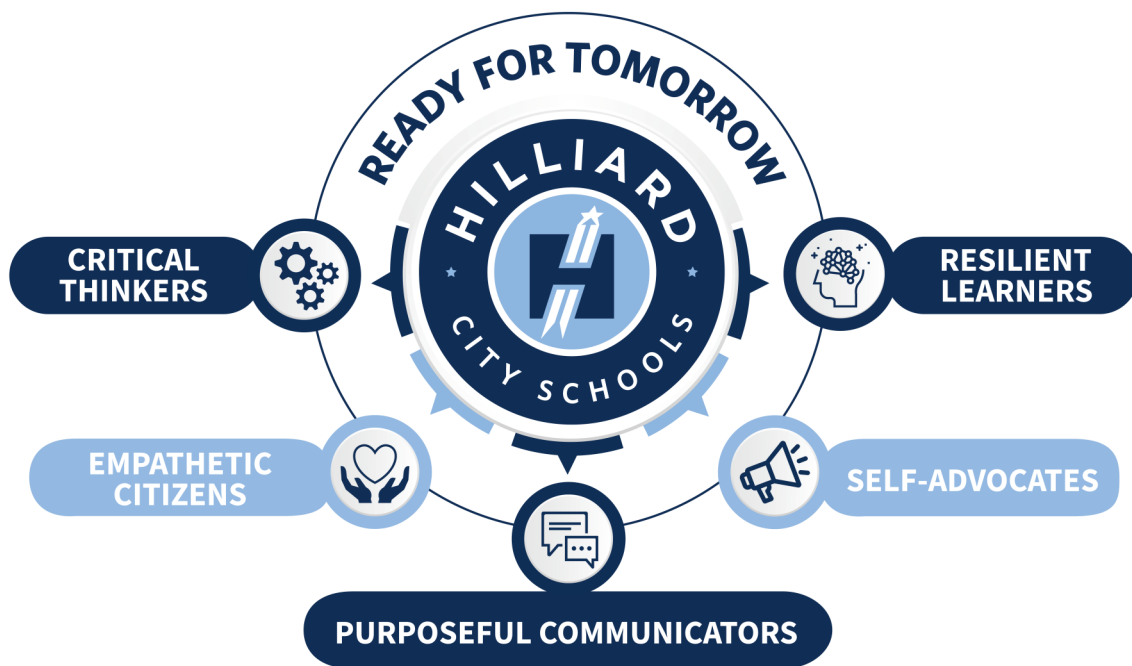


# 2026-2027 High School Program of Studies



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*Every student, without exception.*

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# Hilliard City Schools

## Superintendent's Office 921-7000

David Stewart, *Superintendent*  
William Warfield, *Assistant Superintendent of Curriculum*  
Mike McDonough, *Deputy Superintendent*  
Cori Kindl, *Executive Director of Curriculum*  
Erin Dooley, *Director of Secondary Education*  
Herb Higginbotham, *Director of Elementary Education*  
Mark Tremayne, *Director of Innovation and Extended Learning*

## Board of Education 921-7000

Kelley Arnold  
Sarah Byler  
Kara Crowley  
Tony Moog  
Brian Perry

## Hilliard Bradley High School

**Cort Hamilton, Principal**  
2800 Walker Road  
Hilliard, OH 43026  
614-921-7400 Main Office  
614-921-7420 Guidance Office

## Hilliard Darby High School

**Matt Middleton, Principal**  
4200 Leppert Road  
Hilliard, OH 43026  
614-921-7300 Main Office  
614-921-7320 Guidance Office

## Hilliard Davidson High School

**William Ragland, Principal**  
5100 Davidson Road  
Hilliard, OH 43026  
614-921-7200 Main Office  
614-921-7220 Guidance Office

## The Innovation Campus/Online Academy

**Stacy Carter, HUB Principal**  
3859 Main Street  
Hilliard, OH 43026  
614-921-4850 Main Office  
614-921-4850 Guidance Office

**Craig Vroom, ILC/OA Principal**  
5323 Cemetery Road  
Hilliard, OH 43026  
614-921-4800 Main Office  
614-921-4831 Guidance Office

# TABLE OF CONTENTS

HS Graduation Requirements	4
Grading Scale / Class Honors / Early Graduation	5
State Graduation Requirements	6
Ohio State Diploma Seals	7
Academic Diploma with Honors	10
PE Waiver	11
Career Pathways	12
Scheduling Tutorial	13
Graduation Requirements Planner	14
Schedule Changes / Course Level Changes / Repeating a Course	15
Auditing a Course / Late Arrival & Early Release / Athletic Eligibility / Zero Period / Grade Level Promotion	16
Gifted Services	17
Advanced Placement / Honors Courses	18
College Credit Plus	19
Credit Flexibility	26
College Preparatory Curriculum	29
SchoolLinks / PSAT	30
SAT/ACT / Post Secondary Counseling /College Visits / College Representatives / Transcripts	31
NCAA	32
Course Offerings	34
Course Descriptions	36
Art	37
Business	40
English Language Arts	42
English Learners	47
Family & Consumer Science	49
Mathematics	50
Performing Arts	54
Pre-Engineering	57
Science	58
Social Studies	63
Wellness	67
World Languages	69
Intervention	72
Exploring Programs / Zoo School	73
Experiential Learning Opportunities	74
Industry Recognized Credentialing Programs	75
Mosaic/Tolles	80
Independent Study/Correspondence Courses	86
Innovation Campus	87
Online Academy	95
Glossary	96

## H.S. Graduation Requirements

To graduate from a Hilliard City Schools High School, a student must meet the standards adopted by the State of Ohio, and the Hilliard City Schools Board of Education. **The ultimate responsibility for tracking and completing necessary credits for graduation lies with the students and parents. Any student who fails to meet the district’s graduation requirements shall not participate in commencement exercises or receive a diploma.**

Graduation Requirements		
Subject	Minimum Credit Requirement—21.0	
English	4	
World Studies	1	
U.S. History	1	
U.S. Government	1	
Science	3	1 credit Biology; 1 credit Physical Science
Math	4	Must include Algebra 2 or its equivalent
Health	0.5	
Physical Education	0.5	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading ( <a href="#">see page 11</a> ). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.0 credits).
Future Ready	0.5	
Financial Literacy Elective	0.5	The financial literacy elective requirement can be fulfilled by taking one of the following courses during the Sophomore, Junior or Senior year: Careers & Money Management, Entrepreneurship, Financial Independence, Personal Finance, College Fundamentals, AP Microeconomics, AP Macroeconomics, Life Skills or CBI 3 Related. Note: Taking one of these prior to the Sophomore year will not fulfill the graduation requirement. This requirement is strongly encouraged for 10th graders who are interested in Tolles Career & Technical Center.
Additional Electives	5	<p><b>1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in middle school (grades 7-8).</b> Successful completion of a Tolles, CBI or Career &amp; Employment Development program fulfills the Fine Arts graduation requirement.</p> <p>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.</p> <p>Successfully completing 2 semesters of fine arts coursework will fulfill the Hilliard City School District Graduation Requirement in Fine Arts. A middle school student must successfully complete an advanced fine arts course in order to count for the State Graduation option for the Fine and Performing Arts Seal.</p> <p>Students must earn 5.0 Elective Credits in content areas other than Wellness.</p>
<b>TOTAL CREDITS</b>	<b>21.0</b>	

**The Hilliard City School District’s high school Program of Studies is subject to change and is revised periodically throughout the year.**  
**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 disability. This policy meets all requirements and directions of the U.S. Department of Education 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.

## Grading Scale/Class Honors/Early Graduation

### Grade Point Average (G.P.A.) & Grading Scale

Grade Point Average is based on final grades in all graded subjects using the following scales:

			<b>AP</b>	<b>Honors</b>				<b>AP</b>	<b>Honors</b>
93-100	A	4.00	5.00	4.50	73-77	C	2.00	3.00	2.50
90-92	A-	3.75	4.75	4.25	70-72	C-	1.75	2.75	2.25
88-89	B+	3.25	4.25	3.75	68-69	D+	1.25	2.25	1.75
83-87	B	3.00	4.00	3.50	63-67	D	1.00	2.00	1.50
80-82	B-	2.75	3.75	3.25	60-62	D-	0.75	1.75	1.25
78-79	C+	2.25	3.25	2.75	0-59	F	0.00	0.00	0.00

### Academic Recognition

Students will be recognized for academic achievements based on Grade Point Average and the Latin Honor System.

Summa Cum Laude = 4.25 and above

Magna Cum Laude = 4.0- 4.24

Cum Laude = 3.75 - 3.99

#### President's Education Award Program

Presidential awards will be made late in the spring to graduating seniors who have met the following criteria:

1. Attained a 3.5 grade-point average or better on a straight 4.0 scale over grades 9, 10, 11, and the first semester of grade 12.
2. Scored at or above the 85th percentile in math or reading on any one of the following nationally recognized standardized achievement tests during either the 11th or 12th grade: PSAT/NMSQT, ACT, SAT I.

#### Varsity Letter in Academics

Students in grades 9 and 10 with a cumulative G.P.A. of 3.75 or above will receive the Varsity letter or corresponding Latin Honors Pin.

Students in grades 11 and 12 with a cumulative G.P.A. of 3.50 or above will receive the Varsity letter or corresponding Latin Honors Pin.

#### Scholarship Ranking Criteria

To ensure fairness and consistent procedure when designating students for external recognition, scholarships, or honors requiring specific class ranking (e.g., top 5%), HCS D has established a transparent tie-breaker protocol. In the event of a tie in class ranking, the following criteria will serve as the tie-breaker, applied sequentially:

1. The cumulative GPA will be calculated to four decimal places
2. The district will review the total number of As, first by final grades, then by semesters
3. The district will review the highest SAT/ACT score
4. The district will review the highest number of 3 or above on AP exams

### Early Graduation

To be considered for early graduation, the application form **must** be turned in to the respective school counselor **a minimum of nine months prior to the completion of all coursework.**


- A. Procedure for applying for **permission** to graduate early:
  1. Students receive application from school counselor.
  2. Completed application must be signed by parent, listing reasons for request. Completed application is returned to counselor.
  3. Counselor will verify that the student has a minimum 2.75 accumulative average.
  4. Counselor will send the application to the principal and schedule a parent meeting.
  5. If approved, the principal will send approved application to the superintendent for final approval.
  6. If criteria in 1-5 are not met, principal has discretion to make the final decision.
- B. Students who have declared their intent to graduate early prior to the start of their third year of high school and who have earned at least 15 credits will be considered members of the senior class for Honors and senior privileges. Students may choose to walk with the new graduation class.

At semester, the counselor will verify with the student and his/her parent that the early graduate plans to graduate during the current school year.


# State Graduation Requirements

**First**


Earn 21.0 Credits



4 Credits English




4 Credits Math



3 Credits Social Studies



3 Credits Science



.5 Credit Future Ready



.5 Credit Financial Literacy Elective



.5 Credit Physical Education




.5 Credit Health



5 Credits Additional Electives


**Second**

Show Competency




Earn a “competency score” on the Algebra I and ELA II End of Course Test

OR




Two Career - Focused Activities

OR




College Credit Plus

OR



Military Enlistment

OR



ACT or SAT Remediation-Free Score

**Third**

Show Readiness

Earn 2 Diploma Seals

State Defined



















Locally Defined







Students must have a minimum of 1 State Seal

# Ohio State Diploma Seals

The state of Ohio has created 12 diploma seals for students to demonstrate academic and technical skills for college, careers, or the military. 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. *Ohio Revised Code sections 3313.618 and 3313.6114.*

## State-Defined Diploma Seals (Must earn at least one)

Seal	Requirements	Approved Courses and Programs
<b>Military Seal</b>	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces.	
<b>Technology Seal</b>	A student can: <ol style="list-style-type: none"> <li>Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement exam;</li> <li>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>Complete and pass a course offered through the district or school that meets guidelines developed by the Department. Students must complete a portfolio and a culminating project.</li> <li>Successful completion of an industry-recognized technology credential.</li> </ol>	<ul style="list-style-type: none"> <li>AP Computer Science A</li> <li>AP Computer Science Principles</li> <li>Introduction to Engineering Design</li> <li>Introduction to Engineering Design (Women)</li> <li>Principles of Engineering</li> <li>Digital Electronics</li> <li>Engineering Design / Development</li> <li>Future Ready</li> <li>Media Arts 1</li> <li>Marketing</li> </ul>
<b>Industry-Recognized Credential Seal</b>	A student can: <ol style="list-style-type: none"> <li>Earn a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field.</li> <li>Obtaining a state-issued license for a practice in a vocation that requires an examination in one.</li> </ol>	<ul style="list-style-type: none"> <li><a href="#">Tolles Programs</a></li> <li><a href="#">Pre-apprenticeships</a></li> <li>Industry-recognized credentials</li> </ul>
<b>Citizenship Seal</b>	A student can: <ol style="list-style-type: none"> <li>Earn a score of proficient or higher on both the American history and American government end-of-course exams;</li> <li>Earn a final course grade equivalent to “B” or higher in American history and American government;</li> <li>Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exam; or</li> <li>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>	<ul style="list-style-type: none"> <li>U.S. History</li> <li>AP U.S. History</li> <li>U.S. Government</li> <li>AP U.S. Government</li> </ul>
<b>OhioMeansJobs-Readiness Seal</b>	Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies: drug free, reliability, work ethic, punctuality, discipline, teamwork, professionalism, learning agility, critical thinking, leadership, creativity, communication, digital technology, global fluency, career management.  Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work, or the community.  <a href="#">Seal verification form</a> (Completed by student and mentors)	<b>Specific courses are not required to meet this seal</b> , but the experiences provided in these courses support the criteria. <ul style="list-style-type: none"> <li>Career Mentorship 1 and 2</li> <li>Academy EDU</li> <li>Health Professionals Academy</li> <li>College Jump Start</li> <li>CBI</li> <li><a href="#">Tolles Programs</a></li> </ul>

