

# Harrison Central Junior-Senior High School



## Program of Studies

**2023 - 2024**



# Harrison Central Junior-Senior High School Program of Studies

During your 6 years at Harrison Central Junior-Senior High School, you will be laying the foundation for your future years. You will be deciding if you will be attending college, pursuing a trade, joining the military, or enter the workforce immediately upon graduation. Regardless of your decision, it is important that you select your courses with care and in a manner that will prepare you for your goals after high school.

To help you with your selection, the counseling staff at Harrison Central has prepared this Program Studies booklet with you in mind. You will find a brief description of each course offered and information related to the planning of your high school years. You and your parents/guardians are urged to talk with teachers, counselors, and administrators as you develop your schedule and plan through school links.

Many personnel and programming decisions are made each year based upon student course requests. For this reason, it is imperative to make thoughtful and appropriate selections. We absolutely discourage the thought of registering for a course with the assumption that it can be changed should it prove not to be of your liking. Registration, therefore, should be a result of combined input from the student, parents/guardians, current teachers, and school counselor.

There are very few occasions in that once a course is started, the student would be permitted to drop the class. Course changes will not be made for the reason of teacher preference. However, if a student is repeating a course previously failed, a change in teacher placement may be considered.

Have a great school year and please feel free to contact the principals' or school counselors' offices with any questions or concerns.

Mr. Ken Parker, Principal

Ms. Ashley Doren, School Counselor

Mr. Rob Richards, School Counselor

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**Harrison Central Junior/Senior HS Program of Studies is subject to change & is revised periodically. For the latest edition of the Program of Studies, please visit our website at [www.hhcsd.org](http://www.hhcsd.org).**

### **Non Discrimination Statement (Title IX)**

All of the courses, programs, and activities presented in this booklet are open to all students without regard to race, color, national origin, sex, or handicap. This policy meets all requirements and directions of the U.S. Dept of Educ. under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

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# High School Graduation Requirements

## What It Takes to Earn an Ohio Diploma

### Class of 2023 & Beyond

**Ohio's High School Graduation Requirements**  
Classes of 2023 and Beyond

**It's Your Future. Get Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after July 1, 2019, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

**First, cover the basics**

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	1/2 credit
Mathematics	4 credits
Physical education	1/2 credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

**Other Requirements**  
You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

**Second, show competency**

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

**Is testing not your strength?** After you have taken your tests, there are three additional ways to show competency!

**Option 1.** Demonstrate Two Career-Focused Activities:  
**Foundational**  
Proficient scores on WorkKeys  
A 12-point industry credential  
A pre-apprenticeship or acceptance into an approved apprenticeship program  
**Supporting**  
Work-based learning  
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

**Option 2.** Enlist in the Military  
Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

**Option 3.** Complete College Coursework  
Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

Ohio Department of Education

- Step 1:** Earn 20 credits in specified subjects
- English Language Arts - 4 Credits
  - Mathematics - 4 Credits
  - Science - 3 Credits
  - Social Studies - 3 Credits
  - Health - 1/2 Credit
  - Physical Education - 1/2 Credit
  - Electives - 5 Credits

Financial Literacy - 1/2 Credit  
(Starting with Class of 2025)

(Certain subjects must be met in each of these specific Areas)

**Third, show readiness**

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

**At least one of the two must be Ohio-designed:**

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine and Performing Arts Seal (Local)
- Student Engagement Seal (Local)

Want to learn more? Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation)

Ohio Department of Education

- Step 2:** Earn a passing score on Ohio's Algebra 1 and English 2 tests. Students who do not pass will retake. If you still do not pass, 3 additional options are available.

- Step 3:** Show readiness by earning at least two of the twelve available diploma seals. At least one of these seals must be an Ohio Designed Seal (See page 7)

For more information visit:  
<http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements>



# High School Graduation Requirements

**Starting with the class of 2023, students will be required to earn at least two seals, one of which must be state defined, in order to earn a diploma.**

<b>State-Defined Diploma Seals</b> <i>(Must Earn at Least One)</i>	
<p><b>Military Enlistment Seal</b></p> <p>Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program</p>	<p><b>Industry-Recognized Credential Seal</b></p> <p>Earn a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field.</p>
<p><b>Technology Seal</b></p> <p>A student can:</p> <ol style="list-style-type: none"> <li>1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam;</li> <li>2. Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program; or</li> <li>3. Complete a course offered through the district or school that meets guidelines developed by the Department. (A district or school is not required to offer a course that meets those guidelines.)</li> </ol>	<p><b>Honors Diploma Seal</b></p> <p>Earn one of six Honors Diplomas outlined below:</p> <ol style="list-style-type: none"> <li>1. Academic Honors Diploma;</li> <li>2. International Baccalaureate Honors Diploma;</li> <li>3. Career-Tech Honors Diploma;</li> <li>4. STEM Honors Diploma;</li> <li>5. Arts Honors Diploma;</li> <li>6. Social Science and Civic Engagement Honors Diploma.</li> </ol>
<p><b>Citizenship Seal</b></p> <p>A student can:</p> <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on both the American history and American government end-of-course exams or earn a "B" or higher in hs course(s);</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or</li> <li>3. Earn a final course grade that is equivalent to a "B" or higher in appropriate classes taken through the College Credit Plus program.</li> </ol>	<p><b>Science Seal</b></p> <p>A student can:</p> <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on the biology end-of-course exam or earn a "B" or high is advanced hs course;</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or</li> <li>3. Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program.</li> </ol>
<p><b>State Seal of Biliteracy</b></p> <p>Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English</p>	<p><b>College-Ready Seal</b></p> <p>Earn remediation-free scores on the ACT or SAT. Visit the Department's website to see current remediation-free scores</p>
<p><b>Ohio Means Jobs-Readiness Seal</b></p> <p>Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.</p>	
<b>Locally Defined Diploma Seals</b>	
<p><b>Student Engagement Seal</b></p> <p>A student shall complete two (2) school sponsored activities outside of the curricular classroom in extracurriculars such as athletics, clubs, or student government.</p>	<p><b>Fine Arts Seal</b></p> <p>A student shall complete one (1) fine arts credit and participate in one (1) fine arts related activity outside of the earned credit class.</p>
<p><b>Community Service Seal</b></p> <p>A student shall complete forty (40) hours of unpaid documented community service</p>	

# Diploma with Honors Criteria

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma
<b>Math</b>	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	3 units	4 units, including two units of advanced science <sup>2</sup>	4 units, biology, chemistry, and at least one additional advance science <sup>2</sup>	4 units, including two units of advanced science <sup>2</sup>
<b>Social Studies</b>	3 units	4 units	4 units	4 units
<b>World Languages</b>	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied
<b>Fine Arts</b>	2 Semesters	1 unit	1 unit	N/A
<b>Electives</b>	5 units	N/A	N/A	4 units of Career-Technical minimum <sup>3</sup>
<b>GPA</b>	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on 4.0 scale
<b>ACT/SAT/WorkKeys<sup>1</sup></b>	N/A	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup> /WorkKeys (6 Reading for Information & 6 Applied Mathematics) <sup>7</sup>
<b>Field Experience</b>	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>
<b>Portfolio</b>	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>
<b>Additional Assessments</b>	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent

Criterion	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
<b>Math</b>	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content <sup>4</sup>	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	5 units, including two units of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>
<b>Social Studies</b>	3 units	3 units	5 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
<b>Fine Arts</b>	1 unit	4 units	1 unit
<b>Electives</b>	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
<b>GPA</b>	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
<b>ACT/SAT/WorkKeys<sup>1</sup></b>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>
<b>Field Experience</b>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>
<b>Portfolio</b>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts <sup>6</sup>
<b>Additional Assessments</b>	N/A	N/A	N/A



## Physical Education Waiver

Harrison Hills City School District, according to state rules, has adopted a policy to excuse from the high school physical education requirement each student who, during high school, participates in interscholastic athletics, marching band, or cheerleading for at least two full seasons (according to the state, no other activities, show choirs, non-school-sponsored athletics, etc. will be counted).

If a student chooses to pursue this waiver option, the student will not be required to complete any Physical Education course as a condition to graduate. However, the student will still be required to complete one-half credit in another course of study.

The waiver requires participation "for at least two full seasons." If a student was "cut" or quit the activity at any time during the season, it cannot be used to meet the two-season requirement. In addition, participation in one full season will not allow a student to earn partial credit.

Forms are available in the guidance office, for anyone wishing to use this option. They must be filled out completely and filed with the guidance office immediately following the end of each season.

The following activities can be used to waive the physical education requirement:

Baseball	Basketball (Boys & Girls)	Bowling	Cross Country
Cheerleading (Football)	Cheerleading (Basketball)	Cheerleading (Competition)	Football
Golf	Marching Band	Soccer	Softball
Track	Volleyball	Wrestling	

## Honor Roll & Principal's Lists

### Honor Roll

A student must carry a 3.0 G.P.A. with no grade lower than "C" for the nine weeks.

### Principal's List

A student must carry a 3.51 G.P.A. with no grade lower than "C" for the nine weeks.

### Principal's List with Distinction

A student must carry a 4.0 G.P.A. with no grade lower than "B" for the nine weeks.

## Academic Letter

### Eligibility Requirements

Cumulative 3.0 G.P.A. or make honor roll/principal's list the first 3 nine week grading periods with no grade below a "C."

Student must submit 45 hours of documented community service for the school year. Summer community service programs will be recognized.

Deadline for Submission: May 1st

## National Honor Society (High School)

Membership in the National Honor Society (NHS) is based on a student's fulfillment of four requirements (Scholarship, Leadership, Service, Character). Members of the junior and senior class who complete their application and meet all four requirement areas will be admitted to the National Honor Society. Students will be notified during the 3rd nine weeks of their 11th and 12th grade years if they meet the academic criteria.

**Scholarship:** 11th Grade GPA Requirement- 3.5 cumulative grade point average through 5 Semesters  
12th Grade GPA Requirement- 3.5 cumulative grade point average through 7 Semesters

**Leadership:** Requires that each student has held a leadership position in some activity while in high school. A leadership position requires that the student be responsible for overseeing a group of people. Leadership in organizations outside of school may count towards this requirement.

**Service:** Requires members to participate in a variety of school activities but also to serve the greater community outside of the school.

11th Grade Requirement- Earn 8 activity points in grades 9-11 and complete 40 hours of service  
12th Grade Requirement- Earn 10 activity points in grades 9-12 and complete 60 hours of service

Activity points are awarded to students according to the time spent participating in various extracurricular activities: one point for activities meeting for approximately 40 hours, two points for 80 hours, and three points for 120 hours.

**Character:** Student will be evaluated by the faculty and administration according to the National Honor Society standards for good character.

Character will automatically be questioned by events leading to suspension from school, consistent lateness, cheating, or other offenses brought forth by a member of the faculty or administration.

## National Honor Society (Junior High)

Membership in the National Honor Society (NHS) is based on a student's fulfillment of four requirements (Scholarship, Leadership, Service, Character). Members of the 7th and 8th grade class who complete their application and meet all five requirement areas will be admitted to the National Honor Society. Students will be notified at the end of the 3rd nine weeks of their 7th and 8th grade years if they meet the academic criteria.

**Scholarship:** 7th Grade GPA Requirement- 3.5 cumulative grade point average through the 2nd 9 weeks  
8th Grade GPA Requirement- 3.5 cumulative grade point average through the 2nd 9 weeks

**Leadership:** Requires that each student has held a leadership position in some activity while in junior high school. A leadership position requires that the student be responsible for overseeing a group of people. Leadership in organizations outside of school may count towards this requirement.

**Service/Citizenship:** Requires members to participate in a school activity but also to serve the greater community outside of the school.

**Character:** Student will be evaluated by the faculty and administration according to the National Honor Society standards for good character.

Character will automatically be questioned by events leading to suspension from school, consistent lateness, cheating, or other offenses brought forth by a member of the faculty or administration.

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# Scheduling Guide

## **Four/Five Year Planning Overview**

In order to take full advantage of the high school experience, it is important that students carefully consider the courses, programs, and experiences in which they would like to participate during their four years. To assist with this important task, students are strongly encouraged to develop a "**4 /5 Year Plan**" for high school. (See the following pages for a template to create your plan)

Because many courses and programs have specific prerequisites and/or selective admission criteria, it is important that students plan ahead to ensure eligibility for their experiences. The planning tool will help with this process.

## Grade 08

Area	Course	Course Code	Type (TR/OL/CF/WR/CCP)	Credit
Reading				
Math				
Science				
Social Studies				
Writing				
Elective				
Elective				

*Tr - Traditional   OL - On-Line   CF - Credit Flexibility   WR - PE Waiver   CCP- College Credit Plus*

### THINGS TO CONSIDER WHEN PLANNING:

- Did you consider taking any classes that will earn you high school credit? (Ex. Algebra 1, Health, Etc.)
- What electives have you selected? Do they align with the learning pathway that you are interested in?
- Are you planning to take scholars/AP classes in the future? If so, make sure to stay above a 3.0 in the subject area.

## Scheduling Guide

**Use the following templates to help you schedule your four year plan.**

### Grade 09

Area	Course	Course Code	Type <small>(TR/OL/CF/WR/CCP)</small>	Credit
English				1
Math				1
Science (Phy Sci)				1
Social Studies (Amer Hist)				1
Health				1/2
Elective				
Elective				
Elective				

*Tr - Traditional   OL - On-Line   CF - Credit Flexibility   WR - PE Waiver   CCP- College Credit Plus*

**THINGS TO CONSIDER WHEN PLANNING:**

- Did you earn HS credits in 7th or 8th grade?
- What electives have you selected? Begin exploring your learning pathway now.
- Are you college bound or going to try for an Honors Diploma? If so, make sure to schedule appropriately.

### Grade 10

Area	Course	Course Code	Type <small>(TR/OL/CF/WR/CCP)</small>	Credit
English				1
Math				1
Science (Biology)				1
Social Studies (World Hist)				1
Physical Education				1/2
Financial Literacy				1/2
Elective				
Elective				

*Tr - Traditional   OL - On-Line   CF - Credit Flexibility   WR - PE Waiver   CCP- College Credit Plus*

**THINGS TO CONSIDER WHEN PLANNING:**

- Have you looked at prerequisites for courses you may want to take during 11th and 12th grade?
- What electives can you schedule in your learning pathway?
- Will you have at least 2 to 3 credits of a foreign language? Some 4-year college require this for admission.

## Scheduling Guide

**Use the following templates to help you schedule your four year plan.**

### Grade 11

Area	Course	Course Code	Type <small>(TR/OL/CF/WR/CCP)</small>	Credit
English				1
Math				1
Science				1
Social Studies (Amer Gov)				1
Elective				
Elective				
Elective				
Elective				

*Tr - Traditional   OL - On-Line   CF - Credit Flexibility   WR - PE Waiver   CCP- College Credit Plus*

**THINGS TO CONSIDER WHEN PLANNING:**

- Are you on track to complete all graduation requirements or do you need to take additional classes through credit recovery?
- What electives can you schedule in your learning pathway?
- Have you fulfilled the fine arts requirement for graduation?

