education at a community college or university. Students will master skills in Microsoft Office Beginning Word, Excel, PowerPoint, and Access. Students successfully completing the course may elect to test for Microsoft Office User Specialist (MOUS) Core Certification.

INFORMATION PROCESSING (21106)

Grade Level: 11-12. **Yearlong. Lab Fee:** Required. **Prerequisite:** Advanced Computer Concepts and Applications. This course is designed to increase opportunities to succeed in the work force after graduation or continued education at a community college or university. Students will master skills in Microsoft Office Expert, Word, Excel, PowerPoint, and Access (Outlook optional). Students successfully completing the course may elect to test for Microsoft Office User Specialist (MOUS) Expert Certification.

ACCOUNTING I (21130)

Grade Level: 10-12. **Yearlong. Lab Fee:** Required. **Recommended Prerequisite:** Business & Tech Concepts. A skill level course valuable to students pursuing business, marketing and management programs. This course provides learning experiences and activities for keeping, summarizing and analyzing financial records. In addition to stressing fundamental concepts and terminology of accounting, instruction will provide initial understanding of financial reports, computer applications, development of proper work habits and employability skills, and exploration of career opportunities. Topics include use of double entry accounting systems, mechanics of the accounting cycle, recording transactions in a general journal, recording transactions in special journals, posting to general journal, posting to special journals, and preparing financial statements particularly concepts for proprietorships and corporations. Additional topics include accounting for special procedures such as cash funds, receivables, payables, depreciation and inventories particularly concepts and procedures for corporations.

ACCOUNTING II (21133)

Grade Level: 11-12. **Yearlong. Lab Fee:** Required. **Prerequisite:** Accounting I. Accounting 2 is a skill level course that builds upon the foundation of Accounting 1. In addition to stressing fundamental concepts and terminology of accounting, this course continues the study of accounting to include the use of special journals and the posting procedures to special ledgers. Additional topics include accounting for special procedures such as cash funds, receivables, payables, depreciation and inventories particularly concepts and procedures for partnerships.
ACCOUNTING III (21136)

Grade Level: 11-12. Yearlong. Lab Fee: Required. Prerequisite: Accounting II. This course expands on topics learned in the first and second year courses while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. The study of a third year of accounting helps qualify students for higher level accounting positions. This course provides an excellent background and preparation for college business and accounting majors. In addition the cost, budgeting, and financial analysis topics are useful tools for the new entrepreneur.

BUSINESS & PERSONAL LAW (2688)

Grade Level: 9-12. Yearlong. Prerequisite: Business and Technology Concepts. Business and Personal Law is a course which develops an understanding of legal rights and responsibilities in personal law and business law with applications applied to everyday roles as consumers, citizens, and workers. The student will have an understanding of the American legal system, courts/court procedures, criminal justice system, torts, the civil justice system, oral and written contracts, sales contracts and warranties, and consumer protection. Legal technology is emphasized.

VIRTUAL ENTERPRISE INTERNATIONAL I (21113)

Grade Level: 10-12. Yearlong. Prerequisite: Business and Technology Concepts. This course is an in-school entrepreneurship program and global business simulation that replicates all the functions of real businesses in both structure and practice. Under the guidance of a teacher-facilitator and business mentors, students create and manage their virtual, internet-based businesses from product development, production and distribution to marketing, sales, human resources, accounting/finance and web design.

VIRTUAL ENTERPRISE INTERNATIONAL II (21116)

Grade Level: 11-12. Yearlong. Prerequisite: Virtual Enterprise I. Enrolling in VEI II provides students with the opportunity to serve in a leadership capacity for classmates new to the course. This course is an in-school entrepreneurship program and global business simulation that replicates all the functions of real businesses in both structure and practice.

COSMETOLOGY

COSMETOLOGY (58100U)

Grade Level: 12. Yearlong. Families are responsible for the materials used in this course which cost several hundred dollars. Courses are taken through the Educators of Beauty who is a state accredited program. This course is offered through CEANCI’s Regional Programs and requires an application and enrollment is limited. Students who enroll in this program will participate in the initial 250 hours of the total 1,500 hours necessary to complete the pro-gram and become eligible to earn a license in the state of Illinois. Course content combines advanced industry knowledge and techniques with total student involve-ment. The program teaches you to see, think, create and adapt as a designer – not just duplicate a hairstyle – so you’ll feel confident creating your own designs or adapting the latest trend.

CRIMINAL JUSTICE

INTRODUCTION TO CRIMINAL JUSTICE (17214U)

A survey of administration of Criminal Justice, including the structure components of the criminal justice system and the stages of the criminal process from the detection of crime and arrest through the prosecution, adjudication, sentencing and correctional intervention. Emphasis is placed upon the analysis of decisions and practices within the context of the entire criminal justice system. Offered for articulated credit with Rock Valley College.
CRIME SCENE INVESTIGATION (UW- PLATTEVILLE) (17217U)

Grade Level: 11-12. Yearlong. Recommended Prerequisite: Criminal Law. This course delves into various types of technology, techniques and equipment used in crime laboratories and by crime scene technicians at a crime scene. Course also provides an overview for the career of crime scene technicians.

EDUCATION PSYCHOLOGY & INTRO TO TEACHING (21312U)

Grade Level: 12. Yearlong. Child and adolescent development, principles of learning and teaching, memory, and motivation are studied with a special emphasis on meeting the needs of individual differences among students. The role of the teacher in assessment, coordination and referral of students to health and social services is also addressed. Offered for articulated credit through Rockford University. Students who complete this course are eligible to apply for the RPS-RU Education Pathway.

FAMILY & CONSUMER SCIENCES

CHILD DEVELOPMENT (21303)

Grade Level: 10-12. Yearlong. Lab Fee: $10.00. This course introduces students to responsible nurturing and basic applications of child development theory. 21st century emphasis is on care providers’ responsibilities for and influences on children. The course content will reinforce students’ skills in communication, resource management and problem solving. It will also highlight the ways infants, toddlers and pre-schoolers develop physically, emotionally, socially and intellectually. Activities include field trips, guest speakers, computer applications for intranet research; problem based learning schemas and tests.

STUDENT LEADERSHIP (21600)

Grade Level: 11-12. Yearlong. Students will have the opportunity to develop leadership skills and techniques which prepare them for effective one-on-one and group work settings. In addition to leadership skills, the course will focus on interpersonal relationships and the value of role models. The application of these skills will be to organize community service events to include mentoring to students in their school.

EDUCATION AND CHILD CARE CAREERS (21309)

Grade Level: 11-12. Yearlong. Lab fee: $25.00 Prerequisite: Child Development. This course is designed to introduce students to the wide variety of careers found in education and to expose them to the licensing and education requirements needed to access careers in education. Students will examine the historical roots of education and examine the current political, economic, and pedagogical factors which impact our schools. During the second semester of this course, students will develop lessons for instruction based in a traditional classroom and through online course offerings. This course will combine opportunities to observe and engage with classrooms, and practice developing, implementing, and assessing curriculum. Through this course students are able to complete the necessary course work to earn a Gateways Early Child Education Level 1 certification.

HEALTH OCCUPATIONS

INTRODUCTION TO HEALTH CARE OCCUPATIONS (21514)

Grade Level: 10-12. Yearlong. This is a comprehensive, yearlong course that seeks to investigate the health care delivery system, its services and occupations. Students will be exposed, through an exploratory approach to an understanding of employment opportunity areas in the field of health and health services. Instructional will be provided in a variety of skills that are vital to all health sciences occupations. A strong focus on communication, technology, career development and information literacy will prepare students to be strong candidates both for continuing education and employment.

MEDICAL TERMINOLOGY (21517)

Grade Level: 11-12. Yearlong. Prerequisite: Introduction to Health Occupations. Medical Terminology provides study of a wide range of medical terminology. The course
Career & Technical Education

is of value to those preparing for careers as healthcare provider, diagnostic careers, and medical office careers including medical office assistants, medical transcriptionists, medical coders, and others. Course content includes building medical terms from word parts and specific medical terms relating to body systems, diseases, diagnosis, surgical and medical care, abbreviations, medications, and other medical terms.

MEDICAL SCIENCE I (21500)

Prerequisites:
• Students must apply and complete an interview.
• Must have a minimum grade of a “B” in core courses.
• Limited absences and tardies from previous year.
• The following medical requirements are necessary: Hepatitis B vaccine, a two-step Mantoux tb test, a physical, influenza vaccine, and documentation of current immunization status

This course is designed for juniors and/or seniors interested in a health care career. The student spends 2 hours per day, five days a week, at Rockford Health System, learning a core of knowledge and skills needed for many health care fields. Students will have the opportunity to shadow various health care professionals such as physical therapists, nurses and x-ray technicians. Students will have the opportunity to obtain Illinois Nurse Assistant Certification approved by the Illinois Department of Public Health. In addition, safety, assessment (temperature, pulse, respiration and blood pressure), patient transport, personal care techniques and other general health care skills are addressed. Required: Students will need to provide their own uniform.

INDUSTRIAL & ENGINEERING TECHNOLOGY

EXPLORING ENGINEERING (21470)

Grade Level: 9-12. One Semester. Lab Fee: $15.00. This semester course uses a problem based learning paradigm and introduces students to the connections between Science, Technology, Engineering, and Mathematics (STEM). Students work in teams to complete hands-on projects in support of creativity and critical thinking.

This course introduces students to the Engineering, Manufacturing, Industrial Trades, and Technology (EMITT) pathways.

INTRODUCTION TO INDUSTRIAL TECHNOLOGY AND ENGINEERING (21400)

Grade Level: 9-12. Yearlong. Lab Fee: $25.00. This course is a mandatory first course for most Industrial and Engineering Technology courses. It provides the orientation needed for all skill-level industrial occupation programs. Through numerous “hands-on” activities, including drafting, electrical wiring, and woodworking, the course will offer introductions to communication technology, energy utilization, production technology, engineering design, and transportation technology. Each unit will cover the resources, technological processes, industrial applications, technological impact and possible occupations.

PLTW INTRODUCTION TO ENGINEERING DESIGN (21540)*

Grade Level: 10-12. Yearlong. Lab Fee: $10.00. This course focuses on the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer’s notebook, and communicate solutions to peers and members of the professional community. *quality points/weighted grade

PLTW PRINCIPLES OF ENGINEERING (21550)*

Grade Level: 10-12. Yearlong. Lab Fee: $15.00. Recommended Prerequisite: Introduction to Engineering Design. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. *quality points/weighted grade
PLTW CIVIL ENGINEERING AND ARCHITECTURE (21554)*

(East) Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisites: Introduction to Engineering Design and Principles of Engineering. Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. *quality points/weighted grade

PLTW DIGITAL ELECTRONICS (21557)*

(Auburn) Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisites: Introduction to Engineering Design and Principles of Engineering. From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. *quality points/weighted grade

PLTW ENVIRONMENTAL SUSTAINABILITY (21560)*

(Guilford) Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisites: Introduction to Engineering Design and Principles of Engineering. Students investigate and design solutions in response to real world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands on activities and simulations, students research and design potential solutions to these true to life challenges. *quality points/weighted grade

PRINCIPLES OF AEROSPACE SCIENCE (21403)

(Jefferson) Grade Level: 10-12. Yearlong. Principles of Aerospace Science is designed to provide the student with a broad-based aviation orientation in flight-related areas. Subjects include historical developments in aviation and the airline industry, theory of flight, airport operations, aircraft systems and performance, elements of air navigation, basic meteorology theory, air traffic principles, flight physiology, and aviation regulations and safety.

UNMANNED AERIAL SYSTEMS (21495)

(Jefferson) Grade Level: 10-12. Yearlong. Recommended Prerequisite: Principles of Aerospace Science. This course is a survey of unmanned aerial systems (UAS), emphasizing the military and commercial history, growth, and application of UASs. The course will include basic acquisition, use, and operation of UASs with an emphasis on the integration of robotic technology into the hardware and software of unmanned aviation.