# Ohio State Diploma Seals

Seal	Requirements	Approved Courses and Programs
<p><b>State Seal of Biliteracy</b></p>	<p>Meet the requirements and criteria, including:</p> <ul style="list-style-type: none"> <li>• Demonstrate eligibility for a high school diploma;</li> <li>• Demonstrate English language arts proficiency; and</li> <li>• Demonstrate world language proficiency</li> </ul> <p>Proficiency is determined by scores on Ohio’s required state tests for English language arts, on the English and reading sections or the ACT or SAT, and/or on Advanced Placement tests for world language.</p>	<ul style="list-style-type: none"> <li>• AP French</li> <li>• AP Spanish</li> </ul>
<p><b>College-Ready Seal</b></p>	<p>Earn remediation-free scores on the ACT or SAT.</p> <p><b>ACT</b>                      English - 18 or higher                      Reading - 22 or higher                      Mathematics - 22 or higher</p> <p><b>SAT</b>                      Evidence- Based Reading and Writing score - 480 or higher                      Mathematics - 530 or higher</p>	
<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/Honors Biology end-of-course exam;</li> <li>2. Earn a final course grade equivalent to “B” or higher in specified science course*;</li> <li>3. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exam; or</li> <li>4. 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>*Specified courses include:</b></p> <ol style="list-style-type: none"> <li>a. AP Biology</li> <li>b. Human Anatomy &amp; Physiology 1 &amp; 2</li> <li>c. Chemistry</li> <li>d. Honors Chemistry</li> <li>e. AP Chemistry</li> <li>f. Conceptual Physics</li> <li>g. Physics</li> <li>h. AP Environmental Science</li> <li>i. AP Physics C: Mech/Elect/Mag.</li> <li>j. AP Physics/Mechanics</li> <li>k. Astronomy</li> <li>l. Intro. to Forensic Science</li> <li>m. KAP Physics Block</li> <li>n. KAP Chemistry Block</li> <li>o. AP Computer Science A</li> <li>p. AP Computer Science Principles</li> <li>q. All CCP Science Courses</li> </ol> <p><i>*If two semester-long courses are used that are not linked to one another (EX: Forensics &amp; Astronomy), they can count but would need B in each one (not average between the two)</i>  <i>*Students must score a “2” or higher on the associated AP test.</i></p>
<p><b>Honors Diploma Seal</b></p>	<p>Earn one of five Honors Diplomas outlined below:</p> <ol style="list-style-type: none"> <li>1. Academic Honors Diploma;</li> <li>2. Career-Tech Honors Diploma;</li> <li>3. STEM Honors Diploma;</li> <li>4. Arts Honors Diploma;</li> <li>5. Social Science and Civic Engagement Honors Diploma.</li> </ol>	<p>Specific course requirements for each honors diploma are outlined <a href="#">here</a>.</p> <p>Most require a field experience and comprehensive portfolio of the work based on the field experience.</p>

# Diploma Seals

Locally Defined Diploma Seals	
Seals	Requirements
<p><b>Community Service Seal (locally defined)</b></p>	<p><b>During their high school career, students will meet the requirement of the Community Service Seal by completing a community service project that meets the following guidelines:</b></p> <ul style="list-style-type: none"> <li>• helps students make invaluable connections in their community;</li> <li>• gives students an opportunity to explore possible career options in the public, nonprofit and philanthropic sectors and gain valuable work skills;</li> <li>• exposes students to the needs of their community and promotes an understanding of and the value of civic engagement as well as volunteerism; and</li> <li>• provides students with an opportunity to demonstrate social and emotional skills, academic knowledge, leadership, professionalism, and critical reasoning.</li> </ul> <p>Community service experiences must be approved by the building principal or designee prior to the project and evaluated after the project is complete to determine whether it meets qualifications to be provided the Community Service Seal.</p> <p><b>OR:</b> 60 hours of community service over 4 years. (Pro-rated to 15 hours for students who transfer to HCSD during their senior year and 30 hours for students who transfer during their junior year)</p> <ul style="list-style-type: none"> <li>• Students can submit multiple community service experiences for a cumulative total of 60 hours</li> <li>• Community service must be pre-approved by the building principal or designee and hours will be logged and verified.</li> </ul> <p><i>A student who transfers into HCSD during freshman, sophomore, or junior year who was working towards the Community Service Seal will get a proportional amount of service hours for the seal. To determine HCSD hours, take the number of hours earned in the previous district(s) divided by the number of hours required by the previous district. Then multiply times 60 (which is the HCSD requirement over four years). That becomes the number of hours earned toward HCSD requirements.</i></p> <p><i>Students who transfer also have the option of creating a service project, as outlined above.</i></p> <p><i>If a student's previous district did not have a Community Service Seal option, and the student wants to pursue the Community Service Seal in HCSD, then both options are available.</i></p>
<p><b>Student Engagement Seal (locally defined)</b></p>	<p>During their high school career, a student will participate in two or more of the following (or one of the following for two or more seasons/years):</p> <ul style="list-style-type: none"> <li>• HCSD Athletics (one full season)</li> <li>• HCSD Marching Band (one full season)</li> <li>• HCSD Play/Musical/Drama Production (one full production)</li> <li>• HCSD-sponsored club (one full year)*</li> <li>• Approved Credit Flex - Educational Option activities</li> </ul> <p>*For information about HCSD-sponsored clubs available at your school, please connect with your school counselor or building administrator.</p> <p>To earn a Student Engagement Seal from Tolles Career and Technical Center, a student must meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Participate and hold membership in one of the following Career and Technical Student Organizations (CTSO) for at least 2 semesters: BPA, FCCLA, FFA, HOSA, or SkillsUSA</li> <li>• Complete the <a href="#">Tolles Student Engagement Seal Documentation form</a> with a signature from CTSO advisor</li> </ul> <p>A student who transfers to Hilliard City Schools during their junior or senior year may use student engagement activities from previous school(s) attended. Evidence and/or records of participation must be provided.</p>
<p><b>Fine and Performing Arts Seal (locally defined)</b></p>	<p>During their high school career, a student will:</p> <ul style="list-style-type: none"> <li>• Earn two credits of approved Fine and Performing Arts program electives, <b>OR</b></li> <li>• Complete a pre-approved Fine and Performing Arts field experience (ex: individualized instruction, group instruction, selection into OMEA All State Band, Governor's Art Show)</li> </ul>

# Academic Diploma with Honors Criteria

<b><i>Students need to fulfill all but one criterion for any of the following Academic Diploma with Honors for the Class of 2026 &amp; Beyond</i></b>					
Subject	<a href="#">Academic Diploma with Honors</a>	<a href="#">Career Tech Honors Diploma</a>	<a href="#">STEM Honors Diploma</a>	<a href="#">Arts Honors Diploma (includes dance, drama/theatre, music, and visual art)</a>	<a href="#">Social Science &amp; Civic Engagement Honors Diploma</a>
<b>English</b>	4 units	4 units	4 units	4 units	4 units
<b>Math</b>	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	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>	4 units, including one unit of advanced science	N/A	4 units, including one unit of advanced science	N/A	N/A
<b>Social Studies</b>	4 units	N/A	N/A	N/A	5 units
<b>World Language*</b>	3 units of one world language, or no less than 2 units of each of two world languages studied	2 units of one world language 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	3 units of one world language, or no less than 2 units of each of two world languages studied
<b>GPA*</b>	3.5 / 4.0 (unweighted)	3.5 / 4.0 (unweighted)	3.5 / 4.0 (unweighted)	3.5 / 4.0 (unweighted)	3.5 / 4.0 (unweighted)
<b>ACT/SAT*</b>	27 ACT / 1280 SAT	27 ACT / 1280 SAT OR earn a score of six or higher on all three sections of the WorkKeys assessment	27 ACT / 1280 SAT	27 ACT / 1280 SAT	27 ACT / 1280 SAT
<p><b>*Criteria 5 (World Language), 6 (GPA), or 7 (ACT/SAT) may be substituted for an alternative criterion. Students choosing to use the new honors diploma criteria are required to complete the Honors Diploma Experience Tracker in SchoolLinks. Connect with your school counselor for guidance.</b></p> <p>*Can be replaced with:                      1) 12 credits via CCP                      2) Three or higher on three AP tests (with courses)                      3) 12 articulated college credits through Career-Tech articulation guides (CTAGs)</p> <p>4) Complete an apprenticeship                      5) Complete a Hilliard pre-apprenticeship                      6) Submit evidence of acceptance into an apprenticeship program                      7) Earn a score of 50 or higher on ASVAB                      8) Complete 250 hours of work-based learning                      9) Earn score of 6 or higher on all three sections of WorkKeys**</p> <p>**If using Number 9 from replacement list, Career-Tech Honors cannot use as a substitute for GPA or ACT/SAT requirement</p>					
<b>Seals Earned</b>	Earn two additional diploma seals, not including Honors Diploma Seal	Industry Recognized Credential Seal OR Technology Seal	Industry Recognized Credential Seal or Technology Seal	Meet local district requirements to earn Fine Arts Seal	Citizenship Seal
<b>Fine Arts</b>	N/A	N/A	N/A	4 units	N/A
<b>Electives</b>	N/A	Four units of Career-Tech Courses	Two units of additional STEM courses	Two units of Fine Arts (may overlap with general four units)	N/A
<b>Additional Requirement</b>	N/A	Earn a cumulative score of proficient or higher on the technical assessments aligned to program	N/A	N/A	Meet local district requirements to earn Community Service Seal
<b>Field Experience</b>	Complete one of: 1) Field Experience with documented portfolio of work; 2) Attainment of OMJ Seal; 3) Completion of portfolio or work-based learning	Complete one of: 1) Field Experience with documented portfolio of work; 2) Attainment of OMJ Seal; 3) Completion of portfolio or work-based learning	Complete one of: 1) Field Experience with documented portfolio of work; 2) Attainment of OMJ Seal; 3) Completion of portfolio or work-based learning	Complete one of: 1) Field Experience with documented portfolio of work; 2) Attainment of OMJ Seal; 3) Completion of portfolio or work-based learning	Complete one of: 1) Field Experience with documented portfolio of work; 2) Attainment of OMJ Seal; 3) Completion of portfolio or work-based learning
<b>Portfolio</b>	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	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	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	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	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
<b>Experiential Learning</b>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
<a href="http://www.education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma">www.education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma</a>					

Writing sections of either standardized test should not be included in the calculation of this score. Academic Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including: ½ unit physical education\*\*; ½ unit in American history; ½ unit in world history & civilizations; ½ unit health; ½ unit in government \*\*SB 311 allows school districts to adopt a policy exempting students who participate in athletics, marching band or cheerleading for two full seasons from the physical education requirement. \*\*\*\*Please note: a unit refers to one high school credit \*Please note: Advanced Science includes: Chemistry, Physics, Anatomy 1 and 2, and all AP Science classes.

## Physical Education Waiver

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### **Physical Education Waiver**

Students in grades 9-11 may be excused from the physical education course requirement by participating in **District-sponsored** interscholastic athletics, marching band, or cheerleading for at least two (2) athletic seasons during high school grades 9-11. Ohio Revised Code defines District-sponsored interscholastic athletics, marching band, or cheerleading as any high school athletic team, high school cheerleading squad, or high school marching band of the Hilliard City School District that participates in the District's regular athletic season and is operated under the supervision of a Board employee. **Club activities and/or club sports are not considered part of District-sponsored athletics, marching band, or cheerleading.**

High school students in grades 9-11 who meet this requirement will not be required to complete any physical education course as a condition to graduate. However, in order to be eligible for graduation, a high school student, who is excused from the high school physical education class requirement, must complete at least one (1) semester of instruction in another course of study. This semester of instruction must be separate from and in addition to all other courses of study and hours of instruction that are required to graduate. This means the student will need 5.5 elective credits for graduation instead of 5 credits. Students still need to earn a minimum of 21.0 credits to meet the graduation requirements.

**A student must choose to meet their physical education requirement EITHER through the waiver OR through physical education classes (students may not use a combination of both).**

A high school student who has not fulfilled his/her physical education requirement prior to the beginning of his/her senior year will be scheduled into physical education classes. Participation in District-sponsored interscholastic athletics, marching band, or cheerleading during the senior year cannot be used to fulfill the physical education graduation requirement.