### Grade 12

Area	Course	Course Code	Type <small>(TR/OL/CF/WR/CCP)</small>	Credit
English				1
Math				1
Social Studies	Service Learning w/ Local Hist & C. Events	904		1
Elective				
Elective				
Elective				
Elective				
Elective				

*Tr - Traditional   OL - On-Line   CF - Credit Flexibility   WR - PE Waiver   CCP- College Credit Plus*

**THINGS TO CONSIDER WHEN PLANNING:**

- Have you considered any of the extended learning opportunities available to enhance your studies?
- Are there any more electives in your learning pathway that you want to explore before leaving high school?
- Have you double-checked your course selections to ensure you are meeting graduation requirements?



# Scheduling Guide

## **Learning Pathways & Areas of Focus**

To assist students in developing a four year plan, the Harrison Hills City School District have identified four (4) Learning Pathways (in Black below) and fourteen (14) Areas of Focus to serve as guides for course and program selections. (see chart below)

<b>Working With Ideas</b>	<b>Working with Data</b>
<p><i>Engineering &amp; Technologies</i></p> <p>♦</p> <p><i>Natural Science &amp; Technologies</i></p> <p>♦</p> <p><i>Medical &amp; Related</i></p> <p>♦</p> <p><i>Arts &amp; Communication</i></p> <p>♦</p> <p><i>Social Science</i></p>	<p><i>Business</i></p> <p>♦</p> <p><i>Regulations and Protection</i></p> <p>♦</p> <p><i>Communications &amp; Records</i></p>
<b>Working with Things</b>	<b>Working with People</b>
<p><i>Environmental &amp; Related Studies</i></p> <p>♦</p> <p><i>Computer and Information Specialties</i></p> <p>♦</p> <p><i>Skilled Trades &amp; Personal Services</i></p>	<p><i>Education</i></p> <p>♦</p> <p><i>Healthcare</i></p> <p>♦</p> <p><i>Community Service</i></p>

# Scheduling Guide

Learning Pathways and Areas of Focus can be found on the following pages. Within each Area of Focus, look for the following information:

## Learning Pathways

### Working with Data

### Area of Focus: Business

Identifies the Learning Pathway

Identifies the Area of Focus

#### Interests / Skills / Traits Associated with this Pathway

<b>Computing:</b>	Determining information through the use of mathematical or statistical operations	<b>Mentoring:</b>	Advising, counseling, guiding people
<b>Synthesizing:</b>	Combine parts or elements to form a whole	<b>Negotiating:</b>	Exchange ideas, info, and opinions with others to arrive at a solution
<b>Analyzing:</b>	Examining and evaluating data		
<b>Compiling:</b>	Gathering, arranging, or classifying info		
<b>Comparing:</b>	Examining data		

Identifies common human interests, skills and traits associated with the Area of Focus.

#### Core Subjects and Recommended Elective Options

Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.

##### Core Subject Requirements

Language Arts (4 Credits)  
 Mathematics (4 Credits)  
 -Must include Algebra 2 Equivalent  
 Social Studies (3 Credits)  
 -American History, World History, and American Government  
 Science (3 Credits)  
 -Physical Science and Biology  
 Health (1/2 Credit)  
 Physical Education (1/2 Credit)  
 -May be waived using the PE Waiver, but 1/2 credit must be acquired in another area  
 Economics and Financial Literacy (1/2 Credit)  
 -Taken 12th grade year  
 Electives (5 Credits)  
 -1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
 Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, or English, Mathematics, Science, or Social Studies not otherwise required.  
 Financial Literacy (1/2 Credit)

##### Recommended Electives

#### Career Choices

- Accountant
- Actuary
- Auditor
- Budget Analyst
- Financial Planner
- Forensic Accountant
- Investment Advisor
- Marketing
- Real Estate Agent
- Sales
- Statistician
- Loan Officer
- Small Business Owner
- Stockholder
- Treasurer

Sample career choices connected to the Area of Focus

Core Subject Requirements are State of Ohio Required graduation credits

Focused Elective Options are suggested elective courses to explore within the Area of Focus.

Extended Learning Opportunities are programs that allow students further exploration with a particular Area of Focus.

#### Extended Learning Opportunities

##### Career Center Options Available



##### Online Options Available



##### College Credit Plus Options Available



# Learning Pathways

## Working with Data Area of Focus: Business

### Interests / Skills / Traits Associated with this Pathway

<b>Computing:</b> Determining information through the use of mathematical or statistical operations	<b>Compiling:</b> Gathering, arranging, or classifying info
<b>Synthesizing:</b> Combine parts or elements to form a whole	<b>Comparing:</b> Examining data
<b>Analyzing:</b> Examining and evaluating data	<b>Mentoring:</b> Advising, counseling, guiding people
	<b>Negotiating:</b> Exchange ideas, info, and opinions with others to arrive at a solution

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

Language Arts (4 Credits)  
 Mathematics (4 Credits)  
 -Must include Algebra 2 Equivalent  
 Social Studies (3 Credits)  
 -American History, World History, and American Government  
 Science (3 Credits)  
 -Physical Science and Biology  
 Health (1/2 Credit)  
 Physical Education (1/2 Credit)  
 -May be waived using the PE Waiver, but 1/2 credit must be acquired in another area  
 Service Learning w/ Local Hist & C. Events  
 -Taken 12th grade year  
 Electives (5 Credits)  
 -1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
 -Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.  
 Financial Literacy (1/2 Credit)

#### Recommended Electives

Business/Computer Technology  
 Principles of Business  
 Sports & Recreation Business  
 Publication and Design  
 Website Design & Development  
English Language Arts  
 CCP Courses Available  
World Language  
 Spanish 1, 2, 3  
 French 1, 2, 3  
Mathematics  
 Trigonometry/Pre-Calculus  
 Calculus  
 CCP Courses Available  
Social Studies  
 Psychology/Sociology  
 Street Law  
Agriculture  
 Ag/ Business Management

### Career Choices

Accountant  
 •  
 Actuary  
 •  
 Auditor  
 •  
 Budget Analyst  
 •  
 Financial Planner  
 •  
 Forensic Accountant  
 •  
 Investment Advisor  
 •  
 Marketing  
 •  
 Real Estate Agent  
 •  
 Sales  
 •  
 Small Business Owner  
 •  
 Loan Officer  
 •  
 Statistician  
 •  
 Stockholder  
 •  
 Treasurer  
 •  
 Insurance Agent

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Data Area of Focus: Regulation & Protection

### Interests / Skills / Traits Associated with this Pathway

<b>Negotiating:</b> To deal/bargain with another or others	<b>Analyzing:</b> Examining and evaluating data
<b>Persuasive:</b> Able to influence others	<b>Communication:</b> Oral and written
<b>Decisive:</b> Capable of using independent judgment	<b>Courage/Compassion/Integrity</b>
<b>Listening/Problem Solving Skills</b>	<b>Technical Training/Computer skills</b>
<b>Mentoring:</b> Advising/counseling, guiding people	
<b>Serving:</b> Attending to immediate needs of others	

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

Language Arts (4 Credits)  
 Mathematics (4 Credits)  
 -Must include Algebra 2 Equivalent  
 Social Studies (3 Credits)  
 -American History, World History, and American Government  
 Science (3 Credits)  
 -Physical Science and Biology  
 Health (1/2 Credit)  
 Physical Education (1/2 Credit)  
 -May be waived using the PE Waiver, but 1/2 credit must be acquired in another area  
 Service Learning w/ Local Hist & C. Events  
 -Taken 12th grade year  
 Electives (5 Credits)  
 -1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
 -Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.  
 Financial Literacy (1/2 Credit)

#### Recommended Electives

Business/Computer Technology  
 Your Future is Now  
 Microsoft Office & Google Apps  
  
World Language  
 Spanish 1, 2, 3  
 French 1, 2, 3  
  
Science  
 Chemistry  
 Physics  
 Forensic Science  
  
Social Studies  
 Street Law  
 Psychology/Sociology  
  
Physical Education  
 Fitness and Exercise Science

### Career Choices

- Aviation Accident
- 
- Investigator
- 
- Arson Investigator
- 
- Child Protection Worker
- 
- Corrections Officer
- 
- Criminal Law
- 
- Criminal Profiler
- 
- Emergency Management
- 
- Federal/Local Law Enforcement
- 
- Fingerprint Expert
- 
- Forensic Psychologist
- 
- Hostage Negotiator
- 
- Homeland Security
- 
- Military
- 
- Police/Fire

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Data Area of Focus: Communication & Records

### Interests / Skills / Traits Associated with this Pathway

**Computing:** Determining information through the use of mathematical or statistical operations

**Synthesizing:** Combine parts/elements to form a whole

**Creative/Insightful**

**Technical Working Skills**

**Compiling:** Gathering, arranging, or classifying info

**Comparing:** Examining data

**Communication:** Verbal/writing skills

**Consensus Building:** Exchange ideas, info, and opinions with others to arrive at a solution

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

Language Arts (4 Credits)

Mathematics (4 Credits)  
-Must include Algebra 2 Equivalent

Social Studies (3 Credits)  
-American History, World History, and American Government

Science (3 Credits)  
-Physical Science and Biology

Health (1/2 Credit)

Physical Education (1/2 Credit)  
-May be waived using the PE Waiver, but 1/2 credit must be acquired in another area

Service Learning w/ Local Hist & C. Events  
-Taken 12th grade year

Electives (5 Credits)  
-1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
  
-Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.

Financial Literacy (1/2 Credit)

#### Recommended Electives

Business/Computer Technology  
Your Future is Now  
Microsoft Office & Google Apps  
Principles of Business  
Sports & Recreation Business  
Publication and Design

English Language Arts  
CCP Courses Available

World Language  
Spanish 1, 2, 3  
French 1, 2, 3

Social Studies  
AP Psychology  
Sociology

### Career Choices

Office Clerk  
•  
Court Reporter  
•  
Secretary  
•  
Bank Teller  
•  
Budget Analyst  
•  
Accountant  
•  
Business Developer  
•  
Administrative Assistant  
•  
Data Entry Specialist  
•  
Human Resources Assistant  
•  
Controller

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Things

### Area of Focus: Environmental & Related Studies

#### Interests / Skills / Traits Associated with this Pathway

<b>Compiling:</b> Gathering, arranging, or classifying info from various sources into a new form	<b>Comparing:</b> Examining data or things to discover similarities/differences
<b>Problem-solving Skills</b>	<b>Analyzing:</b> Examining and evaluating data
<b>Curiosity/Continuous Learning</b>	<b>Objective Thinking</b>

#### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

##### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

##### Recommended Electives

- World Language
  - Spanish 1, 2, 3
  - French 1, 2, 3
- Social Studies
  - AP Psychology
  - Sociology
- Science
  - Chemistry
  - Physics
  - Anatomy
  - Environmental Science
  - Physical Geology
  - Zoology
  - Botany
- Vocational Agriculture
  - Forest and Woodland Ecosystems
  - Animal and Plant Science
  - Animal Anatomy
  - Livestock Selection
  - Agriculture Food and Natural Resources
  - Agriculture Business Management
- Industrial Technology
  - Technology Options

#### Career Choices

- Conservation Officer
- Ecologist
- Environmental Scientist
- Fish/Wildlife Tech
- Forester
- Geologist
- Meteorologist
- Veterinarian
- Wetlands Expert
- Zookeeper
- Zoologist
- Environmental Lawyer
- Environmental Engineer
- EPA Regulator
- Farmer
- Nursery Manager
- Landscaper

#### Extended Learning Opportunities

##### Career Center Options Available



##### Online Options Available



##### College Credit Plus Options Available





# Learning Pathways

## Working with Things

### Area of Focus: Computer & Information Specialties

#### Interests / Skills / Traits Associated with this Pathway

<b>Synthesizing:</b> Combining parts or elements to form a whole, putting together data analysis to develop concepts or interpretation	<b>Analyzing:</b> Examining and evaluating data
<b>Instructing:</b> Teaching/training through explanation, demonstration and supervised practice	<b>Communication:</b> Oral and written
<b>Decisive:</b> Capable of using independ. judgment	<b>Love of theory</b>
	<b>Value of Knowledge/Competency</b>

#### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

##### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

##### Recommended Electives

- Computer Technology
  - Publication and Design
  - Broadcast Media
  - Website Development & Design
  - Introduction to Engineering Design
  - Introduction to Comp Coding/Programming
  - Intro to Comp Science through Game Design
- Industrial Technology
  - Fundamentals of CAD
  - Introduction to OnShape Design
- English/Language Arts
  - Journalism and E News
  - CCP Courses Available
- World Language
  - Spanish 1, 2, 3
  - French 1, 2, 3
- Mathematics
  - College Review Math
  - Trigonometry/Pre-Calculus
  - Calculus
  - CCP Courses Available

#### Career Choices

- Applications Engineer
- 
- Business/ Computer Science Teacher
- 
- Computer Repair
- 
- Game Programmer
- 
- Help Desk
- 
- Multimedia Producer
- 
- Operating Systems Engineer
- 
- Software Trainer
- 
- Video Game Developer
- 
- Web Designer
- 
- Desktop Publisher
- 
- Systems Analyst
- 
- Actuary

#### Extended Learning Opportunities

##### Career Center Options Available



##### Online Options Available



##### College Credit Plus Options Available



# Learning Pathways

## Working with Things

### Area of Focus: Skilled Trades & Personal Services

#### Interests / Skills / Traits Associated with this Pathway

**Synthesizing:** Combining parts/elements to form a whole

**Coordinating:** Guiding activities to achieve a goal

**Technical Working Skills**

**Problem Solving Capabilities**

**Capable of Working with Hands/Operating Equipm.**

**Coordinating:** Guiding activities to achieve a goal

**Precision Working:** Moving, guiding or placing objects or materials in a precise way

**Manipulating:** Working, moving, guiding, or placing objects or materials

#### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

##### Core Subject Requirements

Language Arts (4 Credits)

Mathematics (4 Credits)

-Must include Algebra 2 Equivalent

Social Studies (3 Credits)

-American History, World History, and American Government

Science (3 Credits)

-Physical Science and Biology

Health (1/2 Credit)

Physical Education (1/2 Credit)

-May be waived using the PE Waiver, but 1/2 credit must be acquired in another area

Service Learning w/ Local Hist & C. Events

-Taken 12th grade year

Electives (5 Credits)

-1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.

-Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.