FLIGHT I (21480)

(Jefferson) Grade Level: 11-12. Yearlong. Recommended Prerequisite: Principles of Aerospace Science. This course develops the aeronautical knowledge required for certification as a Private Pilot with an Airplane Single Engine Land rating. Topics include: regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics, and decision-making.

FABRICATION I (21462)

(Auburn, Guilford, Jefferson) Grade Level: 10-12. Yearlong. Lab Fee: $30.00. Prerequisite: Introduction to Industrial Technology and Engineering. This course is an advanced course in the fabrication of wood and metal projects. It provides the student with advanced design and fabrication of woodworking projects and introduces the student to simple metal fabrication skills. This is a skill level class and the students will learn how to safely and effectively operate a large variety of woodworking machines and will learn additional skills in metalworking, such as tap and die, micrometer, and steel cutting equipment use. At Auburn, there is an additional welding component in which the students will learn how to safely and effectively use several advanced types of welding processes in metal fabrication, including MIG, TIG, and plasma cutting operations.

FABRICATION II (21489)

(Auburn, Jefferson, Guilford) Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisite: Fabrication I. This course is an extension of Fabrication I and will increase the knowledge and skill levels necessary for the fabrication of wood and metal projects. This course is more intended for students interested in careers in the many different careers in the many different
forms of fabrication. It will build on what was learned in Fabrication I and will include projects that are of an advanced design and will require more developed skills to complete successfully. The students will set up and safely operate a large variety of woodworking machines and continue to build knowledge and skills necessary for metalworking. At Auburn, there is an additional and extensive welding component in which the students will further develop their knowledge and skills to effectively use several types of welding processes in metal fabrication, including brazing, oxy-fuel cutting, MIG, TIG, and plasma cutting operations.

FABRICATION III (21492)

Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisite: Fabrication II. This course is an extension of Fabrication II and will increase the knowledge and skill levels necessary for the fabrication of wood and metal projects. This course is intended for students interested in careers in the many different forms of fabrication. It will build on what was learned in Fabrication II and will include projects that are of an advanced design and will require more developed skills to complete successfully.

ORIENTATION TO TRANSPORTATION (21413)

(Auburn, Jefferson) Grade Level: 9-12. Yearlong. Lab Fee: $15.00. Prerequisite: Introduction to Industrial Technology and Engineering. First semester is Small Engines, and second semester is Automotive Mechanics. Small Engines will introduce the student to the 4-cycle engine theory, nomenclature, service and repair procedures. The student will disassemble, overhaul, and reassemble a lawn mower engine. Automotive Mechanics will expose the student to the basics of the automobile. Students will become knowledgeable of the various systems of a modern automobile, and the different skills related to them.

AUTOMOTIVE TECHNOLOGY I (21416):

(Auburn, Jefferson) Grade Level: 11-12. Yearlong. Lab Fee: $30.00. Prerequisite: A grade of “C” or better in Orientation to Transportation. In the first semester, students will study automotive suspension/steering, brake systems, and vehicle service. Second semester will cover basic engine repair, automatic/manual drive train, electrical/electronic systems, engine performance, heating/air conditioning, vehicle service. Safety in the use of automotive hand tools, equipment, and chemicals/oils is also covered.

AUTOMOTIVE TECHNOLOGY II (21419)

(Auburn, Jefferson) Grade Level: 12. Yearlong. Lab Fee: $30.00. Prerequisite: Automotive Technology I. Two hour capstone course. During the first semester, students will identify and interpret electrical system problems and will be introduced to the diagnosis and repair of starting, charging, driver information, and electrical/electronic systems. Second semester will focus on brake systems. Diagnosis and repair of hydraulic and drum systems, disc brakes, wheel bearings, parking brakes, and power assist units will be covered.

ORIENTATION TO CONSTRUCTION (21465)

(East, Guilford) Grade Level: 10-12. Yearlong. Lab Fee: $15.00. Prerequisite: Introduction to Industrial Technology and Engineering. This course exposes students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects.
CONSTRUCTION I (21474)

(East, Guilford) **Grade Level:** 11-12. **Yearlong** (2 credits per semester). **Lab Fee:** $15.00 plus equipment. **Prerequisite:** Orientation to Construction. This course is an introductory course in construction, remodeling, and home repair. Carpentry skills, drywall, concrete, tile, roofing, and siding skills are a few of the areas covered.

CONSTRUCTION II (21477)

(East, Guilford) **Grade Level:** 12. **Yearlong** (2 credits per semester). **Lab Fee:** $15.00 plus equipment. **Prerequisite:** Construction I. This course is a continuation of Construction I. A second-year student is expected to handle more responsibility and will be put in charge of certain projects or a section of construction.

ORIENTATION TO DRAFTING (21434)

(Jefferson) **Grade Level:** 9-12. **Yearlong.** This course will introduce the student to the basic fundamentals of drafting while concentrating on mechanical drafting and its techniques. The content of the course covers the method of transferring ideas to paper and computer. Drawing and the language of industry are covered in detail. Typical areas covered may include: planning and organizing activities, preparing sketches, performing basic layouts, and detailing drawings. Basic introduction to Computer Aided Drafting (CAD) will be presented through the year.

ARCHITECTURAL DRAFTING/CAD I (21447)

(Jefferson) **Grade Level:** 10-12. **Yearlong.** **Prerequisite:** Orientation to Drafting. Course content includes CAD, architectural drafting concepts, and engineering design concepts. The application of research skills, math skills, and the language of industry will be stressed. Typical areas covered may include: planning and organizing activities, researching of information, performing general office procedures, preparing sketches, performing basic layouts, detailing drawings, performing presentation techniques, using reproduction techniques, producing mechanical working drawings, using CAD command processes, & producing drawings using CAD.

ARCHITECTURAL DRAFTING/CAD II (21486)

(Jefferson) **Grade Level:** 11-12. **Yearlong.** **Prerequisite:** Drafting/CAD I. Instruction is provided in the areas of locating information using computer data files, determination of materials and availability, project conferences, checking plan dimensions, drawing schematic sketches, preparing scale sketches, producing drawings from written/verbal instructions, application of coordinate dimensioning standards, creating drawings using a plotter/printer, producing renderings and/or charts and graphs, and common plan features. Instruction is also provided in the areas of drawing framing plans, wall sections, fireplace sections, door sections, door and window schedules, dimensioning structural steel drawings, constructing column detail drawings, preparation of structural foundation, slab and floor plans, drawing electrical, block, schematic, and electrical connection drawings. Skills relating to CAD include preparation of a basic CAD drawing, building and editing a data base, developing a 3-dimensional drawing and selecting appropriate line work, line weight, and color.

ORIENTATION TO MANUFACTURING (21450)

(Jefferson) **Grade Level:** 10-12. **Yearlong.** **Lab Fee:** $15.00. Lab Fee: $5.00. **Prerequisite:** Introduction to Industrial Technology and Engineering. This metalworking course provides an introduction to manufacturing materials, processes, and career opportunities. Students will design and produce projects using individual craftsmanship, mass production, and automated machining (CNC) techniques. Lab work will involve the safe use of metal-working hand tools, band saws, drill presses, lathes, and milling machines to produce a variety of metal projects.

MACHINE TOOL TECHNOLOGY I (21453)

(Jefferson) **Grade Level:** 11-12. **Yearlong** (2 credits per semester). **Lab Fee:** $30.00. A lab fee covers safety glasses, lock, and materials consumed making class projects. **Prerequisite:** Orientation to Manufacturing. This two hour, capstone course is for students interested in metalworking/manufacturing careers. Students will develop metalworking skills in sheet metal work, bench work, and in the safe operation of saws, drills, lathes, mills, and grinders while producing a variety of precision metal projects. Instruction will also include the related metalworking topics of shop math, blueprint reading, precision measurement, metallurgy, and technical communications. Students will be introduced to computer numerical control (CNC) programming and machining.
MACHINE TOOL TECHNOLOGY II (21456)

(Jefferson) **Grade Level:** 12. **Yearlong** (2 credits per semester). **Lab Fee:** $30.00. **Prerequisite:** Machine Tool Technology I.

A continuation of Machine Tool Technology I, this course is for students with the aptitude and desire to enter a metalworking career as an apprentice, entry-level technician, or is college oriented toward a manufacturing degree. Course work will involve mastery of machine tool operation while producing precision tooling projects. The programming and operation of CNC equipment will be emphasized.

PLTW COMPUTER SCIENCE APPLICATIONS (21233)

Computer Science Applications focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.

INFORMATION TECHNOLOGY

PLTW COMPUTER SCIENCE PRINCIPLES (21230)

**Grade Level:** 10-12. **Yearlong**. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

MEDIA PRODUCTION I (21206)

**Grade Level:** 10-12. **Yearlong**. This course is designed to provide students with solid, introductory level experiences in a variety of media forms, including television, radio, film, and the Internet. This course will survey the historical and social significance of the media in our culture. Students will develop a basic working knowledge of the tools used in the production of media projects. Communication, leadership, creative problem solving, teaming and interpersonal skills will be of high priority. As both an interdisciplinary course and a resource for all school departments, the students will have multiple opportunities to engage in creative work through the use of appropriate and current technology. **Required:** 5 after school studio hours per semester.
MEDIA PRODUCTION II (21209)

Grade Level: 11-12. Yearlong. Prerequisite: Media Production I. A continuation of training with an emphasis on placement in the professional community through internships. The focus of instruction will be on the development of training and industrial films. Required: 15 after school studio hours.

CISCO NETWORKING ACADEMY I (21212)

(Guilford) Grade Level: 11-12. Yearlong. Lab Fee: Required. Recommended Prerequisite: Business and Technology Concepts. The first semester in this introductory course in the CISCO networking Academy is a highly relevant preparation in the information technology field. Concepts covering the fundamentals of networking, protocols, IP addresses and other concepts leading to cabling installation will be covered. The second semester will cover routing theory and router technologies. Students will participate in router configuration exercises and will be introduced to LAN switching. By the end of the class, students will have the skills necessary to gain internship opportunities in the information technology sector.

CISCO NETWORKING ACADEMY II (21215)

(Guilford) Grade Level: 11-12. Yearlong. Lab Fee: Required. Prerequisite: CISCO Networking Academy I. In this course students will learn advanced routing and switching. Students will configure routers and switches using network management techniques to find and fix network problems. Students will also complete advanced projects in network design and management. This course will prepare students for the industry certification exam required to achieve the CISCO Networking Associate Certificate.

AP COMPUTER SCIENCE A (13440)*

(Auburn) Yearlong. Lab Fee: Required. Prerequisite: Business and Technology Concepts. The class will introduce the student to JAVA software development. Students will write platform-independent, object oriented code for conventional, Internet – and Intranet-based applications. Topics covered include graphical user interface (GUI) development, multimedia (images, animation, and audio); graphic strings, exception and security; application portability. A number of programming assignments will be given to enable the student to build real-world JAVA applications. This is a college level course in computer science. *quality points/weighted grade

CAREER COURSES

FRESHMAN SEMINAR (17204)

Grade Level: 9. One Semester. All freshmen will be placed in the Freshman Seminar course. Freshman Seminar combines career exploration and development with special emphasis on success skills, communication skills, critical thinking and problem solving skills, and personal qualities (responsibility, self-esteem, self-management, and integrity).

FRESHMAN SEMINAR - INDEPENDENT STUDY (17205)

Grade Level: 9. One Semester. Freshman Seminar combines career exploration and development with special emphasis on success skills, communication skills, critical thinking and problem solving skills, and personal qualities (responsibility, self-esteem, self-management, and integrity). Students taking the Independent Study version of the course need to have reliable access to the Internet and Microsoft Office Applications. Strong time management skills and self-determination are critical attributes needed for successful completion of this course as Independent Study. In addition to independent and online work, students will be required to attend routine meetings with the course instructor.