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

Baseball	Gymnastics
Basketball	Lacrosse
Bowling	Marching Band
Cheerleading - Sideline	Soccer
Cheerleading - Competition	Softball
Color Guard	Swimming
Cross Country	Tennis
Diving	Track
Football	Volleyball
Golf	Wrestling

# Career Pathways

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.

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.

Career Cluster	Career Pathway	Coursework
Agriculture and Environmental Systems	Animal Science · Environmental Systems · Food Product and Processing · Horticulture · Natural Resource · Urban Forestry · Veterinarian · Water Systems	Tolles Programs: Animal Management Services · Outdoor Careers
Architecture & Construction	Electrical · HVAC · Heavy Equipment · Management · Telecommunications	Tolles Programs: Construction Technologies · Senior Only Employment Ready
Arts, Audio/Video Technology & Communications	Commercial Design · Media Arts · Performing Arts · Visual Design	Art Courses · Media Arts · Academy VIBE · Tolles: Art Design & Communications · Senior Only Digital Media
Business Management & Administration	Administrative Support · Business Management · Human Resources · Legal Management · Medical Management · Purchasing · Supply Chain Management	Tolles: Senior Only CTE Business for the College-Bound
Education & Training	Teaching	Academy EDU · Tolles: Early Childhood Education
Engineering and Science Technologies	Chemical Engineering · Electrical Engineering · Electronics · Mechanical Engineering	Engineering Design & Development · Principles of Engineering · Tolles: Engineering Technologies · Welding & Fabrication Technologies
Finance	Accounting · Banking · Financial Advisor · Financial Analysis · Insurance · Management	Accounting 1 & 2 · Marketing · Personal Finance · Careers & Money Management · Tolles: Senior Only CTE Business for the College-Bound
Government & Public Administration	Building Inspector · Government Property Inspector · Compliance Manager · Government Administration	Business Electives · Careers & Money Management · Tolles: Senior Only CTE Business for the College-Bound
Health Science	Advanced Patient Care · Biomedical Engineering · Biotech · Dental · Medical Assisting · Nursing · Occupational Therapy · Pharmacy · Physical Therapy · Radiology · Surgery	Health Professionals Academy · Tolles: Pharmacy Technician · Pre-Nursing · Pre-Veterinary Technician · Exercise Science · Senior Only STNA
Hospitality & Tourism	Management · Food Services · Culinary Arts · Lodging · Travel Agent	Tolles: Culinary Arts
Human Services	Mental Health Counseling · Social Work	Tolles: Cosmetology
Information Technology	Interactive Media · Network Systems · Programming · Tech Support · Web Developing	Computer Science Electives · Tolles: Cybersecurity
Law, Public Safety, Corrections & Security	Police · EMT · Legal Secretary · Lawyer · Paralegal · Forensic Technicians	Tolles: Criminal Justice · Firefighting/ Emergency Medical Service · Senior Only EMT
Manufacturing	Aerospace · Industrial Engineering · Industrial Technology · Materials · Manufacturing	Credential Programs · Engineering Electives · Tolles: Engineering Technologies · Welding & Fabrication Technologies
Marketing	Marketing Management · Public Relations · Sales	Business Electives · Tolles: Business Academy · Senior Only CTE Business for the College-Bound
Transportation, Distribution & Logistics	Automotive Technology · Aviation · Diesel Driver/ Mechanic · Freight Operations	Tolles: Automotive Technologies · Automotive Collision Repair · Power Sports & Auto Services · Senior Only Drone

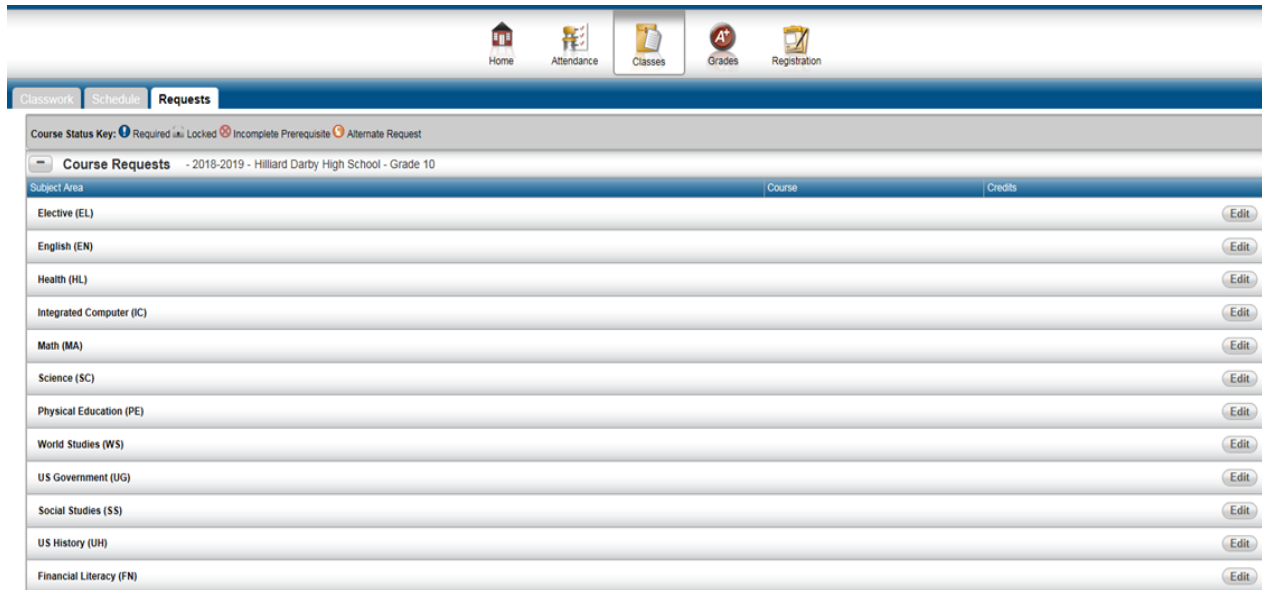
# Scheduling Tutorial

## Using Home Access Center to Choose Next Year Courses

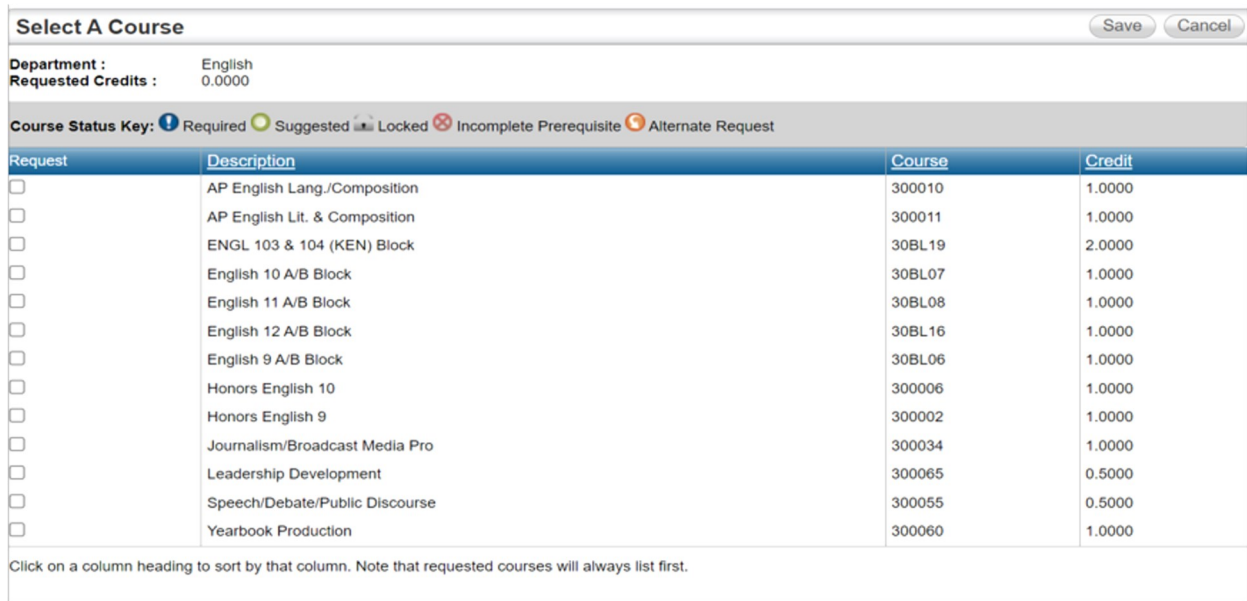
- √ To access Home Access Center from any browser, type <https://homeaccess.hboe.org> into the address bar.
- √ To access Home Access Center from your building website, click on the **Student Home Access** link.

The login page is simple and straightforward. Your Username and Password are the same as what you use to log into the network when you are at school.

1. Enter your username and password and then click the 'Log In' button. You will see several buttons across the top of the screen. Click on the 'Classes' button.
2. Click on 'Requests.' A screen similar to the one below will appear.
3. Click on the link for 'Edit' button at the end of the row next to the appropriate subject area.



A list of courses within that subject area will appear.



4. Click the box next to the course(s) you wish to request and then click 'Save.'

**Note:** Pay attention to the Course code. Some Descriptions are the same but the code will indicate if it is an online/dual enrollment course. Continue following your worksheet through each subject area until all of the desired courses have been requested. If you wish to remove a course, simply click on the Edit button for that subject area and uncheck the box in front of the course. Click Save.



## Schedule Changes/Course Level Changes/Repeating a Course

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### **Schedule Changes**

Planning a comprehensive master schedule for the next school year is time-intensive and, at times, a challenging task; however, school personnel recognize that situations may occur that warrant or require changes to a student's class schedule. These changes may impact class size, teacher assignments, and overall master schedule. The student and parent/guardian are urged NOT to plan a program of courses with the mindset that it can be easily changed or accommodated.

**All schedule changes require the completion of a schedule change form and conversation with a school counselor.**

**Schedule changes may require approval from building administration and may not be possible based on conflicts, course availability, and/or class size. It is important to realize that the master schedule is built based on student requests submitted during the prior school year. In order to be responsive and fiscally responsible, the number of class sections within each subject area and the availability of specific courses is based on these projections. Once classes are scheduled, it may be difficult to accommodate schedule changes as some course sections will be at capacity or may be offered at select times during the school day.**

The following reasons or circumstances may constitute a need for a schedule change:

1. Semester imbalances.
2. Replacement of successfully completed courses.
3. Schedule adjustments for educational options such as Mosaic, Personal Success Network, Post-Secondary Options, or other special educational opportunities.
4. Inappropriate course placement as dictated by prerequisite, final grade of previous courses, and/or staff recommendation.

### **Adding or Dropping a Course**

- Credit-bearing courses can be added to a student's schedule until the 5th day of the semester.
- The deadlines to withdraw from a semester-long credit-bearing course with no marks are:
  - \* Semester 1 - one week past the end of Quarter 1
  - \* Semester 2 - one week past the end of Quarter 3
- The deadline to withdraw from a year-long credit-bearing course with no marks is one week past the end of Quarter 1.

- Withdrawal from a credit-bearing course after the deadline will result in a withdraw failing grade (WF) if a student is failing the course or a withdraw passing grade (WP) if the student is passing the course noted on a student's transcript.
- Dropping a course may endanger a student's grade placement, graduation status, and/or athletic eligibility.
- Add/drop dates for College Credit Plus courses are based on the academic calendar of the applicable college or university.

**In order to maintain eligibility, OHSAA requires student-athletes to be registered for and passing five (5) courses each 9 weeks (not including physical education).**

### **COURSE LEVEL CHANGES**

Once a student, teacher, and/or parent recognizes that a student is inappropriately placed in a course, a course level change can be requested. While every effort will be made to accommodate course level changes, these requests may be difficult as some course sections will be at capacity or may be offered at select times during the school day that are prohibitive given a student's schedule. A level change down in a course is defined as moving from a specific AP course to the corresponding honors course or from a specific honors course to the corresponding conventional course. A student may transfer down to the corresponding course on or before the last day of the first grading period for first semester and the third grading period for second semester. A level change up in a course is defined as moving from a conventional course to the corresponding honors or AP course. A student may transfer up to the corresponding course in collaboration with the academic team.

### **REPEATING A COURSE**

Students may repeat courses that they have previously failed as a means of recovering credit or for which they received a passing grade that they would like to improve. Upon successful completion of a credit recovery or repeated course, the highest grade will be calculated into a student's GPA. Credits will only be awarded once for each passed course.

## Auditing a Course/Late Arrival & Early Release/Athletic Eligibility/ Zero Period/Grade Level Promotion

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### **Auditing a Course**

Students may audit a course, with principal approval, to improve their skills. The student must attend all classes, participate in all classroom activities, take all tests and quizzes, complete all homework assignments, and follow all teacher guidelines regarding classroom rules and behavior. The student will receive a grade on their report card each grading period, however it will be reflected on the transcript as an audit (AU) without credit or a grade, and a grade will not be averaged into the cumulative grade point average. Students must make arrangements for auditing a class during the first ten (10) school days. After that time, teacher recommendation and prior approval are required. Audited courses do not count as one of the five courses all students are required to take each semester.