Financial Literacy (1/2 Credit)

##### Recommended Electives

###### Art

Introduction to Art

Drawing & Painting

Advanced Art

###### Industrial Technology

Numerous Options

###### Agriculture

Numerous Options

###### Science

Chemistry

Physics

###### World Language

Spanish 1, 2, 3

French 1, 2, 3

###### Computers

Your Future is Now

Microsoft Office & Google Apps

#### Career Choices

Carpenter

Electrician

Bricklayer

Cabinetmaker

Chef/Cook

Jeweler

Tool & Die Maker

Machinist

Auto Mechanic

Aircraft Mechanic

Auto Body Repair

Dental Lab Tech

Quality Control Inspector

Heavy Duty Equipment Technician

Marine Technician

#### Extended Learning Opportunities

##### Career Center Options Available



##### Online Options Available



##### College Credit Plus Options Available



# Learning Pathways

## Working with Ideas Area of Focus: Engineering & Technologies

### Interests / Skills / Traits Associated with this Pathway

<b>Computing:</b>	Determining information through use of mathematical/statistical operations	<b>Communication:</b> Verbal/writing skills
<b>Coordinating:</b>	Guiding activities to achieve a goal	<b>Curiosity/Continuous Learning</b>
<b>Analyzing:</b>	Examining and evaluating data	<b>Objective/Creative Thinking</b>
<b>Decisive:</b>	Capable of using independent judgment	<b>Technical Working Skills/Problem Solving</b>

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- Art
  - Introduction to Art
  - Drawing & Painting
  - Advanced Art
- English/Language Arts
  - CCP Courses Available
- World Language
  - Spanish 1, 2, 3
  - French 1, 2, 3
- Mathematics
  - Trigonometry/Pre-Calculus
  - Calculus
  - CCP Courses Available
- Computer Technology
  - Website Development & Design
  - Introduction to Engineering Design
  - Introduction to Comp Coding/Programming
  - Intro to Comp Science through Game Design
- Science
  - Chemistry
  - Physics
- Industrial Technology
  - Numerous Options

### Career Choices

- Aerospace Engineer
- 
- Agricultural Engineer
- 
- Architectural Engineer
- 
- Chemical Engineer
- 
- Civil Engineer
- 
- Electrical Engineer
- 
- Environmental Engineer
- 
- Industrial Engineer
- 
- Mechanical Engineer
- 
- Structural Engineer
- 
- Engineering Technician
- 
- Pilot
- 
- Surveyor

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Ideas Area of Focus: Natural Science & Technology

### Interests / Skills / Traits Associated with this Pathway

<b>Computing:</b> Determining information through use of mathematical or statistical operations	their similarities/differences
<b>Coordinating:</b> Guiding activities to achieve a goal	<b>Problem-solving Skills</b>
<b>Analyzing:</b> Examining and evaluating data	<b>Objective Thinking</b>
<b>Curiosity/Continuous Learning</b>	<b>Technical Working Skills</b>
<b>Comparing:</b> Examining data or things to discover	

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- English/Language Arts  
CCP Courses Available
- World Language  
Spanish 1, 2, 3  
French 1, 2, 3
- Mathematics  
Trigonometry/Pre-Calculus  
Calculus  
CCP Courses Available
- Science  
Anatomy  
Physics  
Zoology & Botany  
Environmental Science
- Computer Technology  
Microsoft Office & Google Apps  
Publication and Design  
Broadcast Media  
Website Development & Design
- Chemistry  
CCP Biology

### Career Choices

- Physicist
- Biologist
- Chemist
- Statistician
- Forester
- Zoologist
- Meteorologist
- Arborist
- Industrial Designer
- Engineer Tech
- Technical Illustrator
- Data Recovery Specialist

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Ideas Area of Focus: Medical & Related

### Interests / Skills / Traits Associated with this Pathway

<b>Analyzing:</b> Examining and evaluating data	<b>Synthesizing:</b> Combine parts/elements to form a whole
<b>Supervising:</b> Determining, explaining procedures for a group of people, assigning duties while maintaining harmonious relationships and promoting efficiency	<b>Coordinating:</b> Guiding activities to achieve a goal, determining sequence of actions to be taken based on analysis of data
	<b>Decisive:</b> Capable of using independent judgment

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

Language Arts (4 Credits)  
 Mathematics (4 Credits)  
 -Must include Algebra 2 Equivalent  
 Social Studies (3 Credits)  
 -American History, World History, and American Government  
 Science (3 Credits)  
 -Physical Science and Biology  
 Health (1/2 Credit)  
 Physical Education (1/2 Credit)  
 -May be waived using the PE Waiver, but 1/2 credit must be acquired in another area  
 Service Learning w/ Local Hist & C. Events  
 -Taken 12th grade year  
 Electives (5 Credits)  
 -1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
 -Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.  
 Financial Literacy (1/2 Credit)

#### Recommended Electives

Computers  
 Publication & Design  
English/Language Arts  
 CCP Courses Available  
World Language  
 Spanish 1, 2, 3  
 French 1, 2, 3  
Mathematics  
 Trigonometry/Pre-Calculus  
 Calculus  
 CCP Courses Available  
Science  
 Anatomy  
 Chemistry  
 Physics  
 Forensic Science  
 CCP Biology  
Social Studies  
 AP Psychology  
 AP World History  
Physical Education  
 Weight Training

### Career Choices

Athletic Trainer  
 •  
 Anesthesiology  
 •  
 Chiropractor  
 •  
 Clinical Lab Scientist  
 •  
 Chemist  
 •  
 Dentist  
 •  
 Dental Hygienist  
 •  
 Forensic Scientist  
 •  
 Occupational Therapist  
 •  
 Optometrist  
 •  
 Pharmacist  
 •  
 Physical Therapist  
 •  
 Physician  
 •  
 Registered Nurse  
 •  
 Registered Dietician  
 •  
 Speech Pathologist

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with Ideas Area of Focus: Arts & Communication

### Interests / Skills / Traits Associated with this Pathway

<b>Creative:</b>	Imaginative, innovative, original	<b>Synthesizing:</b>	Combine parts or elements to form a whole
<b>Consensus Building:</b>	Exchange ideas, info, and opinions with others to arrive at a solution	<b>Comparing:</b>	Examining data, people or things to determine similarities/differences
<b>Communicating:</b>	Work with audio, visual, graphic, or written media	<b>Decisive:</b>	Uses independent judgment

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- Art
  - Introduction to Art
  - Drawing & Painting
  - Advanced Art
- English/Language Arts
  - Journalism & E News
  - CCP Courses Available
- World Language
  - Spanish 1, 2, 3
  - French 1, 2, 3
- Computer Technology
  - Microsoft Office & Google Apps
  - Publication and Design
  - Broadcast Media
  - Website Development & Design
  - Intro to Comp Science through Game Design
- Industrial Technology
  - Numerous Options
- Performing Arts
  - Choir
  - Men's Ensemble
  - Women's Ensemble
  - Instrumental Band
  - Select Choir
  - Music Theory
  - Jazz Band
  - Beginner's Band

### Career Choices

- Advertising
- Art Director
- Film Director
- Graphic Designer
- Web Designer
- Museum Curator
- Photographer
- Video Producer
- Radio/TV Broadcaster
- Actor
- TV Director
- Writer
- Journalist
- Set Designer
- Composer
- Music Director

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available





# Learning Pathways

## Working with Ideas Area of Focus: Social Science

### Interests / Skills / Traits Associated with this Pathway

<b>Synthesizing:</b> Combine parts or elements to form a whole	<b>Problem-solving Skills</b>
<b>Coordinating:</b> Guiding activities to achieve a goal	<b>Ability to Research</b>
<b>Analyzing:</b> Examining and evaluating data	<b>Organization/Time Management</b>
<b>Communication:</b> Verbal/writing skills	

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

Language Arts (4 Credits)  
 Mathematics (4 Credits)  
 -Must include Algebra 2 Equivalent  
 Social Studies (3 Credits)  
 -American History, World History, and American Government  
 Science (3 Credits)  
 -Physical Science and Biology  
 Health (1/2 Credit)  
 Physical Education (1/2 Credit)  
 -May be waived using the PE Waiver, but 1/2 credit must be acquired in another area  
 Service Learning w/ Local Hist & C. Events  
 -Taken 12th grade year  
 Electives (5 Credits)  
 -1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.  
 -Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.  
 Financial Literacy (1/2 Credit)

#### Recommended Electives

English/Language Arts  
 CCP Courses Available  
World Language  
 Spanish 1, 2, 3  
 French 1, 2, 3  
Mathematics  
 Trigonometry/Pre-Calculus  
 Calculus  
 CCP Courses Available  
Social Studies  
 Psychology/Sociology  
 AP World History  
 Economics and Financial Literacy  
 Street Law  
Computers  
 Numerous Options

### Career Choices

Anthropologist  
 •  
 Archeologist  
 •  
 Archivist  
 •  
 Economist  
 •  
 Genealogist  
 •  
 Historian  
 •  
 Museum Curator  
 •  
 Sociologist  
 •  
 Political Scientist  
 •  
 Urban Planner

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with People Area of Focus: Education

### Interests / Skills / Traits Associated with this Pathway

<b>Supervising:</b> Determining, explaining procedures for a group of people, assigning duties while maintaining harmonious relations and promoting efficiency	<b>Communication:</b> Oral and written
<b>Instructing:</b> Training through explanation, demonstration and supervised practice	<b>Helping:</b> Giving assistance or support
	<b>Organization/time management</b>
	<b>Listening</b>
	<b>Problem-solving</b>

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- English/Language Arts  
CCP Courses Available
- World Language  
Spanish 1, 2, 3  
French 1, 2, 3
- Mathematics  
Trigonometry/Pre-Calculus  
Calculus  
CCP Courses Available
- Social Studies  
AP World History
- Computers  
Numerous Options

#### NOTE!

**For Elementary Education:**  
**Focus on being well-rounded in literacy, art, performing arts, & PE**

**For Secondary Education:**  
**Focus on a content area**

### Career Choices

- Administrator
- Childcare Teacher
- Childcare Administrator
- Elementary Teacher
- Middle school Teacher
- High School Teacher
- College Faculty
- Library/Media Specialist
- School Counselor
- Training Manager
- Business Manager

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with People Area of Focus: Healthcare

### Interests / Skills / Traits Associated with this Pathway

<b>Decisive:</b> Capable of using independent judgment	<b>Coordinating:</b> Guiding activities to achieve a goal, determining sequence of actions to be taken based on data
<b>Analyzing:</b> Examining and evaluating data	
<b>Supervising:</b> Determining, explaining procedures for a group of people, assigning duties while maintaining harmonious relations and promoting efficiency	<b>Synthesizing:</b> Combining parts or elements to form a whole, putting together data analysis to develop concepts or interpretation

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- Computers  
Numerous Options
- English/Language Arts  
CCP Courses Available
- World Language  
Spanish 1, 2, 3  
French 1, 2, 3
- Mathematics  
Trigonometry/Pre-Calculus  
Calculus  
CCP Courses Available
- Science  
Anatomy  
Physics  
CCP Biology  
Chemistry  
Genetics  
Forensic Science
- Social Studies  
AP World History
- Physical Education  
Weight Training

### Career Choices

- Clinical Lab Technician
- 
- Dental Assistant
- 
- Dental Technician
- 
- Emergency Medical Technician
- 
- Home Health Aide
- 
- Nurse
- 
- Paramedic
- 
- Pharmacy Technician
- 
- Radiology Technician
- 
- Surgical Technician
- 
- Veterinary Technician

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



# Learning Pathways

## Working with People Area of Focus: Community Services

### Interests / Skills / Traits Associated with this Pathway

<b>Mentoring:</b>	Advising, counseling, and/or guiding people	<b>Objective thinking</b>
<b>Negotiating:</b>	Exchange ideas, info, and opinions with others to arrive at a solution	<b>Organization/time management</b>
<b>Communication:</b>	Oral and written	<b>Listening</b>
<b>Service to others</b>		<b>Problem solving</b>
		<b>Ethics/integrity</b>

### Core Subjects and Recommended Elective Options

*Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.*

#### Core Subject Requirements

- Language Arts (4 Credits)
- Mathematics (4 Credits)
  - Must include Algebra 2 Equivalent
- Social Studies (3 Credits)
  - American History, World History, and American Government
- Science (3 Credits)
  - Physical Science and Biology
- Health (1/2 Credit)
- Physical Education (1/2 Credit)
  - May be waived using the PE Waiver, but 1/2 credit must be acquired in another area
- Service Learning w/ Local Hist & C. Events
  - Taken 12th grade year
- Electives (5 Credits)
  - 1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in grades 7-8.
  - Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.
- Financial Literacy (1/2 Credit)

#### Recommended Electives

- English/Language Arts  
CCP Courses Available
- World Language  
Spanish 1, 2, 3  
French 1, 2, 3
- Mathematics  
Trigonometry/Pre-Calculus  
Calculus  
CCP Courses Available
- Social Studies  
Street Law
- Performing Arts  
Choir  
Men's Ensemble  
Women's Ensemble  
Instrumental Band  
Select Choir  
Music Theory  
Jazz Band  
Beginner's Band
- Computers  
Numerous Options

### Career Choices

- Child Protection Worker
- 
- Clergy
- 
- Social Worker
- 
- Psychologist
- 
- Counselor
- 
- Substance Abuse Services
- 
- Life Coach
- 
- Probation Officer
- 
- Sociologist
- 
- Lawyer
- 
- Paralegal
- 
- Art/Music/Drama Therapy

### Extended Learning Opportunities

#### Career Center Options Available



#### Online Options Available



#### College Credit Plus Options Available



## Scheduling Guidelines

### Importance of Planning in Scheduling

Planning a schedule for the next school year is a difficult task and situations may occur requiring a change in that schedule. Changes have a serious effect on class size, teacher assignments, and the overall master schedule. Our schedule is constructed and faculty hired based on the number of student course requests. Therefore, this policy is created to give students, parents, and faculty in our school an opportunity to make timely, efficient, and intelligent decisions about students adding and dropping classes. The student and parent are urged NOT to plan a program with the idea that it can be changed.

### Course Change Policy

**Schedule Change Request Form-** Before any non-error change will be considered; students will need to pick up a course change request form, obtain the required signatures, and return to the guidance office before the deadlines below. (*Handwritten notes will not be accepted*)

**Time Period for Changes-** Student and/or parent-initiated schedule changes will be permitted only during the following time periods:

- Prior to the start of school or 2<sup>nd</sup> semester for 2<sup>nd</sup> semester only classes
- Within the first 10 days of the start of school for all classes
- Within the first 5 days of the 2<sup>nd</sup> semester for 2<sup>nd</sup> semester only classes

**Final approval of changes is contingent upon the following:**

- The proposed change does not jeopardize graduation
- The proposed change doesn't negatively affect post-secondary plans
- The change requested is logistically possible

**Changes will not be permitted to:**

- Change teachers
- Change lunch periods (unless supported by medical documentation)
- Change to more convenient and/or desirable periods
- Group friends together in the same class

**Students must attend their original course until process is complete and counselor has given student a new schedule.**

**Administrative Changes-** Changes in a student's placement based on academic concerns that are recommended by administrators, teachers, and/or counselors may occur throughout the school year pending administrative or departmental approval.