INTERNSHIP (21139)

Grade Level: 11-12. Yearlong (2 credits per semester). Lab Fee: Required. Recommended Prerequisite: Business & Technology Concepts. This course allows students to experience the benefits of work training while participating in a classroom with students in numerous other occupational areas. The teacher-coordinator and training site sponsor develop unique training plans for students based on occupational goals while related instruction is pertinent for all students enrolled in the class. This class will be offered the last or first two hours of the day for ease of mainstreaming into industry.
CAREER & TECHNICAL EDUCATION TRAINING & PLACEMENT PROGRAMS

COURSES/TRAINING

Special Education CTE Courses: Students are recommended for, and enrolled in, a Special Education CTE program at the annual I.E.P. conference. They are bused to various school and community sites to attend class for 2 hours per day (2 credits per semester) where they receive training in one of the following areas:

EXTENDED CAMPUS CAREERS

FOODS IV (20109)
(Hoffman House) a.m. course. Students complete an interview and tour of Hoffman House prior to course registration. Students work alongside chefs to further develop knife skills, food presentation and banquet preparation.

EXTENDED CAMPUS CAREERS

FOODS I (20100)
(River Bluff) a.m. and midday courses. This course introduces careers in food service, safety, health, nutrition, sanitation principles, and employability skills.

EXTENDED CAMPUS CAREERS

FOODS II (20103)
(River Bluff) a.m. and midday courses. This course is a continuation of Occupations Foods I. Simple food preparation is used to instruct students in measurement, serving, clean-up, safety practices, and food safety.

EXTENDED CAMPUS CAREERS

FOODS III (20106)
(Hoffman House) a.m. course. Students complete an interview and tour of Hoffman House prior to course registration. Students will work with Hoffman House chefs to learn food safety, sanitation, and knife skills.

EXTENDED CAMPUS CAREERS

FOODS IV (20109)
(River Bluff) a.m. and midday courses. This course introduces careers in food service, safety, health, nutrition, sanitation principles, and employability skills.

EXTENDED CAMPUS CAREERS

FOODS II (20103)
(River Bluff) a.m. and midday courses. This course is a continuation of Occupations Foods I. Simple food preparation is used to instruct students in measurement, serving, clean-up, safety practices, and food safety.

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Special Education

GENERAL ORIENTATION TO VOCATIONAL EXPLORATION (20400)

(Wilson Aspire, Auburn, East, Guilford, Jefferson, Roosevelt) Students explore a wide range of career opportunities in a variety of vocational fields as they relate to their interests and abilities.

GENERAL ORIENTATION TO VOCATIONAL ASSESSMENT (20403)

(Wilson Aspire, Auburn, East, Guilford, Jefferson, Roosevelt) This course is designed to expand on the skills learned in General Orientation to Vocational Exploration. Students will have the opportunity to increase skill levels.

EXTENDED CAMPUS CAREERS AUTO SERVICE I (20500)

(Roosevelt) a.m. and p.m. courses. This course is designed to allow students to investigate a variety of auto service careers as they learn and perform various auto service tasks.

EXTENDED CAMPUS CAREERS GENERAL MAINTENANCE 1 (20600)

(Riverfront Museum Park, Discovery Center, Burpee Museum) a.m. and midday courses. This course will provide the student with an introduction to building operations, safety procedures, proper cleaning techniques, proper use and maintenance of equipment.

EXTENDED CAMPUS CAREERS GENERAL MAINTENANCE 2 (20700)

(Riverfront Museum Park, Discovery Center, Burpee Museum) a.m. and midday courses. This course provides the student with an introduction to basic grounds care, safety procedures, proper use and maintenance of equipment, as well as proper cleaning of a building.

EXTENDED CAMPUS CAREER CO-OP (20900)

(Auburn, East, Guilford, Jefferson, Roosevelt, Wilson Aspire) Special Education Cooperative Education provides an opportunity for students to develop marketable skills and knowledge in an occupation while working on the job. Work activities designed and supervised by both the employer and the instructor assist the student in developing marketable skills. Opportunities available in nutrition services, retail and community service learning.

SCHOOL BASED LIFE SKILLS TRAINING (20940)

(East, Guilford, Jefferson, Auburn, Wilson Aspire)
Grade level: 9-10. Instruction will begin at each student’s developmental and functional level to achieve acquisition of skills within the school building/campus.

COMMUNITY BASED LIFE SKILLS TRAINING — COMMUNITY BASED LEARNING AND PRACTICE (20943)

(East, Guilford, Jefferson, Auburn, Wilson Aspire)
Grade Levels: 11-12. Students will have additional opportunities to practice and enhance skill building in a real world community setting. Practice may involve group outings to various sites to enhance the learning experience.

VOCATIONAL EDUCATION/CONSTRUCTION (20420)

(East) The construction classes meet for two (2) hours a day and are generally held off school grounds at various work sites. The students are transported by bus to the work site. There they learn skills of painting, carpentry, plumbing, electricity, roofing, dry walling, landscaping, gutters and siding.

CONTENT OF THIS PLANNING GUIDE IS SUBJECT TO CHANGE.
FOR UPDATED INFORMATION, PLEASE VISIT OUR WEB PAGE AT WWW.RPS205.COM
Roosevelt Community Education Center offers a variety of educational programs and services designed to provide opportunities for each student to discover and pursue his or her full potential. Roosevelt guides students to experience academic success regardless of past struggles or ongoing challenges. BAMIT, EMITT, HPS, HS and Freshman Academies provide students with a variety of supports within a small class size. Each graduate experiences a tailored college and career pathway based on his or her individual interests. In addition, Roosevelt students have Full Day Care Services provided at no cost.

ROOSEVELT STUDENTS CAN SELECT FROM THE FOLLOWING COLLEGE AND CAREER PATHWAYS WITHIN OUR ACADEMIES:

**BUSINESS, ARTS, MODERN WORLD LANGUAGES, AND INFORMATION TECHNOLOGY (BAMIT) ACADEMY**
- Business
- Studio Arts
- Graphic Design & Digital Media

**ENGINEERING, MANUFACTURING, INDUSTRIAL AND TRADES TECHNOLOGY (EMITT) ACADEMY**
- Machine Operations & Skilled Trades
- Transportation Technology

**HUMAN AND PUBLIC SERVICES (HPS) ACADEMY**
- Education & Child Development
- Human Services
- Law & Public Safety

**HEALTH SCIENCES (HS) ACADEMY**
- Fitness & Wellness
- Health Care Associate

**HIGH SCHOOL CREDIT RECOVERY (HSCR) PROGRAM**

**Overview**
Roosevelt's HSCR program is chosen by students who are off track for graduation or require Day Care services. Roosevelt courses are aligned to RPS205 curriculum and standards. Students enjoy class sizes of approximately 15, providing multiple opportunities for a more personalized educational experience. Credits are earned through a proficiency-based learning model. Once students are able to demonstrate proficiency in the content and skills for a given course, through attaining a final grade of C or higher, students earn their course credit. As such, motivated and hardworking students are able to earn credits at an accelerated rate. Special education services are available to Roosevelt HSCR students. Students in good standing are eligible to participate in athletics and social events at their home high schools. All students that successfully complete the Roosevelt HSCR program graduate from Roosevelt with a traditional high school diploma.

**Selection Process**
Students interested in attending Roosevelt’s HSCR program need a referral from their home high school counselor and must attend one of Roosevelt’s quarterly informational meetings in order to apply. All applicants must be aged seventeen years or older. Students are ranked for open seats based upon the number of credits they have earned. Once all open seats are occupied, students are either placed on a waitlist or, if they are older and have fewer credits, are recommended for Roosevelt’s GED program. Students requiring daycare services have priority ranking.
**FRESHMAN TRANSITION PROGRAM (FTP)**

Students deemed at a higher risk of failure in high school are initially identified by their middle school principals during eighth grade and recommended for the summer Step Up High School Bridge Program. Students who do not participate or are unsuccessful in Step Up enter high school in the Roosevelt Freshman Transition Program. Eighth grade students receiving special education services are enrolled in their home high schools in order to receive appropriate services and do not attend summer school Step Up or the Freshman Transition Program. Through this early identification process, at-risk students are provided with intensive academic and personal social supports in a smaller classroom setting. Counseling support services including weekly group counseling, weekly classroom guidance lessons, individual counseling, as well as, daily crisis and behavior intervention support services.

Students are enrolled in the core freshmen courses to help them gain the necessary academic skills to stay on track. In each course students are engaged through Problem Based Learning activities and differentiated instruction. Students that achieve academic success during their first semester in the program are transitioned to their home high schools.

**GED PROGRAM**

At Roosevelt we are committed to providing GED students with more than a GED. Our goal is to provide students with the necessary skills and knowledge to gain employment with growth potential. As such, we offer remedial services for students that desire additional support. We also connect students with workshops and experiences in their selected career pathways and offer certifications relevant to students’ chosen pathways. Daycare services are available to GED students at no cost.

GED students receive blended instruction in the content areas of English language arts, mathematics, science, and social studies. Students are able to progress independently on the i-Pathways online curriculum while teachers use formative assessment data from i-Pathways to provide targeted one-on-one and small group supports based upon identified skill deficits and weaknesses.

**EVENING SCHOOL & SUMMER SCHOOL CREDIT RECOVERY** (see page 31 for more information)

Rockford Public Schools offers two semesters of an evening high school program as well as a summertime high school program at Roosevelt Community Education Center where students may retake failed courses required for graduation. Students may enroll in one or two courses each semester and during the summer. School principal approval is required for registration. Night school and summer school are tuition-based programs. Course availability is subject to enrollment. Students with more than one absence in these programs must be dropped without a refund.

**STEP UP- HIGH SCHOOL BRIDGE PROGRAM**

Students that have failed English/language arts and math in their eighth grade year must attend Roosevelt’s Step Up summer program in order to ensure that these students are prepared for high school. Step Up students receive remedial instruction in a small class setting in English/language arts, math, and skills required for a successful high school career.

**A MINIMUM OF 34% OF ROOSEVELT FUNDING COMES FROM FEDERAL GRANTS**

TO SEE COURSE DESCRIPTIONS PLEASE REFER TO THE TABLE OF CONTENTS TO FIND WHICH PAGE THE VARIOUS SUBJECTS ARE ON THROUGHOUT THE GUIDE.
ALL CAPA COURSES ARE AT AUBURN HIGH SCHOOL

MEDIA & THEATRE ARTS

CAPA THEATRE 1 (62100)

Lab Fee: $25.00. Prerequisite: CAPA student. An intense immersion into the art form of Theatre. Students will be expected to hone performing as well as basic technical skills. Portfolio work, terminology and theatre history will be included. Students will learn the basic techniques of good critique, and will learn shop safety. Required: Students are required to participate in a theatre production, and must attend all major Auburn Theatre productions. In addition; 15 crew hours per semester are needed for this course.

CAPA THEATRE 2 (62103)

Lab Fee: $25.00. Prerequisite: CAPA student, CAPA Theatre 1, or Drama 1-2 and consent of instructor. Students will focus on developing professional attitudes, continue portfolio work, create a resume, and study theatre history. Students are required to audition for all theatre productions. Specialized acting vocabulary, formalized critique formats, and the study of the proscenium stage will be highlighted. Required: Students are required to audition and participate in the One-Acts, and must attend all major Auburn Theatre productions. In addition; 20 CREW HOURS PER SEMESTER ARE REQUIRED FOR THIS COURSE.

CAPA THEATRE 3 (62109)

Lab Fee: $25.00. Prerequisite: CAPA student, CAPA Theatre 2, or Advanced Technical Theatre, and consent of instructor. Focus is on collaboration, non-proscenium staging, directing techniques, and exhibiting professional attitudes. Students will collaborate on an original/major production as well as polish their resumes, which will include a videotaped portion of the individuals work. Required: Students are required to audition and participate in the One-Acts, and must attend all major Auburn Theatre productions. Senior level students must be prepared to submit their resume and audition at the Illinois High School Theatre Festival. Additional Crew hours per semester are required.

CAPA THEATRE 4 (62112)

Lab Fee: $25.00. Prerequisite: CAPA student, any three CAPA courses and instructors consent. Intended as an upper-level CAPA offering for students from all arts disciplines. This unique offering will give students the opportunity to collaborate as an interdisciplinary team and create new forms of artistic expression. The second major thread involves placing individual students out in the community as resource artists. Emphasis will be on how the different art forms are interdependent and active participation in the community. Required: Outside hours working on class projects.