### **Late Arrival and Early Release**

Juniors and seniors who are on track for on-time graduation may request a late-in or early-out during the scheduling process based on the following grade-specific credit requirements:

- Rising juniors who have earned 10 credits and are scheduled for at least 6 credits
- Rising seniors who have earned 16 credits and/or plan for on-time graduation approved by building principal and school counselor

Late arrival or early release may be dropped from a student's schedule if there is a change in academic standing. Students participating in credit flexibility, online coursework, early college programs, the personal success network, co-op/CBI, and/or mentorship may be permitted to have late-in/early-out with approval of the building principal as long as they are enrolled in a minimum of 6 credits of coursework.

### **Athletic Eligibility**

If you are an athlete, you must be signed up for at least 5 half credit classes each semester and carry the minimum GPA requirements as established by the district. **Physical Education classes do not count as 1 of the 5. It is recommended students take at least 6 classes each semester.** To be eligible, you also must pass at least 5 half credit classes with the required GPA. **This includes the nine weeks before the sport begins.** If you are unsure about your eligibility, please talk to your coach, the athletic department or your school counselor.

### **Zero Period**

Zero period class may be offered from 6:45 a.m. as an option for students in grades 9-12. Students who elect to take zero period are allowed to leave school one period early or take an extra course. Students who take zero period must provide their own transportation to and from school, be on time, and maintain good attendance. Zero period courses are offered strictly by the number of students who sign up. If there are not enough students to have a class, it will not be offered.

### **Grade Level Promotion**

The minimum student load is 5 & 1/4 credits for 9<sup>th</sup> graders and 5 credits for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> graders. You must exceed minimum load in order to meet graduation requirements. Students are not permitted more than two study halls per semester. Students are promoted to the next grade level upon completion of the following minimum credit requirements:

- 9<sup>th</sup> = satisfactory completion of 8<sup>th</sup> grade
- 10<sup>th</sup> = completion of 5 credits
- 11<sup>th</sup> = completion of 10 credits
- 12<sup>th</sup> = completion of 15 credits

These guidelines should be viewed as minimum. Usually a student will have earned more credits than are needed for promotion.

To be promoted to the next higher grade, a student in grades nine through twelve must meet above credit requirements. A student in grades nine through twelve, who fails a subject for the year, shall not receive credit for that subject and may be required to repeat the subject for proper credit.

# Gifted Services



= course is considered a gifted services for qualifying students.

Courses in which students receive college credit and courses with the icon are considered gifted services for students who have gifted identification in superior cognitive ability or the corresponding academic area. For example, AP English Language Composition is a gifted service for students identified gifted in superior cognitive ability and/or reading. Visual and performing arts courses that are indicated with the icon are considered gifted services for students who have gifted identification in superior cognitive ability or the corresponding visual or performing arts area.

## High School Courses

### English

AP English Language & Composition  
AP English Literature & Composition

### Math

AP Calculus AB  
AP Calculus BC  
AP Computer Science A  
AP Computer Science Principles  
AP PreCalculus  
AP Statistics

### Science

AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics

### Social Studies

AP European History  
AP Psychology  
AP U.S. Government  
AP U.S. History

### Superior Cognitive Ability only

French 4  
Spanish 4  
AP Macroeconomics  
AP Microeconomics

### Visual and Performing Arts

Art Portfolio  
AP 2-D Art and Design  
Chamber Orchestra  
Honors Chamber Orchestra  
Wind Ensemble  
Honors Wind Ensemble  
Jazz Ensemble  
Choir 400  
Honors Choir 400  
Academy VIBE 2: Adv. Audio and Video Production

## Middle School Courses

### Language Arts

Honors Language Arts 6  
Honors Language Arts 7  
Honors Language Arts 8  
Honors 7th Core Infusion-ELA/Science  
Honors 8th Grade Core Infusion-ELA/Science

### Math

Accelerated Math 6  
Accelerated Math 7  
Accelerated Math 7 Core Infusion  
Algebra 1  
Honors Geometry (gifted service for grade 8 only)

### Science

Honors Science 7  
Honors Science 8

### Social Studies

Honors Social Studies 7  
Honors Social Studies 8

### Visual and Performing Arts

Advanced Art 2D  
Advanced Art 3D  
Advanced Project Art and Ecology  
Concert Orchestra (gifted service for grade 7 only)  
Symphonic Band (gifted service for grade 7 only)

**NOTE:** CCP courses are available for students in grades 7-12. [See pages 19 - 25 for information.](#)

## Advanced Placement/Honors Courses

### **Advanced Placement (AP) Courses**

The Advanced Placement Program (AP) offers college level courses in various disciplines with the primary aim of preparing a student to master college level material while in a secondary school environment. AP offers a learning experience which is more challenging and requires more work and time than typical high school/college preparatory/honors courses.

The AP Exam is an option for students who wish to earn articulated college credit in the respective AP courses. The Exams are administered in May on national test dates established by the College Board. Scores range from 1 (lowest) to 5 (highest). The determination of an acceptable score, placement and whether or not credit is awarded is at the discretion of the receiving college/university. Regardless, the challenges of learning, preparing for, and taking the exam remain among the best experiences in preparing for college level learning. These courses that offer potential articulated college credit are designated throughout the Program of Studies with the following icon:



The fee for the AP exam is approximately \$99. In some cases (i.e., free/reduced lunch participants, hardship, etc.) partial fee waivers are possible. Students with learning disabilities may request extended time or special accommodations by filing paperwork with College Board at least two months prior to the exams.

In recognition of the challenges, higher expectations and requirements of AP courses, one additional point is awarded for each letter grade; i.e., A = 5.0, B = 4.0, C = 3.0, D = 2.0 in the grading scale. (The additional point will be awarded only after completion of the entire course.) **Students should obtain a complete understanding of the expectations and requirements of any AP course scheduled.**

### **Current AP courses offered include:**

2-D Art and Design  
Biology  
Calculus AB  
Calculus BC  
Chemistry\*  
Computer Science A  
Computer Science Principles  
English Language & Composition\*  
English Literature & Composition\*  
Environmental Science  
European History  
French Language and Culture\*/French 5  
Macroeconomics  
MicroEconomics  
Physics\*  
PreCalculus  
Psychology  
Spanish Language and Culture\* / Spanish 5  
Statistics\*  
U.S. Government & Politics  
U.S. History

### **Other courses with an additional 1.0 weighted grade:**

French 321\* & 323\*  
Spanish 321\*  
Engineering Design and Development (EDD)  
Most College Jumpstart Courses ([Click here](#) for more information)

**\*Denotes a course that may be offered for dual enrollment credit through Kenyon College as part of the Kenyon Academic Partnership (KAP)**

### **Honors Courses:**

In recognition of the challenges, higher expectations and requirements of Honors courses, .5 additional point is awarded for each letter grade; i.e., A = 4.5, B = 3.5, C = 2.5, D = 1.5 in the grading scale.

### **Current Honors courses offered include:**

Hon. English 9	Hon. Choir 400
Hon. English 10	Hon. Chamber Orchestra
Hon. Geometry	Hon. Physical Science
Hon. Algebra 2	Hon. Biology
Hon. Chemistry	Hon. Wind Ensemble
Hon. World Studies	

**These courses and point values are reviewed annually by the district Curriculum Department.**

# College Credit Plus

## What is College Credit Plus?

College Credit Plus is a program that gives high school/middle school students in grades 7–12 an opportunity to be enrolled in both high/middle school and college course work at the same time. Students must qualify academically and be accepted to participate in College Credit Plus. The tuition will be paid by Hilliard City Schools. By taking College credits, students will earn high school credit while taking college courses.

## Advantages of College Credit Plus

For the student who is eligible for College Credit Plus, he/she must be academically ready for college level courses and be willing to follow the procedures outlined by the university while still in high/middle school.

Students will enjoy the following benefits:

- Students may earn (transcribed) college credit and high school credit upon successful completion of the course
- Accelerate achievement of educational goals
- Eliminate duplication of high school and college course content
- Increase the rigor and challenge of course offerings while in high school
- May decrease time and cost towards an Associates or Bachelor's Degree

~CCP courses are considered “gifted services” for students who have gifted identification in superior cognitive ability or the corresponding specific academic area.

## Potential Risks and Consequences

- Increased responsibility for learning
- Reduced opportunities for participation in high school activities
- Affects GPA (high school and college)
- Increased time for travel
- Potential scheduling conflicts between high school and college courses
- Potential Athletic Eligibility issues- must be scheduled for five credits per semester
- Increase potential for social discomfort
- Reduced parent involvement, due to FERPA restrictions

Students can participate in any Ohio college or university that offers the CCP Program. This includes private institutions like Cedarville, Kenyon, Ohio Christian, etc. Below are the programs that most Hilliard students have participated in over the past eight years.

## What colleges/universities partner with Hilliard City Schools?

### 1. Kenyon College – Kenyon Academic Partnership (KAP)

These courses are taught by Hilliard City School's teachers that serve as adjunct instructors approved by Kenyon College at each high school. Students will have to meet pre-requisite criteria to be able to participate in KAP courses, which may limit availability until junior or senior year.

Kenyon awards credit based on a (unit) system. The unit system can be converted to a (semester) system that consists of:

- .25 unit equal 2 semester credits
- .50 unit equal 4 semester credits

Below is a list of Kenyon courses by title that will be identified on Hilliard City School's transcript:

• <i>Chemistry 121: Intro Chemistry I</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>Chemistry 123: Intro Chemistry Lab</i>	<i>.25 unit</i>	<i>2 semester credits = .67 HS credit</i>
• <i>Chemistry 124: Biophysical &amp; Medicinal Chemistry</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>Chemistry 126: Intro Chemistry Lab II</i>	<i>.25 unit</i>	<i>2 semester credits = .67 HS credit</i>
• <i>Physics 140: Classical Physics</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>Physics 131: Intro to Experimental Physics I Lab</i>	<i>.25 unit</i>	<i>2 semester credits = .67 HS credit</i>
• <i>ENGL 103: Intro. to Lit. &amp; Lang</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>ENGL 104: Intro. to Lit. &amp; Lang</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>SPAN 321: Adv. Grammar &amp; Comp.</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>

# College Credit Plus

- 
- |  |                 |   |
|--|-----------------|---|
| • <i>SPAN323: Spanish &amp; American Lit</i>     | <i>.50 unit</i> | <i>4 semester credits = 1.0 HS credit</i> |
| • <i>FREN 321: Adv. Comp. &amp; Conversation</i> | <i>.50 unit</i> | <i>4 semester credits = 1.0 HS credit</i> |
| • <i>FREN 323: Adv. Comp. &amp; Conversation</i> | <i>.50 unit</i> | <i>4 semester credits = 1.0 HS credit</i> |

## Kenyon College (KAP) requirements:

To participate in KAP, students must qualify and be admitted to Kenyon College. Students may use ACT/SAT scores as placement. An application must be filled out in the spring of each year that will be sent to Kenyon College for approval from a Kenyon faculty member. Students will be notified over the summer if they were approved for the Kenyon course. If students are not approved, they will need to change their schedules to the appropriate High School course.

### Steps in Review

**Step 1:** All students interested in participating in the Kenyon Academic Partnership must register the classes during Hilliard's registration or class selection process.

**Step 2:** Complete Kenyon application with College Counselor.

**Step 3:** Students must be approved by Kenyon faculty to participate.

## 2. Columbus State Community College (CSCC)

### College courses taken on campus or online

CSCC offers many (Level 1) courses your student can take either on-campus or in an online setting. Students can begin to complete these courses anytime in grades 7-12.

### College Jumpstart

These courses are offered at the Innovation Campus and are taught by either adjunct instructors approved by CSCC or full-time faculty. This is a two-year program where students take these courses at the ILC with other Hilliard students during the school day (Juniors and Seniors only).

Courses planned for the school year include:

#### Year 1

##### Autumn Semester:

- |  |   |
|--|---|
| • <i>ENGL 1100: Composition I</i>                          | <i>3 semester credits = 1.0 HS credit</i> |
| • <i>PSY 1100: Introduction to Psychology or POLS 1100</i> | <i>3 semester credits = 1.0 HS credit</i> |

##### Spring Semester:

- |  |   |
|--|---|
| • <i>ENGL 2367: Composition II</i>                           | <i>3 semester credits = 1.0 HS credit</i> |
| • <i>POLS 1100: Intro to American Government or PSY 1100</i> | <i>3 semester credits = 1.0 HS credit</i> |

**Total Year 1:**

**12 semester credits**

#### Year 2

##### Autumn Semester:

- |   |   |
|---|---|
| • <i>SOC 1101: Introduction to Sociology</i>                | <i>3 semester credits = 1.0 HS credit</i> |
| • <i>COMM 1105: Oral Communication or PHIL 1130: Ethics</i> | <i>3 semester credits = 1.0 HS credit</i> |

##### Spring Semester:

- |  |   |
|--|---|
| • <i>PHIL 1130: Ethics or COMM 1105: Oral Communication</i>  | <i>3 semester credits = 1.0 HS credit</i>         |
| • <i>Student Choice: Students will have a choice of an online course or a course taught on campus that aligns with their academic pathway.</i> | <i>3, 4 or 5 semester credits = 1.0 HS credit</i> |

**Total Year 2:**

**12, 13 or 15 semester credits**

**Total credits:**

**24 – 27 credits**



## College Credit Plus

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**Step 5:** Participate in an orientation – There is usually an on-line option

**Step 6:** Once students receive their confirmation email from CSCC, they must set up a CSCC email and check CSCC email to confirm course registration. Courses will show up in Cougarweb. If the courses are not confirmed within 48 hours, please contact the College Counselor

\*\*\* Once a student has qualified and been accepted into Columbus State’s CCP program, students will need to fill out a registration form prior to the start of each semester to schedule classes.