### Withdrawal Policy

-If a student would like to drop a class **AFTER** the add/drop deadline, they will receive an "I" (**Incomplete**) grade for the class. The Incomplete will be reflected on the student's academic record and transcript which counts as a failing grade for GPA purposes.

-Students must still fill out a course change request form, and obtain all required signatures.  
-Exceptions to this policy will be determined by administration only.

## Grade Level Promotion

All students must carry at least 5 or more units of credit per year. In most cases it is desirable for a student to carry at least 6 units of credit.

Freshman/Ninth Grade	—	Promotion from 8th grade
Sophomore/Tenth Grade	—	5.00 Credits
Junior/Eleventh Grade	—	10.00 Credits
Senior/Twelfth Grade	—	15.00 Credits
Graduation	—	20.00 Credits

## Athletic Eligibility

If you are an athlete, you must be signed up for and pass at least 5 (five) full credit classes. This includes the nine weeks before the sport begins & nine week periods that end during your sport.

**It is recommended students take at least 6 full credit classes.**

If you are unsure about your eligibility, please talk to your coach, the athletic department, or your school counselor.

## Harrison Central Regular Grading Scale

Grade	Point Value	Starting %	Ending %	Starting Point	Ending Point	Semester Test Point Value
A	4	95	100	3.71	4.0	2
A-	3.7	90	94.99	3.51	3.709	1.85
B+	3.4	87	89.99	3.30	3.509	1.70
B	3.0	83	86.99	2.71	3.299	1.5
B-	2.7	80	82.99	2.51	2.709	1.35
C+	2.4	77	79.99	2.30	2.509	1.20
C	2.0	73	76.99	1.71	2.299	1
C-	1.7	70	72.99	1.51	1.709	0.85
D+	1.4	67	69.99	1.30	1.509	0.70
D	1.0	63	66.99	0.71	1.299	0.5
D-	0.7	60	62.99	0.70	0.709	0.35
F	0	0	59.99	0	0	0

Students must have a D- average to pass for the year. On a ten point scale, this is a 60%.

Weighted Grading Scale that accompanies certain scholars/AP/CCP classes is listed on page 38

## Senior Release

12th Grade students have the option to be released from school one period early. Senior Release is a privilege that has to be earned by meeting the criteria listed below. Students who apply and meet the criteria will be granted release with the understanding that they will continue to uphold the regulations listed.

Applications should be turned in during the online scheduling process.

-----  
Name of Student \_\_\_\_\_ Date \_\_\_\_\_

I am applying for the Senior Release Program. To receive this release I must qualify for the program and adhere to its regulations.

1. I am a senior with at least 17 credits.
2. I have completed state testing requirements for graduation.
3. I have not received a failing grade in any course during my 11th grade year. Failure of a class during any grading period during my senior year will result in the loss of the privilege.
4. I will not be suspended (in or out of school) during my senior year. Suspension during my senior year will result in loss of the privilege.
5. Being absent more than 5 days during any grading period during my senior year will result in loss of the privilege.
6. I will not be tardy to homeroom, school or classes more than 3 times during any grading period during my senior year or I will lose the privilege.
7. I have transportation that will enable me to leave school upon dismissal. Loitering in the building will result in loss of the privilege. I take responsibility for signing out in the office daily.
8. My schedule will not be changed to accommodate Senior Release. If I am scheduled for a class during the last period of the day, I must remain in that class.

Qualifying students will be excused from the last period of the school day only.

Senior Release is a privilege, not a right. As a result, I understand the qualifications and regulations and agree to abide by them.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

As the parent or legal guardian, I agree to the criteria for the Senior Release Program and I grant permission for my child to participate. I further agree to hold harmless and release Harrison Hills City School District of any and all liability as a result of my child leaving school.

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_



### Credit Flexibility

#### **What is Credit Flexibility?**

In 2006, the Ohio General Assembly established the Ohio Core Curriculum (Senate Bill 311), which required the State Board of Education to develop a statewide plan for implementing alternative methods for students to earn high school credit based on the demonstration of competency and mastery. Flexibility has been provided to students and educators to meet these expectations. Credit Flexibility focuses on the students individual strengths.

#### **The Overall Picture**

Students are awarded credit through credit flexibility based on competence & mastery. The Harrison Central High School Credit Flexibility plan focuses on accelerating student learning & acknowledges & supports students' readiness for learning.

#### **Why Credit Flexibility?**

Ohio schools have been operating under Carnegie Units. The Carnegie Unit requires students to spend "seat time" in a particular subject to equal one high school credit. Ohio's credit flexibility plan shifts the focus from "seat time" to performance.

#### **What can Credit Flexibility do for you?**

- More choice and autonomy in deciding how, when and where students learn.
- Acknowledges and can focus on students' individual learning styles, interests and strengths.
- Offers a learning environment & opportunities not found in the traditional classroom model.
- Provides options for personal suited pathways to post-secondary, personal & career goals.
- Students may demonstrate mastery by testing out of classes, performance, distance learning, independent study.

#### **Who is Eligible for Credit Flexibility?** Any student entering grades 8-12 who:

- Meets the established course pre-requisites
- Demonstrates competency in the content area he/she wishes to pursue
- Possesses/demonstrates the skills or knowledge to work independently
- Completes learning activities (plans) on time and can research independently

#### **Pre-Approved Courses**

Pre-approved credit flexibility courses at HCHS are offered through the Ohio Virtual Learning Academy.

#### **Student Proposals**

Students who choose a non preapproved course must submit a course proposal in writing to the Building Principal for review. Details for student course proposals are available in the guidance office.

#### **Submission Dates**

Pre-approved course request need to be made no later than May 15th. Student proposal application is due by May 1st with notification of review by the Credit Flexibility Panel by May 30th.

## Extended Learning Opportunities



Ohio's College Credit Plus can help you earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is free. That means no cost for tuition, books or fees. If you choose to attend a private college or university, you may have limited costs.

Our school currently has an agreement with a Belmont College for specific courses to be offered in the high school. Statistics, College Algebra, Intro to Biology I & II, Intro to Anatomy I & II, Composition I & II, Experiencing Literature, Speech, Western Civilization I, and Western Civilization II are being offered at the high school. You can also choose to take College Credit Plus courses from any local college that offers a course that would benefit your future. This could include online courses. All local colleges (Belmont College, Eastern Gateway Community College, Ohio University Eastern, and Kent State Tuscarawas) are available choices for attendance.

If interested, please explore the Frequently Asked Questions on the next pages and:

-Talk with your school counselor. Discuss your interest in taking college courses and how it fits in with your overall academic plan and career goals.

-Prior to **March 1**, our district will provide information about the College Credit Plus program to all students in grades 7-12. An informational session will be held and all colleges and universities within a 30-mile radius will be invited to attend before **March 30**. If you cannot attend, schedule an appointment with your school counselor.

-By **April 1**, notify your school counselor if you intend to participate in College Credit Plus next year. After April 1, you will need permission from the school district superintendent to participate.

-You and your family should contact colleges for information, application forms, and criteria for acceptance into College Credit Plus. Some materials are available from your high school counselor and at the college's website. You must go through the procedures established by the colleges/universities to apply to College Credit Plus and to enroll in the course(s). In addition you may have to take a college placement test to make sure you are college-ready.

-Prior to college class attendance, your high school counselor will assist you in determining a course's equivalency to a high school course(s).

**BE SURE TO PAY ATTENTION TO DEADLINES ASSOCIATED, AND COMPLETE ALL NECESSARY ACTIONS IN A TIMELY MANNER.**

### **Local Colleges:**

Belmont College <http://www.belmontcollege.edu/prospective-students/admissions/ccp/>

Eastern Gateway Community College <http://www.egcc.edu/>

Ohio University Eastern <http://www.ohio.edu/dualenrollment/collegecreditplus/resources/eastern.cfm>

Kent State Tuscarawas <http://www.kent.edu/ccp>



## FAQ's

### **What is College Credit Plus?**

Ohio's new College Credit Plus can help you earn college and high school credits at the same time by taking college courses from colleges and/or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a College Credit Plus course from a public college is free, which means no cost for tuition, books, or fees. College Credit Plus replaces Ohio's PSEO and dual enrollment programs.

### **Who can Participate?**

If you are a student in grades 7-12 you can apply for College Credit Plus admission to a public or participating private college. The college will admit you based on your college-readiness in one or more subject areas. Your school counselor can help you understand your options, deadlines, and how to proceed. You may not participate in the College Credit Plus program beyond your anticipated high school graduation date.

### **How can College Credit Plus Benefit You?**

College Credit Plus provides more options for you to pursue rigorous academic coursework beyond the high school classroom. Under College Credit Plus, you can complete your freshman year of college or more, or explore college content that interests you. Earning college credits while you're in high school can reduce your time and costs of attending college after high school.

### **Does College Credit Plus Differ from the Previous PSEO Program?**

College Credit Plus is a student-directed program. Students and their families can explore courses offered at all Ohio public colleges and participating private colleges for possible participation in College Credit Plus. Unlike PSEO, College Credit Plus is open to students beginning in the seventh grade and districts are not permitted to restrict an otherwise qualified student's participation in any way.

### **How do College Courses Earn me High School Credit?**

College Credit Plus allows high school students to earn college credit and apply that credit toward their high school graduation requirements. Successful completion of a three or more credit-hour college course will result in 1.0 Carnegie unit earned at the high school. A two credit-hour college course will earn students 2/3 of a high school credit and a one credit-hour college course will convert to 1/3 of a high school credit.

### **How are High School Graduation Requirements Affected?**

High school graduation requirements will not be waived as a result of participation in College Credit Plus. You will not receive a diploma until after the course is successfully completed and the graduation requirement is met. However, you may participate in the graduation ceremony if proof is presented that you are progressing satisfactorily one week prior to graduation.

Note: College Credit Plus does not replace the requirements to earn a high school diploma. This includes earning 18 points or more on the graduation tests. Even if you are enrolled in college courses, you must take the end-of-course exams in English I, English II, Algebra I, and Geometry. You do not have to take the end-of-course exams in Physical Science/Biology, American Government, and American History if you are enrolled in College Credit Plus courses that substitute. A CCP student's end-of-course grades will correspond with a point scale used for graduation testing requirements.

### **Where can I Take College Classes?**

Some college courses under College Credit Plus may be offered at your high school. You may also travel to the college where you have been admitted or enroll in one or more online courses offered by that college.

### **What Courses are Available through College Credit Plus?**

Once you are admitted to a college for College Credit Plus, you may take any course in the college's course catalogue that is not remedial or religious, and that applies toward a degree or professional certificate, in a subject area in which you are college-ready.



## FAQ's

### **My High School has a Formal Arrangement with a Local College to offer College Credit Plus. Are Those the Only Courses I can Take?**

No. After you are admitted to a college, you can take any courses offered by that college that you are college-ready to take. Also, each Ohio high school has developed two sample pathways – one leading to 15 credits and another to 30 credits. These should be included in your high school's course offerings. However, students have no obligation to take courses identified on a pathway or to complete a pathway. Students can take courses offered in person or online by any public or participating private college in Ohio.

### **Will College Credit Plus Grades Appear on my High School Transcript?**

Yes. High school credit awarded for courses successfully completed under College Credit Plus will satisfy or exceed the graduation requirements and subject area requirements of the school district. Courses successfully completed under College Credit Plus must be listed by course title on the high school transcript. All College Credit Plus courses will be computed into the GPA using the same scale as Advanced Placement and International Baccalaureate courses in your district.

### **How does College Credit Plus Impact Athletic Eligibility?**

If you are a student athlete, you must remain eligible in accordance with the Ohio High School Athletic Association (OHSAA) bylaws. To be athletically eligible, students must be passing five, one credit courses or the equivalent per grading period with the high school and college courses combined. Most College Credit Plus courses taken during a semester will equal one Carnegie unit, allowing students to earn more than the required five for athletic eligibility. Please check with your counselor to ensure that the course work you are taking is compliant the OHSAA.

### **What are my Academic and Social Responsibilities?**

You will be expected to follow the rules and regulations set by the college/university. You will also be expected to follow the rules and regulations set for high school students detailed in the student handbook. Once enrolled, you are eligible to receive advising from campus-based support services of that institution. Additionally, you will continue to have access to your school counselor and all other resources available to high school students. Participation in College Credit Plus does not guarantee you admission to college after high school. You should follow the regular undergraduate application process for whatever college you plan to attend after high school.

### **Who pays for College Admission, Textbooks, Fees, and Transportation?**

Students attending a public college will not be charged for tuition, books, or fees. Students attending a private college may be charged based on the particular private college and where the course is delivered, in accordance with law. Responsibility for transportation rests with the student. Students who qualify for the free and reduced lunch program may not have to pay any fees to a private college. Please talk with your counselor for details.

### **What if I Fail a Class?**

Classes failed or withdrawn with an "F" will receive an "F" on the high school and college transcripts and will be computed into the high school and college GPA. If you do not receive a passing grade, the district may, in some instances, seek reimbursement for the amount of state funds paid to the college on your behalf for that college course. The school district may withhold grades and credits received for high school courses taken until reimbursement has been made.

### **Does College Credit Transfer after Graduation?**

Thanks to Ohio's Transfer to Degree Guarantee, many entry-level courses earned at an Ohio public college are guaranteed to transfer to any other Ohio public college. Credits earned at private colleges, or those that you want to transfer to an out-of-state institution, will be evaluated on a case-by-case basis by the institution you are seeking to attend. Go to <https://transfercredit.ohio.gov> to learn more about credit transfer among the state's public institutions of higher education. This tool allows you to find the best pathways to degree completion and launch successful careers! Earning college credit will not affect applications for financial aid/scholarships limited to entering freshmen.

## Extended Learning Opportunities

### Harrison Central Scholars/AP/CCP Classes (Grades 10-12)

- Purpose:** The Harrison Central Scholars/AP/CCP classes are designed to provide extension and rigor that goes beyond the core curriculum for students who meet high academic standards and desire to excel academically. Included in the program is the opportunity to learn at a college level and the potential to earn college credit through advanced placement (AP) courses. The Scholars/AP/CCP courses are open to any student who meets the established criteria; however, the demand and rigor of these courses will be high.
- Criteria for Entry:** To enroll in an Scholars/AP class, they may not have lower than a 3.0 GPA in the subject area and meet all pre-requisite course criteria. Students choose Scholars/AP classes based on individual strengths.
- Withdrawing:** Students wishing to withdraw from a Scholars/AP class may do so with parental permission during the initial schedule change period at the beginning of the school year. Following that period, students will follow the regular withdrawal policy.
- Grading Criteria:** Harrison Central Jr./Sr. High School has implemented a weighted grading scale for board approved 10th-12th grade Scholars/AP classes. The weighted grading scale and corresponding courses are listed below. Only courses identified as Scholars/AP (\*) and comparative College Credit Plus Classes are weighted.