CAPA MEDIA PRODUCTION I (62118)

Lab Fee: $25.00. Prerequisite: CAPA student. Designed to provide students with solid, introductory level experiences in a variety of media forms, including television, radio, film and the Internet. This course will survey the historical and social significance of the media in our culture. Students will develop a basic working knowledge of the tools used in the production of media projects. Communication, leadership, creative problem solving, teaming and interpersonal skills will be of high priority. As both an interdisciplinary course and a resource for all school departments, the students will have multiple opportunities to engage in creative work through the use of appropriate and current technology. Required: Five after school studio hours per semester.

CAPA MEDIA PRODUCTION II (62121)

Lab Fee: $25.00. Prerequisite: CAPA student and recommendation of teacher. A continuation of training with an emphasis on placement in the professional community through internships. The focus of instruction will be on the development of training and industrial films. Required: 15 after school studio hours.
Creative and Performing Arts (CAPA)

CAPA TECHNICAL THEATRE 2 (62150)
Lab Fee: $25.00. Prerequisite: CAPA student, CAPA Technical Theatre 1. This course is a progressive, advance course introducing students to the theory of theatre technology. It includes participation in construction, mounting, and running of school productions. Can be repeated. Required: Twenty hours outside of class time.

CAPA TECHNICAL THEATRE 3 (62106)
Lab Fee: $25.00. Prerequisite: CAPA student, CAPA Technical Theatre 2. Introduction to Theatre or Technical Theatre 1-2 and consent of instructor. Students will learn construction and drafting techniques. They will demonstrate proficiency in basic lighting, painting, scenic design, critique forms, construction methods, crew management and shop safety. Scenic design for the non-proscenium stage, non-realistic styles and multi-set shows will also be covered as well as theatre history, resumes and student portfolios. Required: Each student will be required to perform in at least one production crew per semester. Senior level students must be prepared to submit their resume and audition at the Illinois High School Theatre Festival. Students must attend all major Auburn Theatre productions and work 25 crew hours per semester.

CAPA TECHNICAL THEATRE 4 (62127)
Grade Level: 12. Yearlong. Lab Fee: $25.00. Prerequisite: CAPA student, CAPA Technical Theatre 3. This course is the capstone of the Tech Theatre pathway, focusing on original production designs constructed, mounted and run for theater productions. Portfolios and resumes development will prepare students for college reviews. Requirement: Thirty hours outside of class time.

VISUAL ARTS

CAPA INTRO TO ART & DESIGN (62255)
Grade Level: 9. One Semester. Lab Fee: $15.00. This course emphasizes developing creative ideas and problem-solving skills while providing students with an introduction to the visual arts. This class will give students the foundation necessary to expand into more specialized art areas. The studio activities will focus on design and composition while
developing skills and an understanding of drawing, painting, sculpture, and computer imaging. Students will explore a variety of media and techniques as well as deepen their appreciation of art making through a global and historical perspective. Units are constructed to engage student learners while helping them see, analyze, create, understand, and articulate their experiences of the visual world.

**CAPA STUDIO ART FOUNDATIONS (62200)**

**Grade Level:** 9-12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student. This class provides a basic foundation of art concepts experimenting with design, a variety of 2D and 3D media, and a focus on art history. The student will learn technical skills in a variety of styles and approaches while also being able to creatively express him or herself. The need to develop good studio habits and art vocabulary are valued as basis for following levels.

**CAPA STUDIO ART 1 (62203)**

**Grade Level:** 10-12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student. Portfolio review and consent of instructor. This class provides a basic foundation of art concepts experimenting with design, a variety of 2D and 3D media, and a focus on art history. The student will learn technical skills in a variety of styles and approaches while they explore their creative process. This class will also explore multi-media combinations as well as contrasting concepts of realism, distortion, and abstraction. Careers applied in the visual arts are explored. Further development of good studio habits and art vocabulary are stressed with culmination to the critiquing process.

**CAPA INTRO TO GRAPHIC DESIGN (62256)**

**Grade Level:** 9. **One Semester.** **Lab Fee:** $25.00. This course is an overview introducing students to simple image manipulation on the computer. The class will cover the history of computer graphics and teach industry standard software and procedures. Studio and digital projects will allow students to learn the elements and principles of art as a basis for good design.

**CAPA GRAPHIC ART & DESIGN (62209)**

**Lab Fee:** $25.00. **Prerequisite:** CAPA student, Studio Art Foundations or Intro to Graphic Design, or consent of instructor. This course explores how technology can be used in creating photo-edited images. Students will learn design and composition concepts by using industry standard software, Photoshop, Illustrator and InDesign. The students will be introduced to commercial art production and graphic art design. This course will also focus on the principles of basic design used in advertising and marketing. Students will master design principles regarding typography, color, special effects, video editing and informational graphics. Fine art principles and elements will be incorporated throughout the graphic design process.

**CAPA 2D STUDIO ART II (62206)**

**Grade Level:** 11-12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student, Studio Art I. This class provides a unique opportunity for cross-integration of learning experiences, varying from teacher-guided projects to individualized self-directed projects. Continued attention is emphasized on; studio practice, critiquing skills, and knowledge of art history. Inquiry and presentation provide an avenue for honing verbal communication skills. Professional craftsmanship and presentation of finished work are stressed. Portfolio development for college/scholarship application and career pursuit are encouraged.

**CAPA 2-D STUDIO ART III (62215)**

**Grade Level:** 12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student, Studio Art-I or consent of instructor. This course requires portfolio development. A portfolio is a presentation of a body of art work with consistent quality, related themes, and demonstrates independent work ethic and craftsmanship representing a wide range of media. This course is for those students interested in college, art school, or visual art employment. **Required: An additional expense for matting artwork for portfolio presentation and exhibition.**

**CAPA 3D SCULPTURE I (62232)**

**Grade Level:** 10-12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student, Studio Art Foundations. A variety of methods of working with sculpture will be explored. Projects will emphasize problem solving, experimentation, expression, craftsmanship and originality. Historical, contemporary and cultural examples are studied.
CAPA 3D SCULPTURE II (62235)

**Grade Level:** 11-12. **Lab Fee:** $25.00. **Prerequisite:** CAPA student, 3-D Studio Art-I. This is a third year course for the serious art student. It provides the opportunity for more in-depth study and experimental approaches to 3-dimensional forms. **Required:** An additional expense for displaying sculptures for portfolio presentation and exhibition.

**AP STUDIO ART: 2D DESIGN (15144)***

**Lab Fee:** $25.00. **Prerequisite:** 2D Studio Art II. The AP Studio Art: 2D Design course is designed to address two-dimensional (2D) design issues and media. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to show mastery in concept, composition, and execution of 2D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: 2D Design must take the AP exam which is a performance-based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. **Required:** An additional expense for matting artwork for portfolio presentation and exhibition. *quality points/weighted grade

**AP STUDIO ART: 3D DESIGN (15147)***

**Lab Fee:** $25.00. **Prerequisite:** 3D Studio Art I. AP Studio Art: 3D Design is designed to address sculptural issues and media. Design involves purposeful decision making about using the elements and principles of art in an integrative way. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to demonstrate mastery in concept, composition, and execution of 3D design through any three-dimensional approach. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: 3D Design must take the AP exam which is a performance-based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. **Required:** An additional expense for preparing and presenting artwork for exhibition. *quality points/weighted grade

**AP STUDIO ART: DRAWING (15141)***

**Lab Fee:** $25.00. **Prerequisite:** 2D Studio Art II. AP Studio Art: Drawing is designed to address drawing issues and media. This course promotes the investigation of all three aspects of portfolio development — quality, concentration, and breadth. The AP portfolio’s three-section structure requires the student to show mastery in concept, composition, and execution of drawing. The AP Studio Art program sets a national standard for performance in the visual arts. Students enrolled in AP Studio Art: Drawing must take the AP exam which is a performance based exam rather than a written exam requiring the submission of a digital portfolio for evaluation. Students who successfully pass the AP Studio Art review may receive college credit. **Required:** An additional expense for matting artwork for portfolio presentation and exhibition. *quality points/weighted grade
Creative and Performing Arts (CAPA)

**CAPA VISUAL ARTS INTERNSHIP (62120)**

Lab Fee: $25.00 (each course). Prerequisite: CAPA student, any three CAPA courses and instructors consent. Intended as an upper-level CAPA offering for students from all arts disciplines. This unique offering will give students the opportunity to collaborate as an interdisciplinary team and create new forms of artistic expression. The second major thread involves placing individual students out in the community as resource artists. Emphasis will be on how the different art forms are interdependent and active participation in the community. Required: Outside hours working on class projects.

**VOCAL MUSIC**

**CAPA CHORUS (62306)**

Grade Level: 9. Lab Fee: $25.00. This mixed choir course is designed to develop the choral skills of the beginning yet serious high school singer. Students will perform quality literature representing all time periods, genres, and languages of choral music. The emphasis of this performance based choir will be placed on vocal production, sight reading, and aural skills. Chorus may only be taken once. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

**CAPA TREBLE CHOIR (62309)**

Grade Level: 9-10. Lab Fee: $25.00. Prerequisite: CAPA student and audition. This course is a women’s choir with a high level of proficiency and commitment. Student will learn proper singing techniques. Each student will learn, study and perform a variety of vocal music including examples from the various stylistic periods of music. Strong emphasis will be placed on independent musicianship, analysis of text, and interpretation. Students may enroll in this course for more than one year but may also audition for CAPA Concert Chorale or CAPA Chamber Singers. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

**CAPA CHAMBER SINGERS (62300)**

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: CAPA student and audition. This ensemble will be to become familiar with a variety of advanced choral literature including but not restricted to English part song, Madrigals, Swing and genres of the Jazz idiom. Strong emphasis will be placed on independent musicianship, analysis of text, and interpretation. Extracurricular small group instruction may be offered weekly. Students may enroll in this course for more than one year. Required: Students will prepare solo pieces as well as perform in various small group ensembles for public and school performance. In addition; outside of class time spent rehearsing/performing is part of the assessment for this class.

**CAPA CONCERT CHORUS (62303)**

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: CAPA Student. This course is designed to fully develop the choral musicianship skills of the advanced high school singer. This mixed choir will develop skills taught in beginning and/or treble choral study. Students will perform quality literature representing all time periods, genres, and languages of choral music. Strong emphasis will be placed on independent musicianship, analysis of text, and interpretation. Students may enroll in Concert Chorus for more than one year. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

**AP MUSIC THEORY (15230)**

Grade Level: 10-12. Yearlong. Lab Fee: $15.00. Prerequisite: prior musical experience. A course for students interested in an introduction to a college Music Theory course. This course follows a similar outline to the Advanced Placement (AP) curriculum. Topics addressed in depth include musicianship, theory, musical materials, and procedures. *quality points/weighted grade
Creative and Performing Arts (CAPA)

INSTRUMENTAL MUSIC

CAPA ADVANCED JAZZ ENSEMBLE (62503)

Grade Level: 9-12. Lab Fee: $25.00. Rental Fee: $60.00 instrument rental. Prerequisite: CAPA student, Jazz Ensemble and/or the consent of instructor, must be a member of another band. This class will require students to have a working knowledge of the jazz idiom and a basic knowledge of improvisation and sight reading skills. Advanced Jazz band will study in-depth jazz styles and theory and composition. Students may enroll in this course for more than one year. This group will perform at various school and community functions. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

CAPA CONCERT BAND (62403)

Band Fee: $25.00. Rental Fee: $60.00 instrument rental. Prerequisite: CAPA Student and audition. Concert Band is made up of seniors, juniors sophomores enrolled in band. The material performed varies from marches to popular to classical. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

CAPA ADVANCED WIND ENSEMBLE (62409)

Band Fee: $25.00. Rental Fee: $60.00 instrument rental. Prerequisite: CAPA Student and audition. Advanced Wind Ensemble is made up of all qualified juniors and seniors in the band program. The repertoire material will be advanced. Students may enroll in this course for more than one year. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

GENERAL MUSIC

CAPA PIANO KEYBOARD LAB (62600)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: CAPA Student and audition. This is an advanced piano class where students work individually on their own keyboards. Students will improve reading, technical, and performance skills on the keyboard. Advanced skills will be emphasized including all major and minor scales, arpeggios, improvisation, and more advanced music theory. Students will also work on their own compositions with music technology. Participants are expected to perform as an individual and an ensemble throughout the year at various school and community events.