### Important Contacts:

- Mr. Trevor Maggied - [trevor\\_maggied@hboe.org](mailto:trevor_maggied@hboe.org)
- CSCC’s Academic Advisor for Hilliard Schools: Michelle Miller-Owens - 614-287-3942, [mmillero@cscce.edu](mailto:mmillero@cscce.edu)

### Deadlines for Registration!

- For Autumn classes—Students must have applied, taken placement tests/qualified and have been accepted by August 1
- For Spring classes—Students must have applied, taken placement tests/qualified and have been accepted by Dec. 17
- For Summer classes—Students must have applied, taken placement tests/qualified and have been accepted by May 10

\* All College Jump Start scheduling and qualifying must be completed before we leave for Spring Break each year. Hilliard must request sections and instructors to meet our needs for the following year.

If these deadlines are missed, students will need to schedule a meeting with Mr. Maggied to appeal for late scheduling.

## 3. The Ohio State University (OSU)

### The Academy at The Ohio State University

Students may take courses on main campus in a traditional college setting and/or participate in online courses if available.

#### The Ohio State University requirements:

- Step 1:** Students must apply to The Academy Program at OSU. Refer to the following link for more information: <http://undergrad.osu.edu/academy/howtoapply.html>
- Step 2:** Students must demonstrate college readiness by submitting ACT/SAT scores or by their cumulative GPA. Students must meet academic standards that are equal to students currently enrolled at OSU.
- Step 3:** Turn in counselor Recommendation Form to the College Counselor.
- Step 4:** Schedule a meeting with an academic advisor in admissions at OSU to schedule classes.

### CCP Questions & Answers

#### How does my child get involved in these programs?

Students interested in participating in College Credit Plus must turn in an **Intent to Participate** form which must be in the Guidance office by April 1st. This form can be found on the district website: [College Credit Plus - HCSD](#)

#### How are College credits converted to high school credits?

5 semester credits	=	1.0 high school credit
4 semester credits	=	1.0 high school credit
3 semester credits	=	1.0 high school credit
2 semester credits	=	.67 high school credit
1 semester credit	=	.33 high school credit

# College Credit Plus

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## How many college credits can a student earn?

Students can earn a maximum of 30 college semester credit hours per year and a maximum of 120 college semester credits prior to their high school graduation. The Ohio Department of Higher Education has established a formula that students must refer to when registering for middle school, high school and college courses. This formula is utilized to assure students do not exceed full-time status.

Full-time status can be calculated as follows:

1. Determine student's number of middle school and high school ONLY credits,
  2. Multiply that number by 3, and
  3. Subtract the result from the number 30
  4. That number is the total number of college credits that College Credit Plus students may earn that academic year.
- Any college course taken during the summer will count towards the 30 credit limit in the following school year.

## Transfer of credits/transcripts

Credits earned through College Credit Plus are transferable to many public and private institutions in Ohio and out of the state. Students who want to transfer to another university will need to send their transcript from the Institute of Higher Learning (IHL) to the university they plan to attend. Many of these courses apply towards the general education requirement or as electives at that school. Two websites are available to help students fully understand what courses will transfer:

[www.collegetransfer.net](http://www.collegetransfer.net) or [www.ohiohighered.org/transfer](http://www.ohiohighered.org/transfer)

## How will College Credit Plus courses impact my GPA?

Per HB 487, College Credit Plus courses must receive the equivalent weight as any weighted course within a given content area.

## Weighting Grades

Hilliard will “weight” college courses if a course is weighted at the high schools in a particular subject area, per Ohio Revised Code 3365.04. Most CCP courses will be weighted on a 5.0 scale. Any questions, please see Mr. Maggied.

## Underperforming students

### Probation:

A student is placed on CCP probation when the student:

- Has earned lower than a cumulative 2.0 GPA in college courses **OR**
- Withdraws/drop from two or more courses in the same term

When on CCP Probation, the student:

- May enroll in no more than one college course
- May not enroll in a college course in the same subject in which the student previously earned a D or F or received no credit
- Students remain on probation until their cumulative GPA (college) improves to 2.0 or higher

### Dismissal:

- A student is placed on CCP Dismissal when the student has met the definition of CCP Probation for two consecutive college terms.
- Once a student is dismissed from the CCP program, the student may not enroll in college courses for the following college term.

# College Credit Plus

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## Course Eligibility

Students must complete 15 credit hours in Level 1 before progressing to Level 2.

### Level 1

- Transferable courses: Part of Career-Technical Assurance Guide (CTAG), Ohio Transfer Module (OTM), or Transfer Assurance Guide (TAG) or equivalent at private college/university. Go to [www.ohiohighered.org/ohio-transfer-36](http://www.ohiohighered.org/ohio-transfer-36) for a full list.
- Course in Computer Science, Informational Technology, Anatomy, Physiology, or Foreign Language including American Sign Language
- Technical Certificate
- 15 hour or 30 hour pathway
- Study Skills, Academic or Career Success Skills Course
- Internship course
- Another course that may be approved by the Chancellor on an annual basis

### Level 2

- Any other college course that is not a level 1 courses

*Exceptions to the "First 15" Rule may be made if the student wishes to continue with a course in the same subject or tests directly into Level 2 course. Students who attained the required scores on AP or IB course examinations may count the course toward the First 15.*

## Text Books

Students do not pay for books that are required with the CCP program. Hilliard City Schools will pay for the books. All books must be returned to the College Counselor at the end of the semester. Hilliard City Schools owns the books and if materials are not returned, then Hilliard City Schools will add the cost of the books to the students fees. All textbooks are available at the college/university bookstore.

## Selective Service Requirement

Under the provision of the Ohio Revised Code 3345.32, a male student born after December 31, 1959 who is at least 18 years old and is classified as an Ohio resident is required to register with the Selective Service within 20 days of his 18th birthday. If this is not completed, students will be charged "out of state" fees. Hilliard will not pay for "out of state" fees. The total cost of the course will be paid by the family.

## Transportation

Students/Parents are responsible for transportation. Ohio Revised Code 3365.034, 3365.08.

## FERPA (Family Educational Rights and Privacy ACT)

College Credit Plus students are college students and subject to the federal FERPA. For regular college students, this means that college records are not released to anyone, even parents, without written permission from the student. For College Credit Plus students, the high school and the college may exchange information.

## Cost

**Students only pay for classes that are failed or withdrawn/dropped past the deadline.** Fees will be placed on a student's Home Access Account.

## Important Notice to Parents and Students

- Students taking College Credit Plus courses are subject to the rules and regulations of the university they are currently attending, including add/drop dates established by the participating institution.
- Each student will be assigned an "Academic Advisor" from the University. Any questions regarding curriculum should be addressed with the Academic Advisor provided by the University.
- While in college courses, students are introduced to a learning environment that promotes an open exchange of ideas. Course content is presented on an adult level and class discussions require a mature understanding of divergent viewpoints and the ability to think critically on controversial issues.
- Mature Content: Students must sign a students questionnaire regarding "Mature Content Material" as defined in Ohio Revised Code 3365.035

## College Credit Plus

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- Students should understand that these courses are college-level courses, and the amount of work, pace, and rigor of content in college courses may be much greater than high school courses. In addition, college course grades become a part of a student's permanent college transcript and are calculated into the college grade point average. Poor performance in college courses may affect future university admissions and financial aid. Therefore, it is important to perform well in college courses to realize the benefits of taking college courses while in high school.
- **If a student fails any college course the cost for tuition, fees, and books will be charged to the student's account in Hilliard.**
- Students must meet prerequisite requirements outlined by the University or College in which they are attending.
- These courses and the grades associated with them will be reported on both the student's high school transcript as well as the college transcript.
- College transcripts can be requested by visiting the respective college or university website associated with the courses taken. Hilliard City Schools does not have access to college transcripts.
- Students and parents must sign a Permission Form to participate in a college CCP program.

# Credit Flexibility

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In compliance with Senate Bill 311, the Hilliard City School District offers students the opportunity to earn high school credit(s) through a credit flexibility program. “Credit flex” shifts the focus from evaluating student learning based on “seat time” to assessing students’ demonstrated academic and skill level or performance.

With “Credit Flex,” students will have options to show what they know, earn credits, and move on to higher-order content. Students can choose to customize aspects of their learning around their interests and needs, which might include flexible schedules and a choice of modalities (e.g., online learning and community-based projects), as well as options to pursue niche interest areas and combine subjects.

There are two types of Credit Flexibility:

1. “Course Proficiency” is testing out of and earning credit for a high school course through the successful completion of an assessment.
2. “Educational Options” allows students to earn credit through the creation of and completion of a student-designed or district pre-approved project/proposal.

Students interested in learning more about credit flexibility options should contact their school counselor for details. **It is important to note that there are specific guidelines and timelines that have been established and must be followed in order to be considered for participation in the Hilliard City Schools’ credit flexibility program.**

Any credit earned through “Educational Options” does **NOT** count toward athletic eligibility requirements.

Additional details about each of these options can be found on the school district website. Go to [www.hilliardschools.org](http://www.hilliardschools.org) > **student tab** > **credit flex program**. Students are still required to complete a credit flexibility application and adhere to defined criteria deadlines.

## Credit Flexibility Guidelines

### Course Proficiency:

#### **1. All courses listed in the Hilliard City Schools’ High School Program of Studies are eligible for the credit flexibility option.**

- All Hilliard City School District students are eligible to participate in the credit flexibility option for course proficiency; this includes students who have not yet taken a course or students who may have previously taken and failed a course.
- Students who demonstrate proficiency (through a written assessment and/or performance-based assessment) in a course will earn the credit as assigned to the course in the district program of studies.
- Credit will be issued for an assessment score of 70% or higher; a score of 80% or higher is recommended to move on to the next course in a content area; however, this is not required unless otherwise stated in a course prerequisite. **Note that a score below 70% will result in an “F” on the student’s official transcript.**
- Students can elect to receive a letter grade (as determined by performance on the assessment) or a “P” for passing on their transcript. Students must notify their school counselor of this decision within two weeks of receiving score; otherwise, the letter grade will be used. The assessment score will be the final grade awarded. **The final grade will appear on the transcript; there will be no exceptions to this rule.**

## Credit Flexibility

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### 2. Course proficiency assessments will adhere to the following general guidelines:

- Written exams will be approximately two hours in length.
- A lab or performance component (e.g. lab work, physical activity, speech, painting) may be part of the assessment; however, these elements will be separate and during an additional period of time; the overall assessment time for a single course should not exceed four (4) hours.
- Students may be asked to bring sample work (pieces of artwork, writing, research paper etc.) to the assessment to demonstrate elements of a course not able to be assessed during an exam time. In other words, students may be asked to bring the types of work they would typically be required to do during the traditional course.
- A study guide will be available for each course proficiency exam outlining concepts/standards to be covered on the assessment. Study guides will be available for student access on the district's website. Go to [www.hilliardschools.org](http://www.hilliardschools.org) > student tab > credit flex program > study guides.
- Study guides and details about assessment requirements will be available approximately 30 days before the assessment period.

### 3. Course proficiency assessments will be administered three (3) times a year during designated times only.

- Designated times for course proficiency exams will be as follows: (1) August – dates/times to be established by each department; (2) December – during semester exams; (3) May – during final exams.
- A student may not take a proficiency assessment for a course once he/she is enrolled in the course; however, a student may elect, during the drop/add time at the beginning of a course, to drop a course and register to take the course proficiency assessment. A semester course must be dropped within the first ten (10) days and a year-long course must be dropped within the first nine (9) weeks to avoid a “W” from appearing on the transcript.

- After failing a course, a student may register for the next round of course proficiency testing for that course as a means of credit recovery. Normal grade replacement guidelines will apply.
- A student may retake a course proficiency assessment one time for each course. Normal grade replacement guidelines will apply.
- Students who elect to earn credit through the course proficiency option must complete and submit the attached application to the guidance office for each course they plan to flex.
- The application deadlines for course proficiency assessments are as follows: **October 3, 2025 for the December assessment; March 6, 2026 for the June assessment; May 1, 2026 for the August assessment.**
- A letter will be mailed home confirming receipt of the application. Students will be notified of the assessment date, time, and location approximately 30 days prior to the assessment.
- The final score earned on the assessment will be mailed home.
- Appeals regarding the Course Proficiency assessment should be submitted in writing to the Assistant Superintendent who oversees Curriculum & Instruction.

# Credit Flexibility

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## Educational Options

### 1. Credit can be earned through Educational Options Credit Flexibility in all content areas (departments) within the Hilliard City Schools' High School Program of Studies.