### Harrison Central Scholars/AP/CCP Weighted Grading Scale

Grade	Point Value	All Other Classes	Starting Percentage	Ending Percentage	Starting Point	Ending Point	Semester Test Grade
A	5	4	95	100	4.71	5	2.5
A-	4.7	3.7	90	94.99	4.51	4.708	2.35
B+	4.4	3.4	87	89.99	4.3	4.509	2.2
B	4	3	83	86.99	3.71	4.299	2
B-	3.7	2.7	80	82.99	3.51	3.709	1.85
C+	3.4	2.4	77	79.99	3.3	3.509	1.7
C	3	2	73	76.99	2.71	3.299	1.5
C-	2.7	1.7	70	72.99	2.51	2.709	1.35
D+	2.4	1.4	67	69.99	2.3	2.509	1.2
D	2	1	63	66.99	1.71	2.299	1
D-	1.7	0.7	60	62.99	1.7	1.709	0.85
F	0	0	0	59.99	0	1.699	0

### Harrison Central Scholars/AP/CCP Weighted Classes

2022-2023

Scholars English 10	Scholars Biology	Scholars Algebra 2	Scholars American Gov't
Scholars Physics	Scholars Chemistry	Scholars Trig/Pre-Calc	Scholars Calculus
CCP Bio I/II	CCP Anat I/II	CCP Stats/Alg	CCP West. Civ. I & II
CCP Comp/Exp Lit	CCP Comp II/Speech		

ALL SIMILAR COLLEGE CREDIT PLUS CLASSES ARE ALSO WEIGHTED, INCLUDING THOSE OFFERED IN-HOUSE.

## Junior High (7th GRADE) Scheduling Information

### **REQUIRED COURSES**

**Language Arts Writing 7-** Class will cover all 7th grade ELA Writing Standards

**Language Arts Reading 7-** Class will cover all 7th grade ELA Reading Standards

**Math 7-** Class will cover all 7th grade Math Standards

**Science 7-** Class will cover all 7th grade Science Standards

**Social Studies 7-** Class will cover all 7th grade Social Studies Standards

**Math & Science Enrichment-** Semester class to assist and enrich all students in areas of math and science.

### **ELECTIVE SEMESTER COURSE**

*(STUDENTS WILL CHOOSE **ONE** OF THE FOLLOWING)*

**Where in the World is Harrison Central 7-** Project based class that will explore regions of our community, state, country, and world

**Fun with Writing 7-** This class will focus on creative or expressive writing. Students will have the opportunity to explore and write about different types of poetry, news stories, responding to literature, art, quotes, and music.

**Choir 7-** The repertoire will include music from classical, standard, and modern choral literature performed in two, three, or four-party harmony. The chorus presents public concerts each year.

### **ELECTIVE SEMESTER COURSES**

*(STUDENTS WILL CHOOSE **TWO** OF THE FOLLOWING)*

**Art 7-** Class will introduce students to world of visual art by studying basic elements and principals of design through media exploration, art history, and art appreciation exercises, self assessment, and utilizing a variety of media.

**Agriculture 7-** Class will begin an introduction of agriculture related studies, As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, and other topics.

**Exploring Technology & Lego Simple Machines 7-** Class will introduce basic components and knowledge in the design, development, and use of systems to manage and control devices. Students will also develop basic and necessary technology skills.

**Digital Citizenship 7-** Students explore ways to become good digital citizens in today's world. Through the course, students are introduced to the primary elements of digital citizenship: Digital Literacy, Digital Access, Digital Rights and Responsibilities, and Digital Safety.

**Intro to Spanish 7-** Introduces students to the four basic elements of a foreign language including listening, speaking, reading, and writing. Students will learn general vocabulary, correct pronunciations, and basic grammatical structures.

**Physical Education 7-** Class will develop individual needs in the areas of health, neuromuscular skills, attitudes, and proper social conduct. Activities include; team sports, lifetime sports, fitness, and aerobic and individual and dual games.

**Athletic Weight Training 7-** Class for student athletes who compete for school teams. Students will follow an individual strength program to benefit their needs. (May be repeated)

**Band 7-** Class will begin/continue the learning of instrumental band, with the objective being full participation in the high school band the following year. (Full year course)

## Junior High (8th GRADE) Scheduling Information

\*\*\*\*\*  
\* All for credit classes that 8th grade students take will count on the student's high school academic record. \*  
\* 8th Grade students taking for credit HS classes have the opportunity to repeat the class once in high school to improve their grade. \*  
\*\*\*\*\*

### **REQUIRED COURSES**

**Language Arts Writing 8-** Class will cover all 8th grade ELA Writing Standards

**Language Arts Reading 8-** Class will cover all 8th grade ELA Reading Standards

**Math 8-** Class will cover all 8th grade Math Standards

or

**Algebra 1 (HS credit)-**This course is designed to provide a solid foundation for all future work in mathematics. The major emphasis is placed on the meaning of mathematical structures. A strong background in fractions, decimals, and variable and logical reasoning is essential. Limited to students deemed ready through 7th grade state test results.

**Science 8-** Class will cover all 8th grade Science Standards

**Social Studies 8-** Class will cover all 8th grade Social Studies Standards

**Math & Science Enrichment-** Semester class to assist and enrich all students in areas of math and science.

### **ELECTIVE SEMESTER COURSE**

*(STUDENTS WILL CHOOSE **ONE** OF THE FOLLOWING)*

**Recent History 8-** Students will study and investigate the more recent historical topics from the 1980's to today. Class will be project based in nature.

**Journalism & Writing 8-** Students will focus on reading comprehension, research models, identifying and using appropriate and reliable sources, and developing varying writing styles.

**Choir 8-** The repertoire will include music from classical, standard, and modern choral literature performed in two, three, or four-party harmony. The chorus presents public concerts each year.

### **HIGH SCHOOL CREDIT ELECTIVE FULL YEAR COURSES** *(STUDENTS WILL CHOOSE **ONE** OF THE FOLLOWING)*

**Introduction to Art-** (HS Credit Class) Please refer to high school course description.

**Instrumental Marching Band-** (HS Credit Class) Please refer to high school description.

**Foundations of Technology-** (HS Credit Class) Please refer to high school course description.

**Agriculture, Food, & Natural Resources-** (HS Credit Class) Please refer to high school course description.

**Physical Education-** (HS Credit Class) Please refer to high school description.

**Athletic Weight Training-** (HS Credit Class) Please refer to high school description.

**Introduction to Digital Graphics-** (HS Credit Class) Please refer to high school course description.

**Spanish 1-** (HS Credit Class) Please refer to high school description.



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## College Planning

The following is the **minimum** college preparatory curriculum recommended by the Council of Admissions Officers of the State-Assisted four-year Universities in Ohio as part of their unconditional admission requirements. **Students are strongly encouraged, and in many cases may be required, to exceed the minimum.** Curriculum requirements vary by institution (in state, out of state, public, private, etc.) Some programs may require more extensive preparation in specific areas. **Refer to the guidelines of the university of your choice.**

Subject	Credit	Notes
English	4	
Math	4	Alg. 1, Geometry, Algebra 2
Science	3	2 lab sciences
Social Studies	3	
World Language	2-3	In one World Language
Visual & Performing Arts	1	This includes all courses in Art and the Music Department.

### Suggested Program Areas College Preparation/Academic Curriculum

Please note: the following grade level charts are only suggestions. For information about which courses/curriculum you should pursue, contact your school's guidance department.

9th Grade	Credit
English 9	1
Algebra 1/CP Geometry	1
Physical Science	1
American History	1
World Language	1
Health	1/2
Elective	1*
Elective	1*

10th Grade	Credit
English 10/Pre-AP English 10	1
Geometry/Scholars Algebra 2	1
Biology/Scholars Biology	1
World History/CCP Western Civilization I & II	1
World Language	1
Physical Education**	1/2
Financial Literacy	1/2
Elective	1*

11th Grade	Credit
English 11/CCP English	1
Algebra 2/Scholars Trigonometry & Pre-Calc	1
Elective Science/Chemistry/CCP Science	1
American Govt../Scholars American Govt.	1
World Language	1
Elective	1*
Elective	1*

12th Grade	Credit
English 12/CCP English	1
College Review Math/Scholars Calculus/CCP Math	1
Chemistry/Scholars Physics/CCP Science	1
Service Learning w/ Local Hist & C. Events	1
Elective	1*
Elective	1*
Elective	1*

\*Elective should include one credit in the Arts, as well as courses in Computer Science, Social Studies, Science, and/or English.

\*\*Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading.

## College Planning

**College bound students should pursue the most challenging/rigorous curriculum that they are capable of pursuing.**

Universities with more selective admissions prefer/may require and give preference to students who pursue the most challenging curriculum available. Strength of curriculum, along with class rank, GPA, test scores, school and community activities, special talents, etc., are factors which are part of the admission process.

**In many cases, strength of curriculum including senior year, may prove to be a deciding factor.** Many schools ask the counselor to rate the strength of the student's curriculum.

## SchoolLinks

SchoolLinks is a modern, college and career readiness platform to prepare students for what comes after graduation. SchoolLinks helps students discover their interests and strengths, explore colleges and careers, and create a personal graduation plan that best reflects their post-secondary goals.

All of the SchoolLinks features are designed with students in mind to help them become career, college, and life ready. SchoolLinks features are incredibly user-friendly and content can be easily comprehended by high school students.

**Using SchoolLinks, high school students and parents can:**

- |  |  |
|--|--|
| -Access career interest, strength and mindset surveys    | -Build their Ohio Graduation Plan          |
| -Explore 2-year and 4-year colleges                      | -Review their Ohio Graduation Plan         |
| -Create course plans based on career pathways            | -Take virtual reality college campus tours |
| -Search for scholarships                                 | -Learn about financial aid                 |
| -Find internship and volunteer opportunities             | -Communicate with counselors               |
| -Explore traditional, emerging, & military career fields | -Create digital portfolios / resumes       |

**Using SchoolLinks, 12th graders will be able to:**

- Track college applications and request transcripts (links with CommonApp)
- Request Letters of Recommendation

**Student Login:**

Students will log in to SchoolLinks via Clever. They will then select the SchoolLinks logo to be directed straight to the SchoolLinks platform!

Please stop by or call your counselor if you have any questions or concerns.



## College Admissions Testing

### **PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)**

The PSAT/NMSQT, a preliminary version of the college entrance examination Scholastic Aptitude Test (SAT), is primarily designed for college bound juniors. Students who plan to go to college are urged to take this test, for it attempts to measure the academic skills necessary for success in college.

The PSAT is one of the first steps in the college entrance testing process and serves as an excellent preparation for other college entrance examinations. In addition, it is the mandatory qualifying test for juniors who wish to participate in scholarship programs and honors administered by the National Merit Scholarship Corporation (NMSC).

The test is administered each year in mid-October on a Wednesday. A nominal fee is charged to Juniors to cover the cost of the test and its administration. Students may register through the guidance office in September/early October.

### **ACT (American College Testing Program)**

Many colleges require one or more of these examinations for admission. Admissions test requirements are determined by individual colleges. The ACT is used by many colleges for admission. It consists of five tests: English, mathematics, reading, science reasoning, and an optional essay writing. The writing section of the ACT **may** be required by colleges. Refer to the school's requirements. The individual test items in all areas are designed to measure ability to perform the kind of complex intellectual tasks that college students typically have to perform. Calculators are permitted.

These examinations are given in September, October, December, February, April and June. **College bound Juniors should consider taking the ACT in the winter or spring of their junior year.**

For further information and to register online, go to: [www.ACTstudent.org](http://www.ACTstudent.org)

### **SAT Reasoning (Scholastic Assessment Test)**

Many colleges require one or more of these examinations for admission. Admissions test requirements are determined by individual colleges.

The SAT Reasoning consists of critical reading, mathematics, and writing sections. The critical reading section is designed to measure the candidate's ability to read with understanding and discrimination, his/her comprehension of words, and his/her skill in dealing with word and thought relationships. The mathematics section is designed to measure aptitude for handling quantitative concepts rather than achievement in math. Calculators are permitted. The writing skills section asks students to identify sentence errors, improve sentences, improve paragraphs, and write an essay.

The SAT Reasoning is offered in October, November, December, January, March, May and June. **Juniors who wish to take the SAT Reasoning should take it in winter or spring.** For further information and to register online, go to [www.SAT.collegeboard.com](http://www.SAT.collegeboard.com)

**School Code: Harrison Central — 360685**

## College Planning

### District Post-Secondary Counseling Services

Students and their families are encouraged to use the post-secondary counseling services available through the guidance office. Guidance is available in college planning, the college application process, financial aid, CCP options, and scholarship searches. **In addition, all seniors are reminded to attend the FAFSA Completion Night in October and the Local Scholarship Night in early February.**

### College Representative Sessions

Representatives from various colleges and universities visit the high school during the school day to share information with prospective students. These visits are scheduled during the high school lunch periods. Students should take advantage of the time during lunch to visit with these individuals and learn about the various options available to them.

### College Campus Visits

Seniors and juniors are permitted up to three excused absences to visit a college/university. Students are reminded to schedule the visit ahead of time and turn in proof of attendance upon their return.

Sophomores and freshmen must have prior approval from the counselor to take a school recognized college visit.

### Transcripts

Requests for transcripts of high school grades are made through the guidance office or online through Parchment (a link is available on the high school website under the guidance tab on the right hand side) as part of the Ohio E-Transcript Initiative. As a general rule, official transcripts will be released and mailed to colleges/universities/scholarships/agencies by the guidance office. Students are encouraged to use electronic transcript services as much as possible. This method saves time and provides an accurate tracking system. Please allow at least ten school days for processing of transcripts and application packet/secondary school reports.

Note: A parent must sign release forms, if the student is under 18.



# College Planning

## NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



### NCAA Division I Initial-Eligibility Requirements

#### Core Courses: (16)

- **Initial full-time collegiate enrollment before August 1, 2016:**
  - Sixteen (16) core courses are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
  - Sixteen (16) core courses are required (see chart below for subject-area requirements).
    - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
      - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point 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 below).

#### Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
  - **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](http://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 No. 2).
  - 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 No. 2).
  - 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 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 No. 2).
- 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 No. 2).
- Graduate from high school.

# College Planning

Sliding Scale A Use for Division I prior to August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B Use for Division I beginning August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

For more information, visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) or [www.2point3.org](http://www.2point3.org).