CAPA ADVANCED PIANO KEYBOARD LAB (62603)

Grade Level: 9-12. Lab Fee: $25.00. Prerequisite: CAPA student and audition. This is an advanced piano class where students work individually on their own keyboards. Students will improve reading, technical, and performance skills on the keyboard. Advanced skills will be emphasized including all scales, arpeggios, improvisation, sight-reading, ensemble playing, and advanced music theory. Students will also work on their own compositions with music technology. Participants are expected to perform as an individual and an ensemble throughout the year at various school and community events.

CAPA KNIGHT BAND (62400CP)

Band Fee: $25.00. School Instrument Rental Fee: $30.00. Prerequisite: Middle school and or consent of instructor. This advanced band is made up of all freshmen rolling up from the middle school program, developing technical proficiency and musical knowledge. Required: Several performances throughout the year as well as additional outside of class time spent rehearsing/performing is part of the assessment for this class.
Creative and Performing Arts (CAPA)

CAPA MUSIC COMPOSITION LAB (62606)

Grade Level: 10-12. Lab Fee: $25.00. Prerequisite: CAPA Student. Piano Keyboard Lab. This course is designed for students with an intermediate knowledge of music and is interested in arranging and composing their own pieces. Composition will be created through the use of a technology lab and utilizing software and online resources to assist in the development of student musical arrangements and compositions.

DANCE

BEGINNING CAPA DANCE (62800)

Prerequisite: CAPA student. Students begin with the essentials of technique that combine and isolate movements in simple coordination. This course provides an introduction to all major dance techniques; through each style, students will accomplish a better sense of musicality and the ability to perform with others in unison or canon using spatial clarity. Overall, levels of strength flexibility and endurance will develop through the understanding of a detailed movement vocabulary. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

INTERMEDIATE CAPA DANCE (62803)

Prerequisite: Beginning CAPA Dance. In this level, students will deepen their overall technical strength by practicing and improving their precision and clarity of movement. Technical exploration will become more specific to certain styles of dance including a look at cultural styles of movement. Within the teacher’s framework, students will structure phrases & sections of dance while analyzing aesthetic principles of movement. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

ADVANCED CAPA DANCE (62809)

Prerequisite: CAPA student, Intermediate CAPA Dance. Students will begin to find a mastery of specific technical goals; students will analyze how different art forms will combine to create an interdisciplinary work. They will also learn the importance of recording processes of composition through journaling and other written forms. This level of dance focuses on the improvement of movement patterns in relation to spatial elements. Students will examine potential careers in the arts and in dance related fields. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

STRINGS

CAPA STRING ENSEMBLE (62700)

Lab Fee: $25.00. Rental Fee: $30.00 instrument rental. Prerequisite: CAPA student, audition and some previous experience in a string instrument. This course will primarily be students looking to develop their technical proficiency and musical knowledge. This year string training will enable students to advance in their skills. Students will be assigned small ensembles (i.e., trios, quartets) to rehearse in class. Students may enroll in this course for more than one year. These ensembles will have opportunities to perform at special events at Auburn High School, District 205 and the community. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

CAPA CONCERT ORCHESTRA (62703)

Activity Fee: $25.00. Rental Fee: $30.00 instrument rental. Prerequisite: CAPA students, audition. This course is an advanced group of musicians who work on techniques, literature, and performance. The music studied advances performance skills and covers all periods and styles. Concerts will include playing full orchestra music including wind, brass, and percussion players. This class is offered for students who are interested in performing advanced orchestral literature. Students are encouraged to participate in statewide festivals and competitions. Students will be assigned small ensembles to rehearse in class. These ensembles will have opportunities to perform at special events at Auburn High School, District 205 and the community. Students may enroll in this course for more than one year. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.
Creative and Performing Arts (CAPA)

CAPA DANCE SEMINAR (62816)
Prerequisite: CAPA student. This course is for the dance student who seeks an in-depth look at dance history and a greater opportunity to develop his or her role as a choreographer. Students will learn to connect individual dancers and choreographers to movement trends and periods of dance history, as well as examine cultural dance. This course will allow students to experience a deeper awareness of the structuring of dances for musical theatre. It will also provide students the forum in which they can make artistic decisions regarding accompaniment, theatrical sets, lighting and costumes. Required: Outside of class time spent rehearsing/performing is part of the assessment for this class.

INTERNSHIPS
• THEATRE (62112)
• VISUAL ARTS (62120)
• MUSIC (62130)
• DANCE (62140)
• MEDIA PRODUCTION (62143)

Lab Fee: $25.00 (each course). Prerequisite: CAPA student in any of the arts disciplines — Dance, Music, Theatre, Media Production, or Visual Arts. Any three CAPA courses and instructors consent. Intended as an upper-level CAPA offering for students from all arts disciplines. This unique offering will give students the opportunity to collaborate as an interdisciplinary team and create new forms of artistic expression. The second major thread involves placing individual students out in the community as resource artists. Emphasis will be on how the different art forms are interdependent and active participation in the community. Required: Outside hours working on class projects.
As students develop and progress CAPA Dance is dedicated to providing a broad education that challenges the students artistically, intellectually and physically and to prepare qualified students for college, conservatory and professional careers in dance and related professions. The department develops artistic and creative potential through a sequentially developed curriculum in both technical and theoretical dance courses. Students acquire the basic principles of choreography and a broader understanding of other arts forms and their relationship to dance. Students are provided with numerous performance opportunities including community involvement.

**POTENTIAL CAREERS IN DANCE**

- Artistic director
- Rehearsal director
- Dance administrator
- Dance teacher
- Dance technologist
- Masseuse/Masseur
- Researcher
- Dance notator
- Choreographer
- Dancer
- Studio owner
- Dance/movement therapist
- Physical Therapist
- Personal trainer
- Occupational therapist
- Public relations director

**HIGH SCHOOL PATHWAY COURSES**

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<th>Grade</th>
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<td>Freshman Seminar (s)</td>
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<tr>
<td></td>
<td>CAPA Beginning Dance</td>
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<td>10</td>
<td>CAPA Advanced Dance</td>
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<td>11</td>
<td>CAPA Advanced Dance</td>
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<td>12</td>
<td>CAPA Dance Seminar</td>
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(s) = semester

**Recommended Electives**

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<th>Recommended Electives</th>
<th>CAPA Level 1-2 Keyboard</th>
<th>AP Music Theory</th>
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<tr>
<td>Beginning Band</td>
<td>Keyboard Music</td>
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<td>CAPA Treble Choir</td>
<td>CAPA Intro to Acting</td>
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<td>CAPA Basic Acting Styles</td>
<td>CAPA Adv. Keyboard</td>
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<td></td>
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<td>Jazz Ensemble</td>
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**EXAMPLES OF POST-SECONDARY DEGREES**

- **Associate’s Degree**
  - Associate in Arts
    - Rock Valley College

- **Bachelor’s Degree**
  - Bachelor of Fine Arts Degree in Dance
    - Northern Illinois University
    - Illinois State University
    - University of Illinois
    - Western Michigan University
As students develop and progress, students will begin assembling their best works into a digital portfolio in the 11th grade year as a record of production, and to use in applications to art schools and universities. Cross-curricular projects, field trips to graphic and media businesses, as well as visiting graphic and media artists, will support and enhance the quality of the program. As production is such an important aspect of the program, students will have numerous opportunities to be a part of graphic and video projects and productions each year.

POTENTIAL CAREERS IN GRAPHIC DESIGN/MEDIA PRODUCTION

Animator
Commercial artist
Communication specialist
Digital media specialist
Graphic designer
Illustrator
Photo lithographer
Production manager
Promotion producer
Video editor
Web designer
Media educator
Teacher
Photographer
Desktop publishing specialist
Print production coordinator
Videographer
Media specialist
Marketing director
Multi-media designer

HIGH SCHOOL PATHWAY COURSES

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<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s) Semester elective (s)</td>
<td>CAPA Graphic Design I</td>
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<td>CAPA Media Production I</td>
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<td>10</td>
<td>CAPA Graphic Design II</td>
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<td>10/11</td>
<td>CAPA Media Production II</td>
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<td>12</td>
<td>CAPA Graphic Design III  CAPA Web Design</td>
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<tr>
<td></td>
<td>AP 2D Design CAPA Media Production III</td>
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(s) = semester

Recommended Electives

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<tr>
<th>CAPA Studio Art Foundation</th>
<th>Beginning Computer Applications</th>
<th>AP Studio Art 2D Design</th>
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<tr>
<td>CAPA Intro to Art &amp; Design</td>
<td>CAPA 2D Studio Art I, II, III</td>
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<td>CAPA Intro to Graphic Design</td>
<td>AP Drawing</td>
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EXAMPLES OF POST-SECONDARY DEGREES

Associate’s Degree
Associate of Applied Science in Graphic Arts Technology - Rock Valley College

Bachelor’s Degree
Bachelor of Arts Degree in Communications/Media - Northern Illinois University - Rockford University

Master’s Degree
Master of Fine Arts in Studio Art - Northern Illinois University
MUSIC PERFORMANCE AND PRODUCTION PATHWAY

As students develop and progress through the rigor of the technical, emotional and social elements of music, we ensure that our students are ready for the challenges they will meet in post-secondary education by requiring courses in music fundamentals and applied music. Our major ensembles include string orchestras, Jazz ensembles, wind ensembles, vocal ensembles as well as premier audition-only chamber ensembles. As performance is such an important aspect of the program, students will have numerous opportunities to be a part of solo and ensemble events and competitions several times each year.

POTENTIAL CAREERS IN MUSIC PERFORMANCE AND PRODUCTION

<table>
<thead>
<tr>
<th>Audio recording engineer</th>
<th>Entertainment lawyer</th>
<th>Musicologist</th>
<th>Producer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composer</td>
<td>Music therapist</td>
<td>Educator</td>
<td>Studio engineer</td>
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<tr>
<td>Vocalist</td>
<td>Sound engineer</td>
<td>Artistic manager</td>
<td>Music journalist</td>
</tr>
<tr>
<td>Instrumentalist</td>
<td>Artistic director</td>
<td>Music distributor</td>
<td>Public relations specialist</td>
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<td></td>
<td>CAPA Knight Band CAPA Concert Chorale</td>
</tr>
<tr>
<td>10</td>
<td>CAPA Concert Band or Chorale CAPA String Ensemble</td>
</tr>
<tr>
<td></td>
<td>CAPA Concert Chorale</td>
</tr>
<tr>
<td>11/12</td>
<td>CAPA Wind Ensemble CAPA Concert Orchestra</td>
</tr>
<tr>
<td></td>
<td>CAPA Concert Chorale</td>
</tr>
<tr>
<td></td>
<td>CAPA Chamber Singers CAPA Advanced Keyboard</td>
</tr>
<tr>
<td></td>
<td>CAPA Music Composition</td>
</tr>
<tr>
<td></td>
<td>CAPA Music Appreciation/History</td>
</tr>
</tbody>
</table>

(s) = semester

Recommended Electives

<table>
<thead>
<tr>
<th>Intermediate Keyboard Music</th>
<th>Beginning Acoustic Guitar</th>
<th>CAPA Level 1-2 Keyboard</th>
<th>AP Music Theory</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPA Treble Choir</td>
<td>CAPA Intro to Acting</td>
<td>CAPA Level 3-4 Keyboard</td>
<td></td>
</tr>
<tr>
<td>CAPA Basic Acting Styles</td>
<td>CAPA Beginning Dance</td>
<td>CAPA Adv. Keyboard</td>
<td></td>
</tr>
</tbody>
</table>

EXAMPLES OF POST-SECONDARY DEGREES

**Associate’s Degree**
Associate of Arts, Emphasis in Music Performance, - Rock Valley College

**Bachelor’s Degree**
Bachelor of Fine Arts Degree in Music - Northern Illinois University - Rockford University

**Master’s Degree**
Master of Fine Arts in Music Performance - Northern Illinois University
CAPA STUDIO ARTS PATHWAY

As students develop and progress, students will begin assembling their best works into a portfolio in the 11th grade year as a record of production, and to use in applications to art schools and universities. Cross-curricular projects, field trips to museums and galleries, as well as visiting artists, will support and enhance the breadth of the program. As production is such an important aspect of the program, students will have numerous opportunities to exhibit several times each year.