- All high school students are eligible to participate in Educational Options Credit Flexibility. **Credit can only be earned for learning experiences beginning with the ninth grade year.**
- Credit can be granted for a specific course or department credit, depending on the scope of the project and student proposal.
- The amount of credit awarded will depend on the scope of the learning experience; in general 120 hours equates to .5 credit.
- Credit will be issued for a project review score of 70% or higher; a district rubric is attached to this application that will be used to evaluate projects.
- Students can elect to receive a letter grade (as determined by the rubric score) or a "P" for passing on their transcript. The student must notify his/her school counselor of this decision within two weeks of receiving score; otherwise, the letter grade will be used. The rubric score will be the final grade awarded. **The final grade will appear on the transcript; there will be no exceptions to this rule.**

### 2. Students wishing to earn credit through Educational Options Credit Flexibility must develop a formal proposal and submit it to the guidance office.

- Students who elect to earn credit through educational options must complete and submit the attached application and proposal form.
- The deadlines for submitting proposals are **August 8, 2025, November 14, 2025, and April 24, 2026**; students will be notified of approval/disapproval of their proposal approximately thirty (30) days after the established deadline. Note, that, regardless of the submission date, the committee will not review the proposal until after the next established deadline date, and the project cannot start until after approval by the District Credit Flexibility Committee.
- Any credit earned through "Educational Option" does NOT count toward athletic eligibility.
- Students must identify a mentor for their project; the mentor does not have to be a school employee; however, the mentor must be an "expert" in the content area for proposed work (i.e. a license, certification, and/or degree is required in the field of study). The proposed mentor must be approved by the District Credit Flexibility Committee.

- Credit will not be issued for any projects retroactively; students must adhere to designated deadlines and follow the application/proposal process. Projects cannot start until after approval notification by the District Credit Flexibility Committee.
- Any cost associated with completing the educational options proposal (i.e. fee for a non-district created assessment to demonstrate proficiency in a course not offered by the Hilliard City Schools) is the responsibility of the student.

### 3. A District Credit Flexibility Review Committee will serve students at all three high schools. This committee will be facilitated by the Director of Secondary Education with representation from all three high schools.

- The District Credit Flexibility Review Committee will review and approve all Educational Options proposals.
- At the conclusion of the learning experience, students will be required to schedule a presentation time with the Credit Flexibility Review Committee. Presentation dates for 2024/2025 are as follows: **September 5, 2025, January 9, 2026, May 8, 2026 and September 4, 2026.**
- Students will be required to develop and present a product or products (reflection paper, portfolio, etc.) to the Committee for review; the student's mentor must be present at the presentation. Review the attached rubric for project/presentation assessment expectations. The Committee will ultimately determine whether or not credit is issued to the student; credit will be granted for what students learn from their experiences, not just having experiences.
- Appeals of any decision made by the District Credit Flexibility Committee should be submitted in writing to the Director of Innovation and Extended Learning.

# College Preparatory Curriculum

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 from institution to institution (in-state, out-of-state, public, private, etc.). Some programs may require more extensive preparation in specific subject areas. **Refer to the guidelines of the university of your choice.**

Subject	Credit	
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 Theatre Studies and all courses in Art, Performing Arts, and Music Department except Color Guard.

## 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 A & B / Honors English 9 A & B	1
Algebra 1 A & B / Geometry A & B	1
Biology A & B / Honors Biology A & B	1
World Studies A & B / Honors World Studies A & B	1
World Language	1
Physical Education	.25**
Future Ready	0.5
Elective	1*

10th Grade	Credit
English 10 A & B / Honors English 10 A & B	1
Geometry A & B / Algebra 2 A & B / Honors Algebra 2 A & B	1
Physical Science A & B / Honors Physical Science A & B / Chemistry A & B / Honors Chemistry A & B	1
US History A & B / AP US History	1
World Language	1
Physical Education	.25**
Health	0.5
Elective	1*

11th Grade	Credit
Eng. 11 A & B / AP English Language	1
Algebra 2 A & B / AP PreCalculus / AP Statistics / College Algebra A & B	1
Chemistry A & B / Honors Chemistry A & B / Physics A & B / AP Environmental Science	1
US Government A & B <u>or</u> AP US Government	1
World Language	1
Elective	1*

12th Grade	Credit
AP English Literature & Comp	1
AP PreCalculus / AP Statistics / AP Calculus / College Algebra	1
Science (1) or AP Physics/Chemistry (1.5) / AP Environmental Science	1 or 1.5
AP European History / AP US History / SS Elective / AP Psychology (Psychology / Sociology 1/2 each)	1
Electives	1-3*

\*Elective should include one credit in the Arts, as well as courses in Pre-Engineering/Computer Science, Social Studies and/or English. Students need to complete a financial literacy elective.

\*\*Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading ([click here](#) for more information). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.0 credits). **Students must meet all criteria for the physical education waiver prior to the start of the senior year.**

# SchoolLinks/PSAT

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**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, 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 an individualized career and academic plan that best reflects their post-secondary goals. SchoolLinks at Hilliard City Schools is accessible in 6th-12th grades by students and their parents.

SchoolLinks features are incredibly user-friendly and were designed to streamline the college and career readiness workflow for counselors and staff.

### **Using SchoolLinks, students and families can:**

- Access career interest, strength and mindset surveys
- Explore 2-year and 4-year colleges
- 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
- Explore traditional, emerging and military career fields
- Create digital portfolios / resumes
- Communicate with counselors
- Build their OH Grad Plan

## College Admissions Testing

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

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 PSAT offers students and their parents an opportunity to evaluate critical reading, mathematical and writing skills, which are considered necessary for a successful experience in higher education. Students with learning disabilities (IEP, 504, etc.) may request extended time or special accommodations by completing the paperwork by early Spring of the Freshman year, in advance of registration deadlines. Forms may be obtained from the school counselor **or** the student's intervention specialist. Permission for extended time must come from the College Board.

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

African American and Hispanic students who wish to participate in the National Achievement Scholarship Program for outstanding African American students or the National Hispanic Recognition Program must take the PSAT.

## SAT/ACT/District Post-Secondary Counseling/College Visits/ College Representatives/Transcripts

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### **The Admissions Testing Program (SAT Reasoning and SAT Subject Tests) & The American College Testing Program (ACT)**

Many colleges require one or more of these examinations for admission. Admissions test requirements are determined by individual colleges. The tests include the Scholastic Assessment Test (SAT Reasoning), 20 SAT Subject Tests in academic subjects and the American College Testing (ACT) program.

The ACT and SAT are used by many colleges for admission. The ACT 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.

ACT examinations are given in September, October, December, February, April, June and July. College bound Juniors should consider taking the ACT in the winter or spring of their junior year. Information bulletins and registration forms are available in the Counseling Office. For further information and to register online, go to: [www.ACT.org](http://www.ACT.org), [www.ACTstudent.org](http://www.ACTstudent.org)

**School Codes:** Davidson — 362570  
Darby — 362571  
Bradley — 365198

The SAT 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 is offered in August, October, November, December, March, May and June. Seniors are encouraged to take the test no later than the first semester with college deadlines in mind. **The State of Ohio will pay for all 11th grade students to take the SAT exam during a one-time statewide test in the Spring.**

The SAT Subject Tests measure what has been learned in specific subject areas. Generally, selective colleges require two to three SAT Subject Tests. Juniors can take SAT Subject Tests in May or June if they finish a subject such as AP language or AP science, AP history, etc. and wish to have a score available. Bulletins of information and registration forms are available in the Counseling Office. For further information and to register online, go to [www.SAT.org/register](http://www.SAT.org/register).

### **PSAT 10**

The PSAT 10 test will be given to all Sophomores to prepare them for taking the SAT test. The District will pay for this test, which will be given during their 10th grade year.

### **District Post-Secondary Counseling Services**

Students and their families are encouraged to use the post-secondary counseling services available at each high school.

Guidance is available in college planning, the college application process, financial aid, College Credit Plus options and scholarship Searches.

### **College Representative Sessions**

Representatives from various colleges and universities visit our high school during the school day to share information with prospective students. Students **MUST** sign up through your SchoolLinks account.

### **College Campus Visits**

Seniors and juniors are permitted up to three absences during the school year to visit a college/university. Sophomores and freshmen must have prior approval from their counselor to take a school recognized college visit.

### **Transcripts**

Requests for transcripts of high school grades are made through your SchoolLinks account. Students and their school counselor receive a time stamp when colleges/universities receive their transcript and/or application.

# NCAA



## Division I Academic Requirements

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

### Core-Course Requirement

Complete 16 core courses in the following areas:

- Four years of English
- Three years of math (Algebra 1 or higher)
- Two years of natural or physical science (including one year of lab science if offered)
- One additional year of English, math or natural/physical science
- Two years of social science
- Four year additional courses (any area listed above, foreign language or non-doctrinal religion/philosophy)

#### FULL QUALIFIER

- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the start of your seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.30.
- Submit your final transcript with proof of graduation to the Eligibility Center.

#### ACADEMIC REDSHIRT

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.00.
- Submit your final transcript with proof of graduation to the Eligibility Center.

### Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

### Academic Redshirt

College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

### Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

### Hilliard City Schools Non-Approved Core Courses for NCAA Eligibility:

- Pre-Algebra Concepts
- American History Through Film

For more information, please visit: [http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/DI\\_ReqsFactSheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DI_ReqsFactSheet.pdf)

**International Students:** Please visit: [ncaa.org/international](http://ncaa.org/international) for information and academic requirements specific to international student-athletes.



## Division II Academic Requirements

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

### Core-Course Requirement

Complete 16 core courses in the following areas:

- Three years of English
- Two years of math (Algebra 1 or higher)
- Two years of natural or physical science (including one year of lab science if offered)
- Three additional years of English, math or natural/physical science
- Two years of social science
- Four year additional courses (any area listed above, foreign language or nondoctrinal religion/philosophy)

#### FULL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.20.
- Submit your final transcript with proof of graduation to the Eligibility Center.

#### PARTIAL QUALIFIER

If you have not met all of the Division II academic standards, you will be deemed a partial Qualifier.

#### Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

#### Partial Qualifier

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

#### Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

#### Hilliard City Schools Non-Approved Core Courses for NCAA Eligibility :

- Pre-Algebra Concepts
- American History Through Film

For more information, please visit [http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/DII\\_ReqsFactSheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DII_ReqsFactSheet.pdf)

**International Students:** Please visit [ncaa.org/international](http://ncaa.org/international) for information and academic requirements specific to international student-athletes.

## Course Offerings

### Academies

Course Name	Credit
**Academy EDU Yr. 1/Yr. 2	2.00-4.00
**Academy VIBE	2.00
**Academy VIBE 2	2.00
Aviation Academy	3.00
**Career Mentorship Yr. 1/Yr. 2	1.00
**Code U Level 1/Level 2	1.00
**College Jumpstart Yr. 1/Yr. 2	Varies
**Health Professional Academy	3.00

### Art

Course Name	Credit
100L45 2D Visual Art - Drawing/Painting (online)	.50
100L40 2D Visual Art - Photo/Digital (online)	.50
100049 AP 2-D Art and Design	1.00
100040 Art Portfolio	1.00
100005 Ceramics 1	.50
100006 Ceramics 2	1.00
100007 Ceramics 3	1.00
100008 Ceramics 4	1.00
100001 Drawing 1	.50
100002 Drawing 2	.50
100003 Drawing 3	1.00
100035 Media Arts 1	.50
100036 Media Arts 2	1.00
100025 Painting 1	.50
100026 Painting 2	.50
100027 Painting 3	1.00
100030 Photography 1	.50
100031 Photography 2	1.00
100032 Photography 3	1.00
100020 Sculpture 1	.50
100021 Sculpture 2	.50

### Business

Course Name	Credit
150004 AP Macroeconomics	.50
150007 AP Microeconomics	.50
150005 Accounting 1	.50
150006 Accounting 2	.50
150002 *Business Explorations	.50
150045 *College Fundamentals	.50
150003 Entrepreneurship	.50
150001 *Future Ready	.50
150030 Marketing	.50
150035 *Personal Finance	.50
150050 Sports & Entertainment Mgmt.	.50

### English Language Arts

Course Name	Credit
30BL06 *English 9A/B	1.00
30BL01 Honors English 9A/B	1.00
30BL07 *English 10A/B	1.00
30BL02 Honors English 10A/B	1.00
30BL08 *English 11A/B	1.00
30BL16 *English 12A/B	1.00
30BL19 ENG 103 & 104 Intro to Lit & Lang	1.00
300010 AP English Language & Composition	1.00
300011 AP English Literature & Composition	1.00
300034 Journalism & Broadcast - Media Production	1.00
300065 *Leadership Development	.50
300055 *Speech, Debate & Public Discourse	.50
300060 Yearbook Production	1.00
30BL26 EL- English 1A/B	2.00
30BL27 EL- English 2A/B	2.00
30BL28 EL- English 3A/B	1.00
30BL30 EL- English 4A/B	1.00
30OL02 Media Awareness (online only)	.50

### Family & Consumer Science

Course Name	Credit
350001 Careers and Money Management	.50
350015 Culinary Cuisine	.50
350020 Global Gourmet	.50
350025 Financial Independence	.50