# College Planning

## NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



### Division II Initial-Eligibility Requirements

#### Core Courses

- **Division II currently requires 16 core courses.** See the 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

- **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 is shown on Page No. 2 of this sheet.
- 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.**

#### 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](http://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 No. 2 of this sheet).
- 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 No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

#### **DIVISION II 16 Core Courses**

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

# College Planning

<b>DIVISION II COMPETITION SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
<b>Core GPA</b>	<b>SAT</b>	<b>ACT Sum</b>
<i>Verbal and Math ONLY</i>		
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

<b>DIVISION II PARTIAL QUALIFIER SLIDING SCALE</b>		
<i>Use for Division II beginning August 1, 2018</i>		
<b>Core GPA</b>	<b>SAT</b>	<b>ACT Sum</b>
<i>Verbal and Math ONLY</i>		
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

For more information, visit the NCAA Eligibility Center website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

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# Mathematics

**Students must earn four (4) credits in mathematics (Including Algebra II or equivalent)**

	Regular HS Math Sequence	Accelerated HS Math Sequence
8th Grade		Algebra 1
9th Grade	Algebra 1	CP Geometry
10th Grade	Geometry	Scholars Algebra 2
11th Grade	Algebra 2	Scholars Trigonometry & Pre-Calc.
12th Grade	College Review Math or Data Science & Consumer Math, PBL Financial Math	Scholars Calculus or CCP Statistics and CCP College Algebra

Course #	Title	Credit	Term	Prerequisite/Notations
701	Algebra 1 Extension	1.00	Semester	
702	Algebra 1	1.00	Full Year	
703	Geometry	1.00	Full Year	Algebra 1
713	CP Geometry	1.00	Full Year	"B" or better in Algebra 1 (9th & 10th Graders)
704	Algebra 2	1.00	Full Year	Geometry or CP Geometry
714	<b>**Scholars Algebra 2**</b>	1.00	Full Year	CP Geometry (Must have 3.0 GPA in the Subject Area)
705	<b>**Scholars Trigonometry &amp; Pre-Calculus**</b>	1.00	Full Year	Scholars Algebra 2 or Algebra 2 (Must have 3.0 GPA in the Subject Area)
706	College Review Math	1.00	Full Year	Algebra 2
716	Data Science & Consumer Math	1.00	Full Year	Algebra 2
707	<b>**Scholars Calculus**</b>	1.00	Full Year	Trigonometry & Pre-Calculus (Must have 3.0 GPA in the Subject Area)
720	PBL Financial Math	1.00	Full Year	Algebra 1
750	<b>**Belmont College MAT1120** (Statistics)</b>	1.00	Semester	College Credit Plus Acceptance and Required Placement Score
751	<b>**Belmont College MAT 1130** (College Algebra)</b>	1.00	Semester	College Credit Plus Acceptance and Required Placement Score

**ONLINE MATH COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## Mathematics Course Descriptions

### **701 Algebra 1 Extension**

**Full Year Course/One Credit**

This course is designed to be a supplement to the Algebra 1 curriculum. It is taken in addition to Algebra 1 to help those who need additional math assistance. Course is assigned to students based on previous assessment results and course marks.

### **702 Algebra 1**

**Full Year Course/One Credit**

This course is designed to provide a solid foundation for all future work in mathematics. The major emphasis is placed on the meaning of mathematical structures. A strong background in fractions, decimals, and variable and logical reasoning is essential.

### **703 Geometry**

**Full Year Course/One Credit**

This course is designed to emphasize applications of geometric properties and the development of formal deductive proofs. There is a continual review of algebra as it relates to the applications of geometry.

### **713 CP Geometry**

**Full Year Course/One Credit**

This more demanding college prep level course is designed to emphasize applications of geometric properties and the development of formal deductive proofs. There is a continual review of algebra as it relates to the applications of geometry.

### **704 Algebra 2**

**Full Year Course/One Credit**

This course is designed to expand the foundational facts, concepts and skills of Algebra 1. It also introduces concepts in conic sections, exponential and logarithmic functions, sequences, series, and trigonometry.

### **714 \*\*\*Scholars Algebra 2\*\*\***

**Full Year Course/One Credit**

This is an advanced courses. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. This more demanding college prep level course is designed to expand the foundational facts, concepts and skills of Algebra 1. It also introduces concepts in conic sections, exponential and logarithmic functions, sequences, series, and trigonometry.

### **705 \*\*\*Scholars Trigonometry & Pre-Calculus\*\*\***

**Full Year Course/One Credit**

This is an advanced courses. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. This course is designed to cover trigonometric functions in degrees, circular function, solving triangles, vectors, graphing functions using graphing calculators, and emphasizes real-world application. The course also covers the analysis topics of matrices, multivariable systems, parametric equations, polar coordinates, and infinite series.

## Mathematics Course Descriptions

### **706 College Review Math 12**

**Full Year Course/One Credit**

This course continues the study of functions from Algebra II, focusing on an increased understanding of the properties and attributes of functions. Geometric properties of functions, such as symmetry and transformations, along with technology will be incorporated. Students will use various functions to solve real-life problem situations.

### **716 Data Science and Consumer Math**

**Full Year Course/One Credit**

This course continues the study of functions from Algebra II with a focus on acquiring foundational knowledge in data science and analysis. The course includes statistics and computer science methods of analysis and interpretation of data. Students will use various functions to solve real-life problem situations. Class focuses on using math functions in everyday use as a consumer.

### **707 \*\*\*Scholars Calculus\*\*\***

**Full Year Course/One Credit**

This is an advanced courses. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. This course will continue with a more exhaustive study of certain Pre-Calculus topics. It will approach the fundamentals of Calculus (limits, differentiation, and integration) by involving itself only with simple Algebraic and Trigonometric functions. Emphasis will be placed on the mechanics of the Calculus relative to polynomial functions as they appear on the Cartesian Plane.

### **720 Project Based Financial Math**

**Full Year Course/One Credit**

Financial mathematics is a project based math course about personal money management. Students will apply critical thinking skills to analyze personal financial decisions based upon the current and projected economic factors.

### **750 \*\*\*Belmont College MAT 1120 (Statistics)\*\*\***

**Semester Course/One Credit**

Descriptive statistics: graphing, histograms, frequency distributions. Measures of central tendency: mean, median, mode. Measures of variation: standard deviation, variance, coefficient of variation. Probability of events: simple, compound, independent, mutually exclusive. Study of distributions: probability. Binominal, normal and sampling. Chebyshev's Theorem, Empirical Rule, Central Limit Theorem, estimation, hypothesis testing, correlations and regression.

### **751 \*\*\*Belmont College MAT 1130 (College Algebra)\*\*\***

**Semester Course/One Credit**

Linear, polynomial, rational, radical, inverse, exponential, logarithmic, composite, and piece-wise defined functions, their graphs, properties, symmetries, and applications, complex numbers, real roots of polynomial functions, conic sections, systems of linear equations in 2 variables, 3 variables, matrices, and linear and quadratic curves of best fit.

# Science

**A student must earn a minimum of three (3) credits in Science to graduate.**

	Regular HS Science Sequence	Accelerated HS Science Sequence	Available Electives
9th Grade	Physical Science	Physical Science	
10th Grade	Biology	Scholars Biology	
11th Grade	Environmental Science	Scholars Chemistry CCP Intro to Biology I & II	Anatomy, Forensics, Environmental Science, Zoology & Botany
12th Grade	Not Required (Electives Available)	Scholars Physics, CCP Anatomy & Physiology I & II	

Course #	Title	Credit	Term	Fees	Prerequisites/Notations
801	Physical Science	1.00	Full Year	10.00	Required 9th Grade
802	Biology	1.00	Full Year	20.00	Physical Science
812	<b>**Scholars Biology**</b>	1.00	Full Year	20.00	Physical Science (Must have 3.0 GPA in the Subject Area)
803	Anatomy/Physiology	1.00	Full Year	20.00	Physical Science & Biology
804	Forensic Science	1.00	Full Year	20.00	Physical Science & Biology
805	Environmental Science	1.00	Full Year	20.00	Physical Science & Biology
806	Zoology & Botany	1.00	Full Year	20.00	Physical Science & Biology
808	<b>**Scholars Chemistry**</b>	1.00	Full Year	20.00	Physical Science & Biology (Must have 3.0 GPA in the Subject Area)
809	<b>**Scholars Physics**</b>	1.00	Full Year	20.00	Physical Science, Biology, & Algebra 2 (Must have 3.0 GPA in the Subject Area)
850	<b>**Belmont College BIO 1130**</b> (Introduction to Biology I)	1.00	Semester		College Credit Plus Acceptance and Required Placement Score
851	<b>**Belmont College BIO 1132**</b> (Introduction to Biology II)	1.00	Semester		College Credit Plus Acceptance and Required Placement Score
852	<b>**Belmont College BIO 2110**</b> (Anatomy & Physiology I)	1.00	Semester		College Credit Plus Acceptance and Required Placement Score
853	<b>**Belmont College BIO 2112**</b> (Anatomy & Physiology II)	1.00	Semester		College Credit Plus Acceptance and Required Placement Score

**ONLINE SCIENCE COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**



## Science Course Descriptions

### **801 Physical Science / With Lab**

**Full Year Course/One Credit**

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical Science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth, and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning.

### **802 Biology / With Lab**

**Full Year Course/One Credit**

This course investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment, and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

### **812 \*\*\*Scholars Biology / With Lab\*\*\***

**Full Year Course/One Credit**

This is an advanced courses. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. This course introduces students to cell biology, heredity, ecosystems, diversity of life, and provides a foundation for further study in biology. There are five themes from which to develop standards-based learning cycle lessons: Structure of Life, Heredity, Evolutionary theory, Diversity, and Interdependence.

### **803 Anatomy and Physiology / With Lab**

**Full Year Course/One Credit**

This course is designed to help students prepare for higher education. The course materials contain information relevant to the health and well being of students and the community in which they live. Laboratory work is required which involves physiological exercises and the dissection of a mammal's organs. Anatomy will be presented first to give the students the structure of the parts of the system being considered, and then the physiology will be presented to provide an understanding of the biological processes.

### **804 Forensic Science / With Lab**

**Full Year Course/One Credit**

This course focuses on the skills and concepts behind crime scene investigation and forensic science. Whether you desire to be crime scene investigator, forensic pathologist, or some other medical scientist, this course will help you hone your investigative skills and review a wide range of science concepts. You will review physics, chemistry, anatomy, cell biology, environmental science and computer science in the process of learning about forensic science. This course should help you see how science is used to answer questions rather than just learning science concepts.

### **805 Environmental Science**

**Full Year Course/One Credit**

This is a course incorporates biology, chemistry, physics, and physical geology and introduces students to key concepts, principles, and theories within environments science. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real world applications.

### **806 Zoology & Botany**

**Full Year Course/One Credit**

Zoology is an introduction to the animal kingdom and its taxonomy. It includes comparative studies of structure and function, growth, heredity, and the interaction of species with other species and their environment. The class shall be enhanced with field studies and laboratory work. Botany is an introduction to the plant kingdom, taxonomy, structures, reproduction, and the economic & ecological importance to the environment. Plant collections, field studies, & laboratory work will be incorporated.

## Science Course Descriptions

### **808 \*\*\*Scholars Chemistry / With Lab\*\*\***

**Full Year Course/One Credit**

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure, and its interactions is how this course is organized. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.

### **809 \*\*\*Scholars Physics / With Lab\*\*\***

**Full Year Course/One Credit**

This advanced course elaborates on the study of the key concepts of motion, forces, and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. Investigations are used to understand and explain motion, forces, and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real world applications.

### **850 \*\*\*Belmont College BIO 1130 (Introduction to Biology I)\*\*\***

**Semester Course/One Credit**

Explores general biological problems and processes of living organisms. Major topics of the course are scientific theory, molecular biology, cellular biology, genetics, and evolution. The required laboratory component of the course will utilize the scientific method to align with concepts covered in lecture.

### **851 \*\*\*Belmont College BIO 1132 (Introduction to Biology II)\*\*\***

**Semester Course/One Credit**

Explores general biological problems and processes of living organisms. Major topics of the course are scientific theory, evolution, zoology, botany, and ecology. The required laboratory component of the course will utilize the scientific method to align with concepts covered in lecture

### **852 \*\*\*Belmont College BIO 2110 (Anatomy & Physiology I)\*\*\***

**Semester Course/One Credit**

First semester of a two-semester sequence covering the study of human anatomy and physiology. This course is designed to provide the student with an overview of the organization of the human body and an appreciation of the relationship between the structure of the body and the way it functions. Topics include the chemical level of organization, cell structure and metabolism, tissue organization and function, and the integumentary, skeletal, muscular, nervous, and sensory systems. Students must also register for a laboratory section to apply and assimilate information learned in lecture

### **853 \*\*\*Belmont College BIO 2112 (Anatomy & Physiology II)\*\*\***

**Semester Course/One Credit**

Second semester of a two-semester sequence covering the study of human anatomy and physiology. This course is designed to provide the student with an understanding of the organization and function of the following organ systems: endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Students must also register for a laboratory section to apply and

## Social Studies

**A student must earn a minimum of three (3) credits in social studies to graduate.**

	<b>Regular HS SS Sequence</b>	<b>Accelerated HS SS Sequence</b>	<b>Available Electives</b>
9th Grade	American History	American History	
10th Grade	Modern World History	CCP Western Civilization I & II	
11th Grade	American Government	Scholars American Government	Street Law, Psychology & Sociology, Geography & Conflicts, CCP Western Civilization I & II
12th Grade	Service Learning with Local History & Current Events	Service Learning with Local History & Current Events	

<b>Course ID</b>	<b>Title</b>	<b>Credit</b>	<b>Term</b>	<b>Prerequisites/Notations</b>
901	American History	1.00	Full Year	
902	Modern World History	1.00	Full Year	American History
903	American Government	1.00	Full Year	American History and World History
913	<b>**Scholars American Government**</b>	1.00	Full Year	American History and World History (Must have 3.0 GPA in the Subject Area)
904	Service Learning with Local History & Current Events	1.00	Full Year	Required Senior Year
905	Street Law	1.00	Full Year	Open to Students in Grades 10-12
906	Psychology & Sociology	1.00	Full Year	Open to Students in Grades 10-12
915	Geography and Conflicts	1.00	Full Year	
920	PBL Social Studies	1.00	Full Year	
950	<b>**Belmont College HIST1110**</b> (Western Civilization I)	1.00	Semester	College Credit Plus Acceptance
951	<b>**Belmont College HIST1112**</b> (Western Civilization II)	1.00	Semester	College Credit Plus Acceptance

**ONLINE SOCIAL STUDIES COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## Social Studies Course Descriptions

### **901 American History**

**Full Year Course/One Credit**

The course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **902 Modern World History**

**Full Year Course/One Credit**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **912 \*\*\*AP World History\*\*\***

**Full Year Course/One Credit**

This advanced course is designed to be the equivalent of a first year college world history course and follows the College Board's AP World History Topic Outline. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. course designed to explore human history from 8000 B.C.E. to the present. We will emphasize the development of analytical and writing skills necessary for success on a collegiate level. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography (The principles, theories, or methodology of scholarly historical research and presentation) and inquiry into global connections that have shaped our present world. A special emphasis will be given to preparation for the National AP Exam, including historical writing through essay and document-based questions (DBQ) as well as objective evaluations

### **903 American Government**

**Full Year Course/One Credit**

How American people govern themselves at national, state, and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and projects.