POTENTIAL CAREERS IN STUDIO ARTS

| Art director | Arts administrator | Textile designer | Museum education |
| Advertising | Conservator | Architect | Archivist |
| Fashion designer | Curator | Animator | Gallery manager |
| Illustrator | Arts educator | Art therapist | |
| Photographer | Interior designer | Commercial artist | |

HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td>CAPA Studio Art Foundations</td>
<td>CAPA Intro to Studio Art &amp; Design</td>
</tr>
<tr>
<td>10</td>
<td>CAPA Studio Art I</td>
</tr>
<tr>
<td>11</td>
<td>CAPA 2D Studio Art I</td>
</tr>
<tr>
<td>CAPA 2D Studio Art III</td>
<td>CAPA Web Design</td>
</tr>
<tr>
<td>12</td>
<td>AP Drawing</td>
</tr>
<tr>
<td>CAPA 3D Studio Art</td>
<td></td>
</tr>
</tbody>
</table>

(s) = semester

Recommended Electives

<table>
<thead>
<tr>
<th>CAPA Studio Art Foundation</th>
<th>CAPA 2D Studio Art I, II, III</th>
<th>AP Studio Art 2D Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPA Intro to Art &amp; Design</td>
<td>AP Art History</td>
<td>AP Studio Art 3D Design</td>
</tr>
<tr>
<td>CAPA 3D Studio Art I, II</td>
<td>AP Drawing</td>
<td>CAPA Visual Art Internship</td>
</tr>
<tr>
<td>CAPA Media Production</td>
<td>CAPA Technical Theatre</td>
<td></td>
</tr>
</tbody>
</table>

EXAMPLES OF POST-SECONDARY DEGREES

**Associate’s Degree**

Associate of Applied Science in Graphic Arts Technology, - Rock Valley College

**Bachelor’s Degree**

Art, Art Education, Art History, Performing Arts, Studio Arts
- Northern Illinois University
- Rockford University

**Master’s Degree**

Master of Fine Arts in Studio Art
- Northern Illinois University

- Judson University
As students develop and progress through the rigor of the technical, emotional and social elements of theatre, CAPA Theatre Performance Production Pathway (technical theatre) aims to provide students with an opportunity to participate in multiple components of a theatrical production: design and application, lights, sound, set, costumes, properties and management. Their training will lay the pre-professional groundwork that will provide them with the skills necessary to continue their artistic pursuits at prestigious universities and conservatories.

**POTENTIAL CAREERS IN THEATRE PERFORMANCE PRODUCTION**

<table>
<thead>
<tr>
<th>Role</th>
<th>Role</th>
<th>Role</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect</td>
<td>Scenic painter</td>
<td>Master electrician</td>
<td>Playwright</td>
</tr>
<tr>
<td>Director</td>
<td>Sound designer</td>
<td>Properties master</td>
<td>Carpenter</td>
</tr>
<tr>
<td>House manager</td>
<td>Lighting designer</td>
<td>Screen writer</td>
<td>Producer</td>
</tr>
<tr>
<td>Stage manager</td>
<td>Dramaturg</td>
<td>Technical director</td>
<td>Drama therapist</td>
</tr>
<tr>
<td>Production manager</td>
<td>Interior Designer</td>
<td>Costume Designer</td>
<td>Engineer</td>
</tr>
</tbody>
</table>

**HIGH SCHOOL PATHWAY COURSES**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>CAPA Tech Theatre 1 (s)</td>
</tr>
<tr>
<td>10</td>
<td>CAPA Tech Theatre 2</td>
</tr>
<tr>
<td>11/12</td>
<td>CAPA Tech Theatre 3</td>
</tr>
<tr>
<td></td>
<td>CAPA Tech Theatre 4</td>
</tr>
</tbody>
</table>

(s) = semester

**Recommended Electives**

<table>
<thead>
<tr>
<th>Recommended Electives</th>
<th>Recommended Electives</th>
<th>Recommended Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to CAPA Theatre</td>
<td>Speech Communications</td>
<td>CAPA Basic Acting Styles</td>
</tr>
<tr>
<td>Orientation to Drafting</td>
<td>Media Production</td>
<td>Drawing</td>
</tr>
</tbody>
</table>

**EXAMPLES OF LOCAL POST-SECONDARY DEGREES**

**Associate’s Degree**

Electrical Engineering, Media Production, Technical Theatre, Design and Technical Theatre - Rock Valley College

**Bachelor’s Degree**

Communication Studies, Media Production, Theatre Arts, Stagecraft and Design, Theatre Studies

- Northern Illinois University
- Rockford University
- Beloit College
- Illinois State University
- University of Illinois

**Master’s Degree**

Master of Fine Arts, Design and Technology
- Northern Illinois University
- Illinois State University
- University of Illinois
As students develop and progress through the rigor of the technical, emotional and social elements of theatre, CAPA Theatre Performing Arts Pathway aims to provide students with an opportunity to participate in multiple components of a theatrical production in order to create a comprehensive understanding of the essential elements each component provides. Students will develop world views by exploring dramatic literature that is representative of various cultural perspectives. Their training will lay the pre-professional groundwork that will provide them with the skills necessary to continue their artistic pursuits at prestigious universities and conservatories.

### POTENTIAL CAREERS IN THEATRE PERFORMING ARTS

<table>
<thead>
<tr>
<th>Actor</th>
<th>Critic</th>
<th>Dramaturg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theatre teacher</td>
<td>Playwright</td>
<td>Arts administrator</td>
</tr>
<tr>
<td>Director</td>
<td>Voiceover artist</td>
<td>Drama therapy</td>
</tr>
<tr>
<td>Performer</td>
<td>Historian</td>
<td>Children’s theatre director</td>
</tr>
</tbody>
</table>

### HIGH SCHOOL PATHWAY COURSES

<table>
<thead>
<tr>
<th>Grade</th>
<th>Essential Pathway Courses (select one each year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Freshman Seminar (s)</td>
</tr>
<tr>
<td></td>
<td>CAPA Theatre 1</td>
</tr>
<tr>
<td>10</td>
<td>CAPA Theatre 2</td>
</tr>
<tr>
<td>11/12</td>
<td>CAPA Theatre 3</td>
</tr>
</tbody>
</table>

(s) = semester

### Recommended Electives

<table>
<thead>
<tr>
<th>Tech Theatre I</th>
<th>CAPA Treble Choir</th>
<th>CAPA Concert Choir</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning CAPA Dance</td>
<td>Speech Communications</td>
<td>Media Production</td>
</tr>
<tr>
<td>Acting &amp; Directing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### EXAMPLES OF POST-SECONDARY DEGREES

#### Associate’s Degree

- Associate of Arts Degree, Emphasis in Theatre Performance
  - Rock Valley College

#### Bachelor’s Degree

- Bachelor of Fine Arts, Theatre Studies and Performance
  - Northern Illinois University
  - Rockford University
  - Western Illinois University

#### Master’s Degree

- Master of Fine Arts, Acting or Directing
  - Northern Illinois University
  - Illinois State University
  - Western Illinois University
Students must participate in eligibility testing in order to attend the Auburn Gifted Academy. The Gifted Academy defines itself by the core subjects taken by students. The smaller learning community consists of teachers in the four core subject areas, English, Mathematics, Science, and History and the Social Sciences. Gifted students take a four-year sequence of core courses that prepares them to be competitive at any college or university of their choice.

Mirroring the intense, multifaceted, and nonconformist nature of giftedness, the Gifted Academy sets forth a qualitatively differentiated instructional program in content compacted and extended, in teaching strategies of exposition and inquiry, in assessment balancing logical critique and open-ended creativity. Intellectual development is promoted through planned activities, which include critical thinking skills, as well as skills that develop the capacity for analysis, synthesis, and evaluation. It is designed for academically talented, highly motivated students who intend to pursue the most rigorous, challenging educational programs beyond high school.

Electives may be chosen from Gifted courses or any other elective offerings at Auburn High School. This is the typical sequence of courses for a Gifted Academy student; however, there are many options for substitutions.

<table>
<thead>
<tr>
<th>Grade</th>
<th>English/Language Arts</th>
<th>Math (varies due to student MS experiences)</th>
<th>Science</th>
<th>Social Studies</th>
<th>PE/Health</th>
<th>Electives (to meet graduation requirements)</th>
<th>Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Gifted Academy English 9 or Gifted AP Language</td>
<td>Gifted Academy Algebra or Gifted Academy College Algebra</td>
<td>Gifted Academy Chemistry or Gifted Academy Advanced Biology</td>
<td>AP US Government &amp; Politics / AP Comparative or Gifted Academy World Affairs</td>
<td>PE 9</td>
<td>Global Fine Arts CTE World Languages</td>
<td>Gifted Academy Freshman Seminar 1 semester</td>
</tr>
<tr>
<td>10</td>
<td>Gifted Academy AP English Literature &amp; Composition</td>
<td>Gifted Academy Geometry or Gifted Academy Trigonometry</td>
<td>Gifted Academy Chemistry or AP Biology and/or AP Chemistry</td>
<td>AP World History</td>
<td>PE 10 (S) Health (S)</td>
<td>Global Fine Arts CTE World Languages</td>
<td>BAMIT CAPA EMITT HPS HS Gifted Academy Pathway Elective Students will consult the Academies Guide to choose a personal 3-year course sequence pathway.</td>
</tr>
<tr>
<td>11</td>
<td>Gifted AP Seminar or Gifted Academy AP English Language &amp; Composition</td>
<td>Gifted Academy Math (various options available)</td>
<td>AP Physics 1 or AP Biology (if Biology not taken in 10th grade)</td>
<td>Gifted Academy AP US History</td>
<td>PE Elective</td>
<td>Global Fine Arts CTE World Languages</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Gifted English 12 or Gifted AP Research</td>
<td>Gifted Academy Math (various options available)</td>
<td>AP Physics C or AP Physics 1 (if not taken as a junior) or AP Bio (if not taken as a junior)</td>
<td>AP Macroeconomics / AP Micro-economics</td>
<td>PE Elective</td>
<td>Global Fine Arts CTE World Languages</td>
<td></td>
</tr>
</tbody>
</table>

(s) = semester

Courses are subject to change each year due to graduation requirements, increased offerings, curriculum changes, and student requests. **Gifted Academy Choices:**

- Gifted Academy Creative Writing
- Advanced Creative Writing
- Speech Communications
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- Gifted AP Seminar
- Gifted AP Research
- Gifted Academy Senior Seminar
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 2
- AP Physics C
- Organic Chemistry
- Microbiology
- Anatomy & Physiology
- AP European History
- AP Psychology
- AP Art History
- AP Computer Science A
- Gifted Academy STEM Applications
COLLEGE AND CAREER READINESS

GIFTED ACADEMY FRESHMAN SEMINAR (61900)

One Semester. Optional Freshman Seminar Course is available to interested students. Gifted Academy Freshman Seminar pairs an early, in-depth college preparatory research project with the study skills necessary for success in the Gifted Academy, college, and post-collegiate endeavors. This course includes activities and intensive writing projects designed to build scholarly success skills, communication skills, critical thinking and problem solving skills, and personal qualities (responsibility, self-esteem, self-management, and integrity).