### Intervention

Course Name	Credit
50BL08 Pre-Algebra Concepts A/B	1.00
50BL19 Algebra 1 Concepts A/B	1.00
50BL20 Geometry Concepts A/B	1.00
50BL21 Algebra 2 Concepts A/B	1.00
45RR01 Adaptive Physical Education	.25
85RR01 Supported Studies 1	.25
85RR02 Supported Studies 2	.25
85RR03 Decisions	.50
Career & Employability Development 1A/B	.50-2.00
Career & Employability Development 2A/B	1.00-2.00

### Mathematics

Course Name	Credit
50BL01 *Algebra 1A/B	1.00
50BL07 Algebra 1 w/Workshop A/B	2.00
50BL11 *Geometry A/B	1.00
50BL13 Honors Geometry A/B	1.00
50BL17 Data Science Foundations A/B	1.00
50BL22 Math Modeling and Reasoning A/B	1.00
50BL09 *Algebra 2A/B	1.00
50BL29 Honors Algebra 2A/B	1.00
50BL02 *College Algebra A/B	1.00
500054 AP PreCalculus	1.00
50BL27 Calculus A/B	1.00
500055 AP Calculus AB	1.00
500056 AP Calculus BC	1.00
50BL28 Statistics A/B	1.00
500046 AP Statistics	1.00

\*Course also offered online    \*\*Offered only at the Innovation Campus

## Course Offerings

### Performing Arts

Course Name	Credit
650015 Concert Band	1.00
650016 Symphonic Band	1.00
650017 Wind Ensemble	1.00
650018 Honors Wind Ensemble	1.00
650020 Percussion Ensemble	.50
650025 Concert Choir - Soprano	1.00
650026 Concert Choir - Tenor	1.00
650027 Choir 300	1.00
650028 Choir 400	1.00
650029 Honors Choir 400	1.00
650031 Chamber Ensemble	1.00
650035 Concert Orchestra	1.00
650036 Symphony Orchestra	1.00
650037 Chamber Orchestra	1.00
650038 Honors Chamber Orchestra	1.00
650040 Jazz Ensemble	1.00
650045 Music Theory 1	1.00
650046 Music Theory 2	1.00
650050 Music History 1	1.00
650051 Music History 2	1.00
650055 Color Guard	.25

### Pre-Engineering

Course Name	Credit
210001 Introduction to Engineering Design	1.00
210002 Principles of Engineering	1.00
210003 Digital Electronics	1.00
210004 Engineering Design & Development	1.00
210011 Engineering Design Women in Engr.	1.00

### Science

Course Name	Credit
55BL02 *Biology A/B	1.00
55BL10 Honors Biology A/B	1.00
55BL01 *Physical Science A/B	1.00
55BL15 Honors Physical Science A/B	1.00
550010 Human Anatomy & Physiology 1	.50
550011 Human Anatomy & Physiology 2	.50
55BL08 Scientific Principles of Sustainability A/B	1.00
55BL16 Chemistry A/B	1.00
55BL17 Honors Chemistry A/B	1.00
55BL18 Physics A/B	1.00
550020 Astronomy	.50
550040 *Freshwater and Marine Ecosystems	.50
550035 Introduction to Forensic Science	.50
550008 AP Biology	1.50
550028 AP Chemistry	1.50
550014 AP Environmental Science	1.00
550031 AP Physics C: Mechanics, Electricity & Magnetism	1.50
550032 AP Physics C: Mechanics	1.00
550L15 Environmental Science (online only)	.50

### Social Studies

Course Name	Credit
60BL01 *World Studies A/B	1.00
60BL10 Honors World Studies A/B	1.00
60BL02 *U.S. History A/B	1.00
600008 AP U.S. History	1.00
60BL04 *U.S. Government A/B	1.00
600050 AP U.S. Government	1.00
600012 Community Action Planning	.50
600013 Post World War 2 America	.50
600014 Contemporary World Issues	.50
600015 Sociology	.50
600020 Social Psychology	.50
600023 *American History Through Film	.50
600055 AP European History	1.00
600070 AP Psychology	1.00

### Wellness

Course Name	Credit
450010 *Health 10	.50
450015 Sports Medicine 1	.50
450016 Sports Medicine 2	.50
450021 Sports and Fitness	.25
450022 Aerobics, Body Sculpting, and Fitness	.25
450023 Basic Strength Training and Fitness	.25
450026 Strength Training and Conditioning for HS Female Athletes	.25
450040 Strength Training and Conditioning for HS Athletes I	.25
450041 Strength Training and Conditioning for HS Athletes II	.25
450L05 Physical Education I (online only)	.25
450L06 Physical Education II (online only)	.25

### World Language

Course Name	Credit
40BL01 French 1A/B	1.00
40BL02 French 2A/B	1.00
40BL11 French 3A/B	1.00
400004 AP French 4	1.00
40DE04 KAP French 4	1.00
400005 French 5	1.00
40DE05 KAP French 5	1.00
40BL05 Spanish 1 A/B	1.00
40BL06 Spanish 2A/B	1.00
40BL12 Spanish 3A/B	1.00
400024 AP Spanish 4	1.00
40BL15 KAP Spanish	1.00
400025 Spanish 5	1.00
400044 Spanish for Spanish Speakers Yr 1	1.00
400045 Spanish for Spanish Speakers Yr 2	1.00
40BL07 Chinese 1A/B	1.00
40BL09 Chinese 2A/B	1.00
40BL13 Chinese 3A/B	1.00
400034 Chinese 4	1.00
400035 Chinese 5	1.00
40BL08 American Sign Language 1A/B	1.00
40BL10 American Sign Language 2A/B	1.00
40BL14 American Sign Language 3A/B	1.00

\*Course also offered online    \*\*Offered only at the Innovation Campus

# Course Descriptions

## Icon Key



Course fulfills a specific graduation requirement



Course is available online



College credit can be earned through this course



Course is considered gifted service for qualifying students



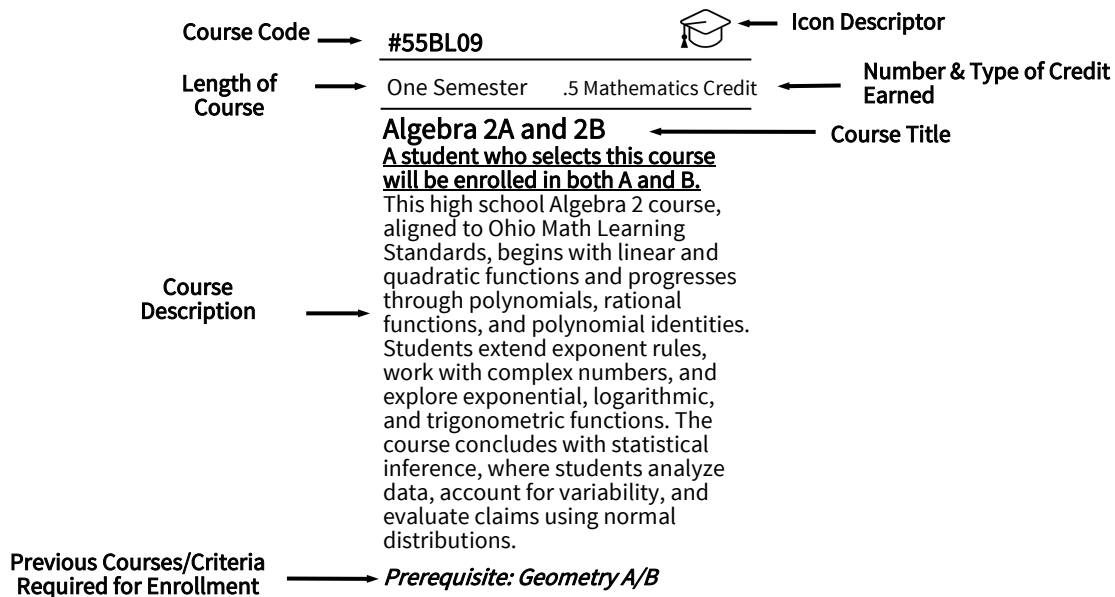
Course fulfills the financial literacy graduation requirement



New course offerings



Students have the opportunity to earn industry-recognized credentials



**NOTE:** All courses offered are based on full capacity. If enrollment is not at capacity, the course may not be offered.

# Art

## Fine Arts Graduation Requirement (1 credit unless 2 semesters completed in middle school)

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**#100001**

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One Semester .5 Fine Arts Credit

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**Drawing 1**

This is an entry level course which will introduce students to a variety of drawing techniques, but using predominantly graphite. Charcoal and colored pencil are not introduced until Drawing 2

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**#100002**

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One Semester .5 Fine Arts Credit

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**Drawing 2**

This is an intermediate level course that is designed for students who wish to increase their drawing skills. It will build on the foundation skills of Drawing 1 with an added emphasis on personal expression and technical mastery. A variety of media will be explored.

*Prerequisites: Drawing 1*

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**#100003**

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Two Semesters 1 Fine Arts Credit

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**Drawing 3**

This course is for the serious drawing student with an emphasis on technical mastery and portfolio development. A variety of media will be employed. Students will be encouraged to enter regional and state art competitions. Depending upon student projects, additional art supplies may need to be purchased.

*Prerequisites: Drawing 2*

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**#100025**

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One Semester .5 Fine Arts Credit

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**Painting 1**

This is an entry level course which will introduce students to a variety of wet media such as watercolor and acrylics. Emphasis will be on basic drawing and painting foundation skills for successful painting.

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**#100026**

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One Semester .5 Fine Arts Credit

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**Painting 2**

This is an intermediate level course that is designed for students who wish to increase their painting skills. It will build on the foundation skills of Painting 1 with an added emphasis on personal expression and technical mastery. A variety of media will be explored.

*Prerequisites: Painting 1*

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**#100027**

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Two Semesters 1 Fine Arts Credit

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**Painting 3**

This course is for the serious painting student with an emphasis on technical mastery and portfolio development. A variety of media will be employed. Students will be encouraged to enter regional and state art competitions. Depending upon student projects, additional art supplies may need to be purchased. Students will be encouraged to explore their own interests of media and subject matter.

*Prerequisites: Painting 2*

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**#100030**

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One Semester .5 Fine Arts Credit

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**Photography 1**

This is an entry level course which will introduce students to photographic processes. Emphasis will be on basic composition skills and creating a successful photograph. Students will be expected to complete work outside of class and will need to provide their own camera. Instructors will specify camera model and/or type. Students and parents need to be aware that this can be a costly course.

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**#100031**

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Two Semesters 1 Fine Arts Credit

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**Photography 2**

This is an advanced level course which will explore photographic processes. Emphasis will be on advanced composition skills and successful imaging, as well utilizing the camera as a creative tool. Students will be expected to complete work outside of class and will need to provide their own camera. Instructors will specify camera model and/or type. Students will learn matting and/or mounting skills and be encouraged to enter regional and state art competitions.

*Prerequisites: Photography 1*

# Art

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**#100032**

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Two Semesters 1 Fine Arts Credit

**Photography 3**

This is an advanced level course which will explore photographic processes. Emphasis will be on portfolio development. Students will be expected to complete work outside of class and will need to provide their own camera. Instructors will specify camera model and/or type. Students will learn matting and/or mounting skills and be encouraged to enter regional and state art competitions.

*Prerequisites: Photography 2*



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**#100035**

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One Semester .5 Fine Arts Credit

**Media Arts 1**

This course is an introduction to making Conceptual and Commercial Digital Art. Students will gain valuable experience by exploring and creating in Adobe Illustrator. Emphasis will be on both technical skills and creative art-making. Students will have the opportunity to earn the Adobe Illustrator Credential.

**Credential: Adobe Suite (4)**

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**#100036**

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Two Semesters 1 Fine Arts Credit

**Media Arts 2**

This is an advanced course focused on making Conceptual and Commercial Digital art in still and time-based media. Students will use a variety of computer programs and/or software. Emphasis will be on development of advanced technical skills, creative art-making and portfolio building.

*Prerequisites: Media Arts 1*

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**#100005**

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One Semester .5 Fine Arts Credit

**Ceramics 1**

This is an entry level course which will introduce students to a variety of hand-building methods for working with clay. The course will emphasize design concepts and ceramic techniques.

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**#100006**

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Two Semesters 1 Fine Arts Credit

**Ceramics 2**

This is the beginning course for the student who wants to learn to throw on the Potter's Wheel. It will increase and build upon the foundation skills of Ceramics 1 with a focus on exploration of the potter's wheel and advanced hand-building techniques. Students will also have the opportunity to experiment with a variety of glazing and firing techniques.

*Prerequisites: Ceramics 1*

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**#100007**

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Two Semesters 1 Fine Arts Credit

**Ceramics 3**

This course is for the serious art student and those who wish to increase their ceramic skills. It will build on the foundation skills of Ceramics 2 with an added focus on personal expression and portfolio development. Students will have the opportunity to choose their preferred construction methods. Students will be encouraged to enter regional and state competitions.

*Prerequisites: Ceramics 2*

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**#100008**

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Two Semesters 1 Fine Arts Credit

**Ceramics 4**

This course is for the serious art student and those who wish to increase their ceramic skills. It will build on the foundation skills of Ceramics 3 with an added focus on personal expression and portfolio development. Students will have the opportunity to choose their preferred construction methods. Students will be encouraged to enter regional and state competitions.