### **913 \*\*\*Scholars American Government\*\*\***

**Full Year Course/One Credit**

This is an advanced courses. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. How American people govern themselves at national, state, and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and projects.

### **904 Service Learning with Local History & Current Events**

**Full Year Course/One Credit**

This class will focus on a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen our community. Students will also develop a better understanding of local issues and history as well as topics relevant to the world today.

## Social Studies Course Descriptions

### **905 Street Law**

**Full Year Course/One Credit**

Street Law is a practical program of legal education designed to engage high school students in a critical examination of their legal responsibilities and rights. In this elective students have the opportunity to conduct discussions, research and debates with their classmates about practical legal problems, contemporary legal issues, and the ramifications of breaking the law. The ultimate goal of the program is to provide students with a sense of belonging in society through empowerment with knowledge of the law. A mock trial experience will be part of the requirements of this course.

### **906 Psychology & Sociology**

**Full Year Course/One Credit**

The course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students will also be introduced to the study of sociology which examines the ways people interact with one another. It involves learning about relationships within groups, such as class, relationships, social institutions, religion and family.

### **915 Geography and Conflicts**

**Full Year Course/One Credit**

Geography, the study of the spatial aspects of human existence, enables students to find answers to questions about the world around them. A geographically informed person sees, understands, and appreciates the connections among people, places, and environments. Understanding these connections requires an acute awareness of space, which can be identified in terms of location, distance, direction, pattern, shape, and arrangement. Along with a strong grasp of geography, students will investigate and study historical conflicts and how they have shaped the world we live in.

### **920 Project Based Social Studies**

**Full Year Course/One Credit**

PBL is a learning experience in which students investigate real-world problems that interest them and create solutions that demonstrate their learning. Teaching through projects connect students and schools with their communities, make history relevant, and foster democratic citizenship.

### **950 \*\*\*Belmont College HIST 1110 (Western Civilization I)\*\*\***

**Semester CCP Course/One Credit**

A survey of civilizations from the dawn of time to the Peace of Westphalia in 1648; classical culture of Greece and Rome, the Middle Ages, the Renaissance, the Reformation; the emergence of the modern world.

### **951 \*\*\*Belmont College HIST 1112 (Western Civilization II)\*\*\***

**Semester CCP Course/One Credit**

From 1648 to the present; the dynastic and colonial conflicts of the 18th Century; the French Revolution and the Napoleonic Era; the liberalism, nationalism, and socialism of the western world in the 19th Century; and 20th Century issues of totalitarianism and the two world wars.

## English Language Arts

**A student must earn a minimum of four (4) units of English/Language Arts to graduate.**

	Regular HS English Sequence	Accelerated HS English Sequence
9th Grade	English 9	English 9
10th Grade	English 10	Scholars English 10
11th Grade	English 11	Belmont College Composition I & Belmont College Exp Lit
12th Grade	English 12	Belmont College Composition II & Belmont College Speech

Course #	Title	Credit	Term	Prerequisite
601	English 9	1.00	Full Year	
602	English 10	1.00	Full Year	English 9
612	<b>**Scholars English 10**</b>	1.00	Full Year	English 9 (Must have 3.0 GPA in the Subject Area)
603	English 11	1.00	Full Year	English 10
604	English 12	1.00	Full Year	English 11
620	Project Based English Language Arts	1.00	Full Year	Elective Credit
621	Speech, Debate, and Public Discourse	1.00	Full Year	Elective Credit
305	Journalism & Broadcast Media Production	1.00	Full Year	Elective Credit
650	<b>**Belmont College ENG1110**</b> (Composition I)	1.00	Semester	College Credit Plus Acceptance and Required Placement Score
652	<b>**Belmont College ENG1150**</b> (Experiencing Literature)	1.00	Semester	College Credit Plus Acceptance and Required Placement Score
651	<b>**Belmont College ENG1120**</b> (Composition II)	1.00	Semester	College Credit Plus Acceptance and Required Placement Score
653	<b>**Belmont College COM1115**</b> (Speech)	1.00	Semester	College Credit Plus Acceptance and Required Placement Score

**ONLINE ENGLISH COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## English Language Arts Course Descriptions

### **601 English 9**

**Full Year Course/One Credit**

English 9 is intended for students interested in practical reading, writing, and speaking skills. The curriculum includes vocabulary, grammar and usage, composition proficiency and various literary selections.

### **602 English 10**

**Full Year Course/One Credit**

English 10 is intended for students interested in practical reading, writing, and speaking skills. Curriculum focuses on improving vocabulary, grammar, usage, and composition skills. The course also involves the study of short stories, plays, poetry, essays, and several novels.

## English Language Arts Course Descriptions

### **612 \*\*\*Scholars English 10\*\*\***

**Full Year Course/One Credit**

This is an advanced course. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation, and academic maturity. The course is intended for students planning to attend college. The work in this course is more rigorous and involves an in-depth study of a variety of literary works as well as extensive writing.

### **603 English 11**

**Full Year Course/One Credit**

English 11 is intended for students interested in practical reading, writing, and speaking skills. The curriculum involves general composition skills as well as job oriented writing. It also involves reading various selections from American literature, one speech, and one research paper.

### **604 English 12**

**Full Year Course/One Credit**

English 12 is intended for students interested in practical reading, writing, and speaking skills. This course continues to focus on writing skills necessary in the job market. It also involves reading various selections from English literature.

### **620 Project Based English Language Arts**

**Full Year Course/One Credit**

PBL is a teaching method in which students gain knowledge and skills working for an extended period of time to investigate and respond to an authentic, engaging, and complex question, problem, challenge or reading in English Language Arts.

### **621 Speech, Debate, and Public Discourse**

**Full Year Course/One Credit**

This course is an elective and does not count towards the four credit English requirement for graduation. Students will focus on all aspects of communication skills including: group discussion, interview skills, informative / persuasive speeches, and both formal and informal debate. Students will read, analyze, and critique examples of speech and public discourse.

### **305 Journalism & Broadcast Media**

**Full Year Course/One Credit**

This class is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. This course will have two focuses described on page 64.

### **650 \*\*\*Belmont College ENG 1110 (Composition I)\*\*\***

**Semester CCP Course/One Credit**

Fundamentals of rhetoric and writing academic essays: standard expository writing utilizing narrative, descriptive, evaluative, and persuasive strategies, taught in a computer-lab setting or online, emphasizing revising and rewriting.

### **652 \*\*\*Belmont College ENG 1150 (Experiencing Literature)\*\*\***

**Semester CCP Course/One Credit**

A practical approach to thematic interpretation. Students will give written expression to the meaning of thematic elements and their relations outside the works of literature. Students write both individually and within a collaborative process, learning to develop ideas in relation to literature and in relation to the ideas of other people. They gain experience in both accepting and challenging ideas available in literature and in responses of others. Reading are selected from some of the following genres in American and world literatures: short story, novel, film, drama, poetry, and essay. The course is taught within a selected thematic framework. (Prerequisite: ENG1110)

### **651 \*\*\*Belmont College ENG 1120 (Composition II)\*\*\***

**Semester CCP Course/One Credit**

Exploration of a detailed research process, including the writing of two short essays, culminating in production of a substantive documented research paper. Students use multiple sources, including electronic, through OhioLink and Internet-based research. (Prerequisite: ENG1110)

### **653 \*\*\*Belmont College COM 1115 (Speech)\*\*\***

**Semester CCP Course/One Credit**

Study of the elements of good speech, with emphasis on speaking to inform or persuade. A variety of speaking experiences will be provided, ranging from individual presentations to group

## Business & Technology

Course #	Title	Credit	Term	Fees	Prerequisites
301	Principles of Business	1.00	Full Year	10.00	9th-12th Grade
302	Sports & Recreation Business	1.00	Full Year	10.00	9th-12th Grade
304	Publication & Design	1.00	Full Year	10.00	10th-12th Grade
305	Journalism & Broadcast Media Production	1.00	Full Year	10.00	10th-12th Grade
306	Introduction to Digital Graphics (Adobe Products)	1.00	Full Year	10.00	9th-12th Grade
307	Advanced Digital Graphics & Video Editing (Adobe Products)	1.00	Full Year	10.00	(Instructor Approval) Intro to Digital Graphics 10th-12th Grade
308	CODE HS (Computer Based Curricular Coding and Design Options)	1.00	Full Year	10.00	9th-12th Grade
309	Technology Maintenance & Repair	1.00	Full Year		9th-12th Grade
312	Financial Literacy	0.50	Semester		Required 10th Grade
351	Digital Citizenship	0.50	Half Year		9th Grade

**ONLINE BUSINESS/TECH COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## Business & Technology Course Descriptions

### **301 Principles of Business**

**Full Year Course/One Credit**

Students will develop skills and competency in the introduction of operations, finance, management, and marketing. The competence acquired is valuable for personal use and professional skills needed in the work force and the next level of education.

### **302 Sports & Recreation Business**

**Full Year Course/One Credit**

Students will explore the world of the sport industry and how it interacts with the business world. Students will study sport management, finance, public relations, marketing, and business administration while gaining hands-on experience through a variety of research and projects.

### **304 Publication & Design**

**Full Year Course/One Credit**

Project oriented course where students will study, examine, design, and create various publications. The competence acquired is valuable for personal use and professional skills needed in the work force or next level of education. In addition, students will study various forms of document, newspaper, and yearbook layout, design, and copywriting. Students are expected to work on the newspaper and yearbook staffs throughout the course of the entire school year.



## Business & Technology Course Descriptions

### **305 Journalism & Broadcast Media**

**Full Year Course/One Credit**

This class is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. This course will have two focuses. The first is to develop the skills necessary to run a news broadcast and will cover topics such as interviewing, videography, photography, and familiarity with U.S. and world news. The second is to use editing software to create creative videos with a variety of topics, including a PSA and short film. Students will have the opportunity to present their work to the student body via TV broadcast. Students may be required to cover events outside school hours for HC-TV.

### **306 Introduction to Digital Graphics**

**Full Year Course/One Credit**

This course provides a comprehensive introduction to the essentials of Digital Graphics. Through real-world design scenarios and hands-on projects, students create compelling, usable graphics. Focuses on the overall production process surrounding design with particular emphasis on design elements. Hands-on exercises will be taught using Adobe Photoshop, Adobe Illustrator, Adobe After Effects, and Adobe Premier.

### **307 Advanced Digital Graphics and Video Editing**

**Full Year Course/One Credit**

This course continues the study of Digital Graphics. Students will use Adobe products to create graphics and complete projects for individual, school, and community use. Adobe Photoshop, Adobe Illustrator, Adobe After Effects, and Adobe Premier will be used extensively. Students may have the option to become Adobe certified in particular products at the conclusion of the course.

### **308 CODE HS (Computer Based Curricular Coding and Design Options)**

**Full Year Course/One Credit**

CODE HS is a computer based curriculum that offers numerous topics from coding to design. This course is a self paced computer based curriculum. Students will have a faculty member to assist as needed through completion. Students will schedule this course and choose from CODE HS Curriculum. The courses offered are at <https://codehs.com/curriculum>

### **309 Technology Maintenance & Repair**

**Full Year Course/One Credit**

This hands on technology repair course reviews the typical problems found in technology systems and hardware. Students learn step-by-step troubleshooting skills, starting with basic problems and then advancing to more difficult issues. Through hands on training and repairing, students will learn how to maintain numerous technological systems. Student will work one on one with IT staff and be responsible in helping maintain school technology resources. (Class sizes are limited and should chosen by those genuinely interested in the field)

### **312 Financial Literacy**

**Full Year Course/Half Credit**

The content of this course is based on the Financial Literacy Standards and Model Curriculum and includes topics such as financial responsibility and decision making, planning and money management, informed consumers, investing, credit and debt, risk management, and insurance. Required for 10th grade students opposite of Biology.

### **351 Digital Citizenship**

**Full Year Course/One Credit**

This course explores ways to become a good digital citizen in today's world. Students are introduced to the primary elements of digital citizenship: Digital Literacy, Digital Access, Digital Rights and Responsibilities, and Digital Safety. Students have opportunities to explore proper usage and common pitfalls surrounding technology and social media.

## Health & Wellness

**All students are required to earn a half credit in both Health and Physical Education. PE Waivers are also available.**

Course #	Title	Credit	Term	Notations
451	Health	0.50	Semester	Required by 9th Grade
472	Sports & Fitness	0.50	Full Year	PE Credit
473	Wellness & Individualized Fitness	0.50	Full Year	PE Credit
474	Basic Strength Training & Fitness	0.50	Full Year	PE Credit
475	Strength Training & Conditioning for HS Athletes	0.50	Full Year	PE Credit / Must compete for a high school team or have completed Basic Strength Training

**ONLINE HEALTH/WELLNESS COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

### Health & Wellness Course Descriptions

#### **451 Health Semester Course/Half Credit**

For all high school students who need the credit for graduation. The course focuses on helping students become responsible for their own personal health. Students develop a basic knowledge and understanding of body systems, body functions, and body needs. They practice and implement healthy habits and routines that properly support and care for these systems, functions and needs.

#### **472 Sports & Fitness Full Year Course/Half Credit**

Students in this course will participate in a variety of individual and team activities. Students will have an opportunity to practice game and sportsmanship skills and develop leadership, decision making, and communication skills. The class will incorporate activities to enhance lifelong recreational participation. Students will understand the components of physical fitness and the benefits of a physically active lifestyle. Open to all students.

#### **473 Wellness & Individualized Fitness Full Year Course/Half Credit**

Students in this course will participate in a variety of aerobic activities, evaluate personal fitness levels, develop personal fitness goals, and demonstrate knowledge of nutrition and responsible eating plans. Activities may include but are not limited to low and high impact aerobics, circuit training, Pilates, Yoga, step aerobics, etc. They will develop an understanding of the components of physical fitness and the benefits of an active lifestyle.

#### **474 Basic Strength Training & Fitness Full Year Course/Half Credit**

This course is designed for those students with little or no prior strength training experience. In this course students will be instructed in proper lifting and spotting techniques along with safety procedures. Students will be introduced to the benefits of strength training and its contributions to overall health. Workouts will be customized to meet individual's desired results. It will help the students develop activity and personal fitness plans to meet their needs now and in the future.

#### **475 Strength Training & Conditioning for HS Athletes Full Year Course/Half Credit**

This class is designed for students who have had previous experience in Basic Strength Training or are currently in a sport at the high school. In this course students will receive instruction in more advanced lifting programs. Students will develop an individual strength program to benefit their individual needs. Individuals will be able to use their sport specific workouts. Additional activities in this course may include but are not limited to agility training, plyometrics, flexibility development, cardiovascular conditioning, and health related issues. Students must be athletes who compete for a high school team or students who have completed the basic strength training courses.