ENGLISH

GIFTED ACADEMY ENGLISH 9 (61001)

Yearlong. Freshman Gifted Academy English furthers the development of the argumentative writing and rhetorical analysis skills needed for high school and college preparation. This is a writing intensive course. In addition, students will engage in discussion, analysis, and inquiry of speeches, art, music, advertisement, short stories, plays, and novels from a range of regions, styles, and time periods. Students will be introduced to a variety of analytical lenses in both rhetorical and literary fields. Critical thinking is an integral component to the class discussions, essays, and creative presentation of works studied.

GIFTED ACADEMY AP ENGLISH LITERATURE AND COMPOSITION (61004)*

Yearlong. Gifted Academy Advanced Placement English hones student argumentative writing and literary analysis skills in order to assist student success in the spring on the Literature and Composition Examination. Students will engage in discussion, analysis, and inquiry of literature written from 1600 to present from a variety of different genres, styles, and regions. New Historicism will be applied to the reading of all literature with a particular emphasis on advanced close reading skills. Assessments vary among shorter and longer written analytical arguments, reading quizzes, group essays, creative presentations and retired AP Literature and Composition Examinations. Particular attention will be paid to the development of individual student writing style through sentence patterns and combining; literary analysis based on self-directed topics; and both formulaic and organic argumentative writing structures. Written assignments will become increasingly open ended as the year progresses. *quality points/weighted grade

GIFTED ACADEMY AP ENGLISH LANGUAGE AND COMPOSITION (61007)*

Yearlong. Gifted Academy Advanced Placement English combines enough skill-building and practice to help the student to score successfully in the spring on the Language and Composition Examination with the Academy emphasis upon both the acceleration and enrichment suitable for the gifted student. Suitable to philosophical exploration, the course focuses on structures of thought that lead to abstraction, with an emphasis in reading of non-fiction philosophy and theory. Literature is used throughout the year as a means by which to practice theory-driven analysis and abstraction. Assessments vary among shorter and longer written analytical arguments, group teaching of the class, reading quizzes, and creative presentations. Emphasis falls upon the determinants of good writing, namely conscious control of sentence structure, logical organizational flow, skillful enunciation of thesis position, and assemblage of rational, concrete proof for the argumentative stance. Written assignments strive to be open-ended, allowing each student to locate his own meaningful stance. *quality points/weighted grade

GIFTED S.T.E.M. APPLICATIONS (61230)*

Grade Level: 9-12. Yearlong (repeatable annually). Prerequisites: None. This course involves applying content in science, technology, engineering, and mathematics topics utilizing the state and national Science Olympiad events as curriculum for interested students in the Gifted Academy. The course will change yearly based upon the rotation of events into or out of the National Tournament Event List which cover five major areas: Life, Personal & Social Science, Earth & Space Science, Physical Science & Chemistry, Technology & Engineering, and Inquiry & Nature of Science. Students will master lab/science skills for their choice from the Application based group. Students will design, build, and test a product for their choice from the Product based group. *quality points/weighted grade
**GIFTED AP SEMINAR (61040)**

**Grade Level:** 11. **Yearlong.** This is a foundational course that engages students in cross-curricular conversations to explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. They synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as a team. The course equips students with the power to analyze and evaluate information with accuracy and precision to craft and communicate evidence-based arguments. Students consider one topic from multiple perspectives, many of which are divergent or competing, to aid in interdisciplinary understanding and to give students a rich appreciation for the intricacy of important issues. 

*quality points/ weighted grade*

**GIFTED AP RESEARCH (61043)**

**Grade Level:** 12. **Yearlong.** Prerequisite: AP Seminar 11. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong investigation to address a research question. Students further develop the skills acquired in the AP seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. Students learn and employ research and inquiry methods to develop, manage, and conduct an in-depth investigation of an area of personal interest. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. Using a process and reflection portfolio (PREP), students document their inquiry processes, communicate with their teachers and expert advisers as needed, and reflections on their thought processes. Students present (using appropriate media) and defend the topic of inquiry/research question, approach, and findings or product to a panel.

*quality points/weighted grade*

**MATH**

**GIFTED ACADEMY ALGEBRA (61300)**

**Yearlong.** This course presents the fundamental concepts of algebra. Topics included are integers, signed numbers, algebraic expression, radicals, first and second degree equations, inequalities, polynomials, factoring, functions, graphing, and system of equations. This course addresses the needs of the gifted students through problem solving strategies used in real life application. Successful completion of this course will prepare students for the challenges of Gifted Academy Geometry.

**GIFTED ACADEMY GEOMETRY (61306)**

**Yearlong.** Prerequisite: Gifted Academy Algebra. This course is intended for students interested in math related fields of study. This is a college preparatory course with emphasis on proof. The purpose of this course is to introduce students to the major concepts and tools for analyzing given data and drawing conclusions from the data. Topics include geometric vocabulary, properties and relationships, real-world applications, deductive reasoning, coordinate geometry, and transformations. This course develops problem solving skills as it incorporates geometric concepts such as lines, polygons, Pythagorean Theorem, circles, area, volume, and constructions.

**GIFTED ACADEMY COLLEGE ALGEBRA (61303)**

**Yearlong.** Prerequisite: Algebra. This course develops the concept of functions and its graph, inverse functions, exponential functions, and systems of linear equations as well as the matrix methods to solve those systems. In addition, sequences and series, the binomial theorem, and mathematical induction will be included to increase the problem solving capabilities of the academically gifted student. Graphing calculators will be incorporated into classroom instruction to prepare students for the ACT/SAT exams.
GIFTED ACADEMY TRIGONOMETRY (61309)

**Yearlong. Prerequisites:** Gifted Academy Geometry and Gifted Academy College Algebra. This is a college preparatory course. First semester Trigonometry emphasizes the 6 trigonometric functions, including their graphs and inverses, the special right triangles, verification of identities, solving trigonometric equations, and lastly, the law of Sines and the Law of Cosines. Second semester has a pre-calculus focus and emphasizes vectors, polar equations and graphs, logarithmic and exponential functions, conics, and the introduction of beginning calculus limits and derivatives.

AP CALCULUS AB (13436)*

**Yearlong. Prerequisite:** Trigonometry or Pre-Calculus. This is an advanced placement course in calculus. Topics included are parametric and polar equations, analytic geometry of three dimensions, vectors, partial derivatives, multiple integrals, vector calculus, and differential equations. *quality points/weighted grade

AP CALCULUS BC (13433)*

**Yearlong. Prerequisite:** Trigonometry or Pre-Calculus, or Teacher Recommendation. This is an advanced placement course in calculus. Topics included are functions, limits, continuity, derivations, applications of the derivative, integrals, exponential and logarithmic functions, inverse functions, applications of the definite integral, techniques of integration, and infinite series. At the end of this course students will be encouraged to take the AP Calculus BC exam. *quality points/weighted grade

SCIENCE

GIFTED ACADEMY ADVANCED BIOLOGY (61220)

**Grade Level:** 9. **Yearlong. Prerequisite:** Gifted Academy Biology 8. Students will discover and understand many of the intriguing processes of living organisms. Students will take on the role of scientific researcher as they design and perform experiments, collect and interpret data, and draw conclusions based on hypotheses. The knowledge gained and the skills developed will then enable students to critically analyze current scientific research that is discussed in the media. Content includes the characteristics of life, organic chemistry functional groups and protein folding, cell biology with an emphasis on cellular respiration, photosynthesis and cell signaling, cellular transport and division, plant structure and processes with an emphasis on reproduction and Auburn hormones, DNA/RNA/protein synthesis/biotechnology, genetics and reproduction, evolution with an emphasis on molecular evidence, and the relationship of structure to function and physiological connections in the human body.

GIFTED ACADEMY CHEMISTRY (61206)

**Yearlong.** Gifted Academy Chemistry examines the building blocks of all matter through following modern atomic theory. This course is inquiry and lab intensive. This course uses the periodic table to help simplify the study of elements by grouping those that have common reactions. Writing formulas for compounds, equations for reactions and stoichiometric relationships (using equations) are key components of this course. Topics of discussion include energy changes for phase changes, chemical reactions, and nuclear reactions; acid-base reactions, equilibrium, and reaction rates are analyzed as well. Deductive and inductive reasoning, problem solving methods, and higher levels of thought are all used extensively in this study.

AP PHYSICS 1 (14415)*

**Yearlong. Prerequisites:** Chemistry, Algebra and Geometry. Concurrent enrollment in Trigonometry is recommended. This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Course skills include using representations and models to solve scientific problems, applying mathematics to science phenomena, engaging in scientific questioning, planning and implementing data collection and analysis, and connecting and relating knowledge across scales, concepts, representations, and domains. Students will prepare for the AP Physics 1 exam at the conclusion of the course. *quality points/weighted grade
SOCIAL SCIENCES AND HISTORY

**AP WORLD HISTORY (12116)**

**Grade Level:** 10. **Yearlong.** This course is offered to Gifted Academy sophomores who are ready for the rigor and accelerated pace of a college level history course. The curriculum is aligned with College Board standards and is designed to provide students with the analytical skills and factual knowledge to deal critically with world problems. Societies will be compared with an emphasis on the larger processes affecting societies and civilizations, and key time periods will be examined. Students will prepare for the AP World History exam at the conclusion of the course.  
*quality points/weighted grade*

**AP HUMAN GEOGRAPHY (12106)**

**Grade Level:** 10-12. **Yearlong.** The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students will prepare for the AP exam.  
*quality points/weighted grade*

**AP UNITED STATES GOVERNMENT AND POLITICS (12212)**

**Grade Level:** 9. **One Semester.** This college preparatory government course will examine the theoretical and practical purpose of democracy in society. This course introduces and analyzes various groups, beliefs, and ideas as a method for understanding the United States Constitution. Students will study the major branches of the government, the legislative, executive, and judicial, in preparation for the AP exam.  
*quality points/weighted grade*

**AP COMPARATIVE GOVERNMENT AND POLITICS (12215)**

**Grade Level:** 9. **One Semester.** The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, explain differences in processes and policy outcomes, and communicate to students the importance of global political and economic changes.  
*quality points/weighted grade*

**GIFTED ACADEMY AP U.S. HISTORY (61126)**

**Yearlong.** The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials — their relevance to a given interpretive problem, reliability, and importance — and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course thus develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will prepare for the AP exam.  
*quality points/weighted grade*

**AP MACROECONOMICS (12231)**

**One Semester.** This college preparatory economics course emphasizes a macroeconomics approach that gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. The study includes national incomes and price determinations along with money and banking, public finance, and international economics. Students will prepare for the AP exam.  
*quality points/weighted grade*

**AP MICROECONOMICS (12230)**

**One Semester.** The purpose of a course in microeconomics is to give students a thorough understanding of the principles of economics that applies to the functions of individual decision maker, both consumers and producers. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and the role of government. Students will prepare for the AP exam.  
*quality points/weighted grade*
Auburn Gifted Academy

**GIFTED ACADEMY ELECTIVES**

**COLLEGE AND CAREER READINESS**

**GIFTED ACADEMY SENIOR SEMINAR (61403)**

**Grade Level:** 12. **Yearlong.** This elective course is designed to give Gifted Academy students university-level experience in independent study, primary and secondary research, seminars on a variety of research-related topics, and the development and presentation of an original document. The Senior Seminar follows the dissertation process.

**ENGLISH**

**GIFTED ACADEMY CREATIVE WRITING (61013)**

**Grade Level:** 9. **One Semester.** This course is structured as a writing workshop. Students will engage in writing short fiction using classic and modern literary models. This course focuses on structural, stylistic, and creative topics during the production and editing of student-directed fiction. Students will learn to use language as an instrument to express their unique and individual voices. Students will become more critical readers as they learn how to critique others’ work and accept critiques of their own work.