## Fine Arts (Visual Arts)

**Students must take two semesters of a fine art (art, music, theater) from 7th-12th grade.**

Course #	Title	Credit	Term	Fees	Prerequisites/Notations
101	Introduction to Art	1.00	Full Year	20.00	
111	Drawing & Painting	1.00	Full Year	20.00	Art I
121	Advanced Art	1.00	Full Year	20.00	Art I

**ONLINE VISUAL ARTS COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## Visual Arts Course Descriptions

### **101 Introduction to Art**

**Full Year Course/One Credit**

Students will be introduced to the basic concepts of the elements and principles of design, focusing on an informed application and more advanced usage of art mediums. Projects will be completed in a wide range of art mediums and subjects, including: Drawing (Graphite Pencil), Drawing (Pastel/Charcoal), Drawing (Ink), Painting (Water Color), Drawing (Oil Pastel), and Painting (Acrylic).

### **111 Intermediate Art**

**Full Year Course/One Credit**

Students will focus on various drawing mediums, their applications, and the techniques relevant to their usage. Mediums used will include: Graphite, Pastel, Oil Pastel, Ink, Mixed Media, and Mixed Media (Choice). Students will also explore various painting mediums, their applications, and the techniques relevant to their usage. Techniques used include: Printmaking, Plaster sculpture, Ceramics, Ink Wash/brush technique; Water color landscape, Water color portrait, Acrylic Mono Chromatic Value study, Acrylic Landscape, and Acrylic Illustrative/Surrealism.

### **121 Advanced Art**

**Full Year Course/One Credit**

Students will develop works which display a more in-depth understanding and application of the elements and principles of design. Student projects will be self guided, and completed in the order of their choice in the medium of their choice. Methods include: Portrait, Landscape, Figure, Still Life, and Mixed Media. Increasing levels of Independent artistic choice and work should be expected.

## Fine Arts (Performing Arts)

**Students must take two semesters of a fine art (art, music, theater) from 7th-12th grade.**

Course #	Title	Credit	Term	Fees	Prerequisites/Notations
1100	Instrumental Methods Lab	1.00	Full Year		
1101	Instrumental Music (Marching Band)	0.50	Semester		
1102	Symphonic Music (Concert/Theater)	0.50	Semester		
1105	Stage Ensemble	1.00	Full Year		Audition
1112	Music Theory, Composition, Technology	1.00	Full Year		
1125	Select Choir	1.00	Full Year		Audition
1163	Bel Canto (Tenor & Bass Voices)	1.00	Full Year		
1164	Bel Voce (Soprano & Alto Voices)	1.00	Full Year		
1170	Introduction to Theatre	1.00	Full Year		

**ONLINE PERFORMING ARTS COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## Performing Arts Course Descriptions

### **1100 Instrumental Methods Lab**

**Full Year Course/One Credit**

This class is for high school students looking to join Symphonic Band and needing to learn how to play an instrument. This class is also available for current Symphonic Band members interested in learning to play a new instrument and students who would like to help younger and beginner students to improve their skills and prepare for upper level ensembles.

### **1101 Instrumental Music (Marching Band)**

**Semester Course/Half Credit**

Open to all students with at least one year playing experience. For the student who desires a higher level of instrumental performance. This ensemble performs multiple times per year at concerts and community events. Open to all students with at least one year playing experience and/or with director recommendation. During the first semester the band functions as a marching unit attending all football games as well as various parades and band shows. Students will be required to perform at all scheduled concerts & events, including district/state large group adjudicated events. **Band camp in August may be mandatory.** Taken opposite 1102.

### **1102 Symphonic Music (Concert/Theater)**

**Semester Course/Half Credit**

Open to all students with at least one year playing experience. For the student who desires a higher level of instrumental performance. This ensemble performs multiple times per year at concerts and community events. Open to all students with at least one year playing experience and/or with director recommendation. During the 2nd semester the band functions as a concert ensemble and theatrical orchestra. Students will be required to perform at all scheduled concerts & events, including district/state large group adjudicated events. Taken opposite 1101.

## Performing Arts Course Descriptions

### **1105 Stage Ensemble**

**Full Year Course/One Credit**

This group will be performing a variety of jazz, rock, and Latin music. Instrumentation includes saxophones, trumpets, trombones, electric guitar, bass guitar, piano (keyboard), drumset, and vibraphone. The Stage Band will be required to perform at all scheduled concerts and events. Director recommendation is required.

### **1112 Music Theory, Composition, Technology**

**Full Year Course/One Credit**

This course is designed for those who are interested in furthering their knowledge of music through the study of music theory, composition, and technology. Students will be studying the fundamentals of music including chordal structure, harmonic structure, rhythmic structure, and compositional techniques. This course introduces students to the concepts of recording, sequencing and mixing music using computer-based Digital Audio Workstations (DAWs). Topics covered include digital audio and MIDI theory, DAW signal flow and system requirements, MIDI sequencing, stereo mixing techniques, and use of software-based virtual instruments and effects processors such as equalizers, compressors and reverbs.

### **1125 Select Choir**

**Full Year Course/One Credit**

For the student who desires a higher level of choral performance. This ensemble performs multiple times per year at concerts and community events. The repertoire will include music from classical and modern choral literature performed in four to eight or more part harmony. Audition required.

### **1163 Bel Canto (Tenor and Bass Voices)**

**Full Year Course/One Credit**

Bel Canto is open to any tenor or bass singer wishing to sing in a group of exclusively bass clef voices. Bel Canto will be required to perform at all scheduled concerts and events.

### **1164 Bel Voce (Soprano and Alto Voices)**

**Full Year Course/One Credit**

Bella Voce is open to any soprano or alto voices wishing to sing in a group of exclusively treble voices. Bella Voce will be required to perform at all scheduled concerts and events.

### **1170 Introduction to Theatre**

**Full Year Course/One Credit**

This course gives students exposure to a broad range of theatrical concepts required for work both on and backstage. The course will include concepts such as theatre terminology and history, performance areas such as movement, scene work, character development, and improvisation as well as technical elements such as scenic, lighting, sound, costume, and makeup design and execution. (Students are expected to take part in theatrical productions at the school).

## World Languages

Course #	Title	Credit	Term	Fee	Prerequisites
311	American Sign Language I	1.00	Full Year		
411	Spanish I	1.00	Full Year		
412	Spanish II	1.00	Full Year		Spanish I
413	Spanish III	1.00	Full Year		Spanish II
414	Spanish IV	1.00	Full Year		Spanish III
511	French I	1.00	Full Year		
512	French II	1.00	Full Year		French I
513	French III	1.00	Full Year		French II
514	French IV	1.00	Full Year		French III

**ONLINE WORLD LANGUAGE COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

## World Languages Course Descriptions

### **311 American Sign Language I**

**Full Year Course/One Credit**

ASL 1 is an introductory course designed to take students with little to no knowledge of ASL and provide them with the skills needed to communicate comfortably in a wide variety of situations. The learner will be able to introduce oneself, exchange personal information, talk about surroundings, give directions, and describe activities. This course will be taught via remote instruction and hands on assistance by faculty. (Class enrollment will be selective due to format)

### **411 Spanish I**

**Full Year Course/One Credit**

Spanish I introduces the students to the four basic elements of a foreign language including listening, speaking, reading, and writing. Students will learn general vocabulary, correct pronunciations, and basic grammatical structures. Students are introduced to the culture of the twenty-one Spanish-speaking countries.

### **412 Spanish II**

**Full Year Course/One Credit**

Spanish II reviews, enriches and continues the study of the language at an intermediate level. The four skills of listening, speaking, reading, and writing are further developed with emphasis on new vocabulary and correct grammatical structures. There is a continued study of Hispanic culture.

### **413 Spanish III**

**Full Year Course/One Credit**

Spanish III continues the study of the language on a more advanced level. Emphasis is placed on oral proficiency as well as grammar, vocabulary and culture.

### **414 Spanish IV**

**Full Year Course/One Credit**

Spanish IV ties together the elements learned in the prior three years. Students will strive for fluency and accuracy in listening, speaking, reading and writing idiomatic Spanish. The students will also increase their awareness of Hispanic culture.

### **511 French I**

**OFFERED 2024-2025**

**Full Year Course/One Credit**

French I introduces the students to the four basic elements of a foreign language including listening, speaking, reading, and writing. Students will learn general vocabulary, correct pronunciations, and basic grammatical structures. Students are introduced to the culture of French-speaking countries.

### **512 French II**

**Full Year Course/One Credit**

French II reviews, enriches and continues the study of the language at an intermediate level. The four skills of listening, speaking, reading, and writing are further developed with emphasis on new vocabulary and correct grammatical structures. There is a continued study of French culture.

## World Languages

### 513 French III

**Full Year Course/One Credit**

French III continues the study of the language on a more advanced level. Emphasis is placed on oral proficiency as well as grammar, vocabulary and culture.

### 514 French IV

**Full Year Course/One Credit**

French IV ties together the elements learned in the prior three years. Students will strive for fluency and accuracy in listening, speaking, reading and writing idiomatic French. The students will also increase their awareness of French culture.

## Industrial Technology

Course #	Title	Credit	Term	Fees	Prerequisites
1031	Foundations of Technology	1.00	Full Year	25.00	None
1015	Fundamentals of Home Maintenance & Furniture Making	1.00	Full Year	25.00	Foundations of Technology or Junior/Senior with instructor approval
1017	Engineering & Architectural Concepts	1.00	Full Year	25.00	Intro to Ind. Technology or Junior/Senior with instructor approval
1019	Advanced Drafting and Design	1.00	Full Year	25.00	Foundations of Technology or Junior/Senior with instructor approval

## Industrial Technology Course Descriptions

### 1031 Foundations of Technology

**Full Year Course / One Credit**

Prepares students to understand and apply technological concepts that are the cornerstone for the high school technology program. Group and individual activities engage students in creating ideas, developing innovations and engineering solutions.

### 1015 Fundamentals of Home Maintenance & Furniture Making

**Full Year Course / One Credit**

The primary emphasis of this course will focus on the study of the tools, materials, and processes involved in the upkeep and repair of the home, its equipment and devices.

*(Prerequisite: 1031 or Junior/Senior with instructor approval)*

### 1017 Engineering & Architectural Concepts

**Full Year Course / One Credit**

Comprehensive study of the knowledge and process in designing, making, developing, producing, and using new technology applications along with information and skills concerned with conveying ideas or illustrations graphically through drawings, charts, sketches, maps, and graphs, and related factors such as the role of engineering in history and industry.

*(Prerequisite: 1031 or Junior/Senior with instructor approval)*

### 1019 Advanced Drafting and Design

**Full Year Course / One Credit**

The primary emphasis of this course will focus on using and applying computer software to create technical 2D and 3D drawings for use in industrial technology career paths.

*(Prerequisite: 1031 or Junior/Senior with instructor approval)*

## Agricultural & Environmental Studies

**All students taking Agriculture courses will become members of the FFA. Included in each of the courses below, there are mandatory FFA assignments that must be completed. Participation in FFA events is expected.**

Course #	Title	Credit	Term	Fees	Prerequisites/Notations
1251	Agriculture, Food & Natural, Resources	1.00	Full Year	\$10.00 Class Fee	8th Grade Students and New Ag students
1252	Animal and Plant Science	1.00	Full Year	\$10.00 Class Fee	Agriculture, Food, Natural Resources (Recommended for 9th Graders)
1253	Livestock Selection, Nutrition, & Mang.	1.00	Full Year	\$10.00 Class Fee	Agriculture, Food, Natural Resources
1254	Greenhouse and Nursery Management	1.00	Full Year	\$10.00 Class Fee	Agriculture, Food, Natural Resources
1257	Business Management for Agricultural and Environmental Systems	1.00	Full Year	\$10.00 Class Fee	Agriculture, Food, Natural Resources (Recommended for 11th & 12th Graders)
1258	Agricultural/Environmental Capstone	1.00	Full Year		12th Grade 4 year Ag Participants with Instructor Approval

## Agricultural & Environmental Studies Course Descriptions

### **1251 Agriculture, Food, and Natural Resources**

**Full Year Course/One Credit**

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry. (All 8th grade students and Freshmen who did not take Agriculture in 8th Grade)

### **1252 Animal and Plant Science**

**Full Year Course/One Credit**

OFFERED 2024-2025

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

### **1253 Livestock Selection, Nutrition and Management**

**Full Year Course/One Credit**

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management. Students will develop management plans reflecting practices for care and legal compliance.



## Agricultural & Environmental Studies Course Descriptions

### **1254 Greenhouse and Nursery Management**

**Full Year Course/One Credit**

The course will apply principles of science, engineering, and business to support the sustainable propagation and production of plants in a commercial nursery or greenhouse facility. Management of soil/media, water and nutrient distribution, lighting, ventilation and temperature, and pests will be learned and applied. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Students will develop successful business, communication, marketing, and sales strategies for use in the greenhouse and nursery industries.

### **1257 Business Management for Agricultural and Environmental Systems**

**Full Year Course/One Credit**

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. (Recommended 11th and 12th graders)

### **1258 Agricultural and Environmental Systems Capstone**

**Full Year Course/One Credit**

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, and internships. (Senior students only) Prior approval from instructor needed.

## Career/Work Skills Programs

Course #	Title	Credit	Term	Prerequisites
2000	Work Readiness	0.50	Semester	9th & 10th Grade
2001	Work Skills (11th & 12th Grade)	1.00	Full Year	11th & 12th Grade
2002	Work Experience (11th/12th Grade)	1.00	Full Year	11th & 12th Grade

**ONLINE CAREER COURSES ARE ALSO AVAILABLE. SEE COUNSELOR FOR MORE DETAILS**

### **2000 Work Readiness**

**Semester Course / Half Credit**

This course places heavy emphasis on vocational orientation vocational orientation, college and career readiness, and non-paid campus work experience. Topics covered will include: the importance of an education, financial literacy, how to apply for and obtain a job, what employers are seeking in employees, attitude in the work place, working with others and career exploration. Grades will be decided by work done in and out of class. Students may be assigned volunteer work positions in and around the school that will be a mandatory part of this course.

### **2001 Work Skills**

**Must Schedule Work Experience (2002)**

**Full Year Course / One Credit**

This course places heavy emphasis on vocational orientation and training. Topics covered will include: the importance of an education, financial literacy, how to apply for and obtain a job, and what those employers are seeking in employees. Time is also spent discussing problems on the job and those that arise later in life. Skills will be acquired that will help throughout the students' lives.

### **2002 Work Experience**

**Must Schedule Work Skills (2001)**

**Full Year Course / One Credit**

This course will allow students to leave school one period early to obtain and began employment. The coordinator must approve all jobs. Grades will be decided by work done in class and appraisals by the work supervisor. Students and their parent/guardian will be required to sign a program agreement form. It is paramount that the students attain and keep a job for the duration of the program. Students should work with the teacher to help gain appropriate employment. Students are responsible for their own transportation, and attendance is mandatory. Skills will be acquired that will help throughout the students' lives.