**GIFTED ACADEMY ADVANCED CREATIVE WRITING (61023)**

**Grade Level:** 10-12. **Yearlong.** This course is structured as a writing workshop to strengthen students’ writing skills and understanding of various creative genres. Students will engage in writing short and longer fiction pieces, using classic and modern literary models. This course focuses on structural, stylistic, and creative topics during the production and editing of student-directed fiction. Students will learn techniques necessary for longer pieces of writing: planning, maintaining cohesiveness and fluidity, developing dynamic story arcs and characters, using a repetition of symbols, and layering complex plots and themes. Students will improve their use of language as an instrument to express their unique and individual voices. It will also demand of students a great deal of writing and editing, mirroring the rigorous, college-level learning for students in the Gifted Academy Program.

**GIFTED ACADEMY SPEECH COMMUNICATIONS (61014)**

**One Semester.** This elective course is designed to provide students with the valuable tool of successful oral expression. Not only does the possession of this skill provide the student with an improved means of communication that will be useful in both professional and personal lives, but also in developing the confidence that will enable the student to present himself/herself successfully. Students will develop listening skills as well as speaking skills in the area of debate, impromptu, informational, persuasive, demonstration speeches and oral interpretation.

**MATH**

**AP STATISTICS (13426)**

**Yearlong.** This course is designed to provide students with a learning experience equivalent to an introductory college in statistics. This course is intended for students interested in fields of social sciences, health sciences, and business. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The major themes include: explorations for data, sampling and experiments, applying probability, anticipating patterns and statistical inference. Students will be required to complete a final project in which they incorporate all major concepts of statistics. Students will prepare for the AP exam.

* quality points/weighted grade

**AP COMPUTER SCIENCE A (13440):**

Lab fee required. This is a college level course in computer science. This course introduces the student to JAVA software development. Students will write platform-independent, object oriented code for conventional Internet- and Intranet-based applications. Topics covered include graphical user interface (GUI) development, multimedia (images, animation, and audio); graphic strings, exception and security; application portability. A number of programming assignments will be given to enable the student to build real-world JAVA applications. Students will prepare for the AP exam.

* quality points/weighted grade
SCIENCE

AP BIOLOGY (14206)*

Yearlong. Lab Fee: $5.00. Prerequisite: Biology, Chemistry. This is a course for students interested in a college equivalent Biology course. This course follows the Advanced Placement (AP) curriculum. Topics addressed in depth include biological systems and interactions, life processes, cell processes, energy and metabolism, heredity and genetics, ecology, and evolution. Laboratory work and inquiry are significant parts of this course. Students who successfully pass the AP Biology proficiency exam may receive college credit for Biology.

"quality points/weighted grade

AP CHEMISTRY (14306)*

Yearlong. Lab Fee: $5.00. AP Chemistry is a college chemistry lecture and lab class. The presentation follows modern quantum mechanical theory. Students will write formulas for compounds, equations for reactions, and stoichiometric relationships equations. Students will analyze thermodynamic changes including enthalpy changes, entropy changes, and Gibbs free energy changes. The will also study acid/base reactions, equilibrium, reactions kinetics, coordination compounds, and oxidation-reduction reactions. Students will prepare for the AP exam.

"quality points/weighted grade

AP PHYSICS 2 (14418)*

Yearlong. Prerequisites: Chemistry, Physics 1, Algebra and Geometry. This course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Course skills include using representations and models to solve scientific problems, applying mathematics to science phenomena, engaging in scientific questioning, planning and implementing data collection and analysis, and connecting and relating knowledge across scales, concepts, representations, and domains. Students will prepare for the AP Physics 2 exam at the conclusion of the course.

"quality points/weighted grade

AP PHYSICS C (14406)*

Yearlong. Prerequisites: Chemistry and Physics or AP Physics 1. Concurrent enrollment in AP Calculus AB is recommended. This is a rigorous, calculus based physics course designed by the College Board. Two major topics, Mechanics and Electricity and Magnetism, are covered. Students will prepare for both AP Physics C exams: Mechanics and Electricity and Magnetism.

"quality points/weighted grade
AP ENVIRONMENTAL SCIENCE (14510)*

Yearlong. The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science that will be taught as a year-long high school class. The AP Environmental Science course has been developed to enable students to undertake a more advanced study of topics in environmental science. Students will prepare for the AP exam. *quality points/weighted grade

ORGANIC CHEMISTRY (14312)

Grade Level: 11-12. One Semester. Prerequisites: Biology and Chemistry. This course introduces students to various basic techniques and fundamentals in organic chemistry. Topics covered include nomenclature, structure and bonding, and reactions of hydrocarbons with important classes of natural and synthetic organic compounds. Offered in conjunction with Microbiology.

SOCIAL SCIENCES AND HISTORY

GIFTED ACADEMY WORLD AFFAIRS (61103)

Grade Level: 9. One Semester. Students will research current global issues, e.g. Endangered Cultures, Global Climate Change, Integration and Multiculturalism, etc. They will read scholarly journals that reflect on world problems and offer possible solutions. They will take their research and begin to piece together a cross-curricular picture of the problem through gathering research, cultural documents (literature, art, speeches, videos, etc). This entire process emulates real-world problem solving by asking students to determine what information is necessary to fully understand the problem, evaluate potential solutions, and seek total understanding of a dynamic world issue that directly and indirectly impacts their lives. Because of the breadth of the materials they will be analyzing, students will read a wide array of materials, write in multiple modes and with multiple purposes, and think critically about a wide array of topics.

MICROBIOLOGY (14209)

Grade Level: 11-12. One Semester. Prerequisites: Biology and Chemistry. This course introduces students to various basic techniques and fundamentals in the field of microbiology. Topics covered include microbiological concepts in laboratory experiments and develop appropriate aseptic techniques needed to work in clinical environments. Offered in conjunction with Organic Chemistry.

ANATOMY & PHYSIOLOGY (14603)

Yearlong. This course is focused on the structure and function of the human body. This course covers levels of organization; support and movement; integration, coordination, and control; transport; maintenance; and the human life cycle. This is a laboratory course designed especially for students interested in medical fields.

AP EUROPEAN HISTORY (12310)*

Yearlong. Prerequisite: World History. This is a college level introductory elective course into modern European history that examines the major events, trends, ideologies, philosophies, and chronology from 1450 to the present. Students will examine themes in history and interrelated categories (political, diplomatic, intellectual, cultural, social and economic) as they investigate, using primary and secondary sources, the elites with the experiences of ordinary people. Students will prepare for the AP exam. *quality points/weighted grade

AP PSYCHOLOGY (12406)

Yearlong. Advanced Placement Psychology is designed as a college-level class to introduce students to the systematic and scientific study of the human behavior and mental processes. This course will help develop independent and critical thinking skills and prepare students for the AP exam. The core concepts and theories of psychology are explored from a variety of theoretical approaches including the biological, behavioral, cognitive, humanistic, psychodynamic, and socio-cultural perspectives. Students are exposed to facts, principles, and phenomena associated with each of the major subfields within psychology. Students will prepare for the AP exam.
PLEASE NOTE: Each student must enroll in a minimum of one pathway elective per year. Choosing a pathway is choosing a **4 course sequence**. You must take all 4 courses as a part of your pathway. Students are only granted **1 opportunity to change pathways**, so please review ALL classes in a pathway before choosing.

### POTENTIAL CAREERS IN ADVANCED SCIENCES

<table>
<thead>
<tr>
<th>Teacher</th>
<th>Molecular biologist</th>
<th>Astrophysicist</th>
<th>Software developer</th>
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<tbody>
<tr>
<td>Ecologist</td>
<td>Biomedical scientist</td>
<td>Neurobiologist</td>
<td>Chemist</td>
</tr>
<tr>
<td>Physicist</td>
<td>University professor</td>
<td>Geneticist</td>
<td>Pharmacist</td>
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<tr>
<td>Web developer</td>
<td>Engineer</td>
<td>Oncologist</td>
<td>Psychiatrist</td>
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<tr>
<td>Biologist</td>
<td>Physician</td>
<td>Nanotechnology</td>
<td>Immunologist</td>
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### HIGH SCHOOL PATHWAY COURSES (Flexibility allowed with Gifted Academy Staff approval)

<table>
<thead>
<tr>
<th>General Sciences</th>
<th>Medical Science A</th>
<th>Medical Science B</th>
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<tbody>
<tr>
<td>Anatomy</td>
<td>Medical Terminology</td>
<td>PLTW Bio-Medical Studies</td>
</tr>
<tr>
<td>Physiology</td>
<td>Anatomy</td>
<td>AP Science</td>
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<tr>
<td>Microbiology</td>
<td>Physiology or AP Psychology</td>
<td>Gifted Senior Seminar</td>
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<tr>
<td>Organic Chemistry</td>
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<td>AP Environmental Science</td>
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<tr>
<td>Gifted Senior Seminar</td>
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### EXAMPLES OF POST-SECONDARY MAJORS AND DEGREES

**ASSOCIATE’S DEGREE / BACHELOR’S DEGREE / MASTER’S DEGREE / PH.D. / M.D.**

- Mathematics
- Medicine
- Chemistry
- Computer Science
- Biology
- Physics
- Education
- Engineering
- Zoology
- Environmental Studies
- Law
- Psychology
AGA RESEARCH AND HIGHER EDUCATION PATHWAY

POTENTIAL CAREERS IN RESEARCH AND HIGHER EDUCATION

Teacher  
Physicist  
Web developer  
University professor  
Engineer  
Physician  
Software developer  
Chemist  
Pharmacist  
Psychiatrist  
Author  
Judge  
Attorney  
Entrepreneur  
Anthropologist  
Architect  
Archaeologist  
Social Worker  
Astrophysicist  
Librarian

RESEARCH HIGH SCHOOL PATHWAY COURSES
(Flexibility allowed with Gifted Academy Staff approval)

<table>
<thead>
<tr>
<th>International Studies</th>
</tr>
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<tbody>
<tr>
<td>World Language 1</td>
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<tr>
<td>World Language 4 or AP/Gifted Senior Seminar</td>
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<table>
<thead>
<tr>
<th>Political Science and Economics</th>
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<tbody>
<tr>
<td>Ap Human Geography (as an elective) (GOV/Comp)</td>
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<tr>
<td>African American History</td>
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<tr>
<th>AP Capstone and Professional Writing</th>
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<tbody>
<tr>
<td>Mystery and Poetry Writing</td>
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<tr>
<td>Yearbook or Advanced Creative Writing</td>
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<table>
<thead>
<tr>
<th>AP Capstone Diploma (Available for students who receive a 3 or better on 4 AP exams and pass AP Research and AP Seminar in English)</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="http://advancesinap.collegeboard.org/apcapstone/how-ap-capstone-works">http://advancesinap.collegeboard.org/apcapstone/how-ap-capstone-works</a></td>
</tr>
</tbody>
</table>
EXAMPLES OF POST-SECONDARY MAJORS AND DEGREES
ASSOCIATE’S DEGREE / BACHELOR’S DEGREE / MASTER’S DEGREE / PH.D. / M.D.

- Mathematics
- Computer Science
- Education
- Environmental Studies
- Medicine
- History
- Law
- Architecture
- Chemistry
- Philosophy
- Business
- Psychology
- English

HIGHER EDUCATION HIGH SCHOOL PATHWAY COURSES
(Flexibility allowed with Gifted Academy Staff approval)

<table>
<thead>
<tr>
<th>Engineering</th>
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<tbody>
<tr>
<td>PLTW (Intro to) Engineering Design</td>
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<tr>
<td>PLTW Principles of Engineering</td>
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<tr>
<td>PLTW Digital Electronics</td>
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<tr>
<td>Gifted Senior Seminar</td>
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<tr>
<th>Computer Technology</th>
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<tbody>
<tr>
<td>PLTW Computer Science</td>
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<tr>
<td>PLTW Computer Science Applications</td>
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<tr>
<td>PLTW Cyber Security</td>
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<tr>
<td>Gifted Senior Seminar</td>
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<table>
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<tr>
<th>Education (Rockford University)</th>
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<tbody>
<tr>
<td>Child Development or Psychology</td>
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<tr>
<td>AP Psychology or Child Care Careers</td>
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<tr>
<td>Education Psychology</td>
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<tr>
<td>Intro to Teaching</td>
</tr>
<tr>
<td>Gifted Senior Seminar</td>
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