*Prerequisites: Ceramics 3*

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**#100020**

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One Semester .5 Fine Arts Credit

**Sculpture 1**

This is an entry level course which will introduce students to a variety of sculpture methods such as addition, subtraction and manipulation. Students will explore a variety of media. Emphasis will be on basic three-dimensional design skills for the creation of successful sculptures. Depending upon student projects, additional art supplies may need to be purchased.

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**#100021**

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One Semester .5 Fine Arts Credit

**Sculpture 2**

This is an advanced level course which will continue to explore a variety of sculpture methods. Emphasis will be on advanced three-dimensional design skills and personal expression for the creation of successful sculptures. Depending upon student projects, additional art supplies may need to be purchased.

*Prerequisites: Sculpture 1*

# Art

#100040



Two Semesters 1 Fine Arts Credit

## Art Portfolio

This course is designed to meet the needs of the serious art student who plans to pursue an art-related career beyond high school. The course will focus on developing an art portfolio that can be used for college admission, scholarship competitions and/or professional interviews. Depending upon student projects, additional art supplies may need to be purchased.

***Prerequisites: Successful completion of two level 2 art courses and permission from an art teacher.***

#100049

Two Semesters 1 Fine Arts Credit

## AP 2-D Art and Design

This course is designed for the serious art student. Students enrolled must show a high level of motivation, independence, and ability to work on their own, both in and outside of class. Emphasis will be put on painting and drawing. By definition any art that involves directly making marks on a surface can fit into this portfolio. The content of art making in this course will encompass various techniques and drawing media, proper presentation, expansion of foundation skills and the development of an original, personal style. As a visual arts course, proper presentation (matting and framing, exhibiting) and archiving (digital imagery and an artist's blog) of your artwork will be part of the final cumulating experience.

***Prerequisites: Successful completion of two level 2 art courses and permission from an art teacher.***

#100L45



One Semester .5 Fine Arts Credit

## 2D Visual Art - Drawing/ Painting (Online)

This is a semester-long introductory art course of 2-Dimensional design. It combines art criticism and aesthetic with a survey of 2-Dimensional media and techniques. The goals of the class are to provide you with skills and strategies for beginning **drawing** and **painting** through a variety of media. The course consists of **4 units**: each containing multiple learning activities and a major project. The units are: Unit 1 **Elements/Principles of Art**, Unit 2 **Drawing**, Unit 3 **Art Criticism**, and Unit 4 **Painting**.

#100L40



One Semester .5 Fine Arts Credit

## 2D Visual Art - Photo/Digital (Online)

This is a semester-long introductory art course of 2-Dimensional design including digital photography and stop motion. It combines art criticism and aesthetics with a survey of 2-Dimensional media and techniques. The goals of the class are to provide skills and strategies for beginning **Digital Photography** and **Stop Motion Animation** through digital media. The course consists of **4 units** which contain multiple learning activities and a major project. The units are: Unit 1 **Elements/Principles of Art**, Unit 2 **Digital Photography**, Unit 3 **Art Criticism**, and Unit 4 **Stop Motion**.

# Business

## Business Graduation Requirement - Future Ready (.5 credit)

The financial literacy elective credit requirement can be fulfilled through multiple courses within in the Business department.

### #150005

One Semester .5 Elective Credit

#### Accounting 1

Accounting 1 is an introduction to the financial world of business and is designed to provide students with a basic understanding of fiscal accounting procedures. As a foundations course for all business degrees, it is strongly recommended that students wishing to pursue careers in the world of business take Accounting. This course includes the analysis of business transactions, journalizing, posting, worksheets, preparing financial statements, and closing entries. Accounting 1 also includes payroll accounting, banking activities, and cash funds.

**\*This course is recommended to students who wish to pursue any business-related degree or career.**

**This course is available to students in 11h - 12th grade.**

### #150006

One Semester .5 Elective Credit

#### Accounting 2

Accounting 2 is a continuation of Accounting 1 with special emphasis on corporate accounting procedures for merchandising businesses. This course includes electronic accounting and business simulations.

**\*This course is recommended to students who wish to pursue any business-related degree or career.**

**Prerequisites: Accounting 1**

### #150003

One Semester .5 Elective Credit

#### Entrepreneurship

Entrepreneurship will plan and explore their own startup business venture while improving their understanding of marketing, finance, and entrepreneurship through real-world and classroom simulations. Students will have the opportunity to earn the Entrepreneurship and Small Business Certification credential.

**This course fulfills the financial literacy requirement if taken during the Junior or Senior year.**

**This course is available to students in 11th - 12th grade.**

**Credential: Entrepreneurship and Small Business (3)**

### #150030

One Semester .5 Elective Credit

#### Marketing

Marketing students will learn how companies gain and maintain competitive advantages in a global environment, create commercials, advertisements, social media campaigns and new products. Units include: pricing strategies, market research, sales, advertising and introduction to the Google AdWords platform. This is an excellent course for those pursuing a business career.

**This course is available to students in 10th - 12th grade.**

**Credential: Google Ads (3)**

### #150004

1st Semester Only .5 Elective Credit

#### AP Microeconomics

AP Microeconomics is a college level course designed to provide students with a thorough understanding of the principles of microeconomics. The focus of the course is the actions of consumers and producers as they interact in the resource and product markets. Students examine the theory of consumer behavior, the theory of the firm, and the behavior of profit-maximizing firms under various market structures. **This course prepares students to take the AP Microeconomics test in May and fulfills the financial literacy requirement.**

**This course is available to students in 10th - 12th grade.**

### #150007

2nd Semester Only .5 Elective Credit

#### AP Macroeconomics

AP Macroeconomics is a college level course designed to provide students with a thorough understanding of the principles of macroeconomics. The focus of the course is the actions of society, government, and the role of firms in the aggregate. Students examine the impacts of fiscal and monetary policy, metrics used to measure changes in standards of living, international trade flows, and the impact of government policy on society. **This course prepares students to take the AP Macroeconomics test in May and fulfills the financial literacy requirement.**

**This course is available to students in 10th - 12th grade.**

# Business

#150035 

#150L36 

One Semester .5 Elective Credit

### Personal Finance

Personal Finance gives students a practical, down-to-earth introduction to sound money management. Students will develop the skills needed to deal with financial planning, money management, credit & loans, investments, retirement, housing, insurance, budgeting, and financial aid. Student activities will include financial simulations and the creation of investment portfolios.

**This course fulfills the financial literacy requirement if taken during the Junior or Senior year.**

**This course is available to students in 11th - 12th grade.**

#150002 

#150L03 

One Semester .5 Elective Credit

### Business Explorations

Business Explorations is a hands-on course is designed as an introduction to business concepts and will benefit the business-minded student as well as the everyday consumer. The course will cover a wide breadth of business topics and will also examine current business issues and trends. This course is open to all students.

**Credentials:  
Six Sigma Green Belt (6)**

**\*Available for In-person only:  
Six Sigma Yellow Belt (3)**

#150045 

#150L02 

One Semester .5 Elective Credit

### College Fundamentals

In College Fundamentals, students who are planning to attend college will learn the importance of time management, financial planning, ACT/SAT preparation, and exploring college options. Students will develop writing shortcuts, note-taking and test taking strategies, and improve reading comprehension. **This course fulfills the financial literacy requirement if taken during the Junior or Senior year.**

**This course is available to students in 11th - 12th grade.**

#150050

One Semester .5 Elective Credit

### Sports & Entertainment Management

Sports & Entertainment Management provides students with a thorough understanding of basic principles in the Sports and Entertainment industries. Through hands-on simulations, our students will cover planning, marketing, financing, leading, and organizing sport and entertainment organizations, events, and facilities. This is a great course for students who enjoy business and sports.

**This course is available to students in 10th - 12th grade.**

#150001  

One Semester .5 Elective Credit

### Future Ready

Future Ready is a freshman experience course in which students will create their High School Graduation Plan, explore future careers and the pathways, and develop technical skills in Microsoft Office. Projects focus on analyzing career and college opportunities, Schoolinks integration, and applying the workforce ready skills needed to begin their OhioMeansJobs graduation seal. Students will have the opportunity to earn both the Microsoft Office PowerPoint credential and the Leadership Excellence credential.

\*All students are required to take the Future Ready course during the 9th grade year.

**Credentials:  
Leadership Excellence (3)  
MOS PowerPoint (3)**

**Available for Online Only:  
Leadership Excellence (3)  
Lean Six Sigma Yellow Belt (3)**

# English Language Arts

## English Graduation Requirement (4 credits)

Students must take an English 9, 10 & 11 and a 12th grade course

#30BL06



#30OL01 9A  
#30OL03 9B



One Semester .5 English Credit

### English 9A and 9B

**A student who selects this course will be enrolled in both A and B.** This course follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 9. As students work to achieve mastery of the standards, they will read, write about, and analyze literature. Students will practice effective reading strategies for understanding complex texts as they read pieces of classic and contemporary literature, as well as nonfiction and informational pieces. In their work to understand such texts, students will engage in close reading of the literature. Students will also study essay structure and actively engage in the writing process of prewriting, drafting, revising, and editing for various informational, argumentative, and narrative pieces. Time will also be spent studying aspects of grammar and basic writing conventions. English 9A is the first semester of ninth grade English studies, and English 9B is the second semester.

#30BL01



One Semester .5 English Credit

### Honors English 9A and 9B

**A student who selects this course will be enrolled in both A and B.** This course is recommended for students who have successfully completed Language Arts 8 or Honors Language Arts 8. A recommendation from the student's eighth grade English teacher is encouraged. STAR scores may be considered for a student's recommendation to this honors course. Students are expected to have critical reading skills as well as proficient writing and speaking skills prior to enrollment.

Honors English 9 is a year-long course. The curriculum of Honors English 9 is based on the same standards as English 9, though the studies are with greater depth and at an accelerated pace. This course will include intensive reading and analysis of literature. Extensive annotation of texts will be expected. Students will also work to develop critical writing and speaking skills.

#30BL07



#30OL05 10A  
#30OL06 10B








One Semester .5 English Credit

### English 10A and 10B

**A student who selects this course will be enrolled in both A and B.** This course follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 10. As students work to achieve mastery of the standards, they will read, write about, and analyze literature. Students will review and practice effective reading strategies for understanding complex texts as they read pieces of classic and contemporary literature, as well as nonfiction and informational pieces. In their work to understand such texts, students will engage in close reading of the literature. Students will also study essay structure and actively engage in the writing process of prewriting, drafting, revising, and editing for various informational, argumentative, and narrative pieces. Brief review of grammar and basic writing conventions will take place in this course. English 10A is the first semester of tenth grade English studies, and English 10B is the second semester.

# English Language Arts

<b>#30BL02</b> 	<b>#30BL08</b> 	<b>#30BL16</b> 
One Semester .5 English Credit	<b>#30OL45 11A</b> <b>#30OL46 11B</b> 	<b>#30OL75 12A</b> <b>#30OL76 12B</b> 
<b>Honors English 10A and 10B</b> <b><u>A student who selects this course will be enrolled in both A and B.</u></b> This course is recommended for students who have successfully completed Language Arts 9 or Honors Language Arts 9. A recommendation from the student's ninth grade English teacher is encouraged. STAR scores for students enrolled in English 9 may be considered for a student's recommendation to this honors course. Students are expected to have critical reading skills as well as proficient writing and speaking skills <b>prior</b> to enrollment. The curriculum of Honors English 10 is based on the same standards as English 10, though the studies are with greater depth and at an accelerated pace. This course will include intensive reading and analysis of literature. Extensive annotation of texts will be expected. Students will also work to develop critical writing and speaking skills.	<b>English 11A and 11B</b> <b><u>A student who selects this course will be enrolled in both A and B.</u></b> This course follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 11. As students work to achieve mastery of the standards, they will read, write about, and analyze literature. Students will review and practice effective reading strategies for understanding complex texts as they read pieces of classic and contemporary American literature, as well as nonfiction and informational pieces. In their work to understand such texts, students will engage in close reading of the literature. Students will review essay structure and actively engage in the writing process of prewriting, drafting, revising, and editing for various informational, argumentative, and narrative pieces. Brief review of grammar and basic writing conventions will take place in this course. English 11A is the first semester of eleventh grade English studies, and English 11B is the second semester.	<b>English 12A and 12B</b> <b><u>A student who selects this course will be enrolled in both A and B.</u></b> This course follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 12. As students work to achieve mastery of the standards, they will read, write about, and analyze literature. Students will review and practice effective reading strategies for understanding complex texts as they read pieces from authors of various time periods and world cultures, as well as informational texts. In their work to understand such texts, students will engage in close reading of the literature. Students will focus on readiness for their postsecondary experience through purposeful collaboration, reflective personal essays, informational and argumentative writing, and practice with effective presentation skills. Brief review of grammar and basic writing conventions will take place in this course. English 12A is the first semester of twelfth grade English studies, and English 12B is the second semester.

# English Language Arts

#300010



Two Semesters 1 English Credit

## AP English Language & Composition

This year-long course will be an intense program of study focusing on literature, non-fiction, rhetoric, and analysis. Students will improve their ability to read closely, write analytically, speak rhetorically, and think abstractly in preparation for the AP English Language Exam offered by The College Board. This course will include reading multiple major works and several essays in addition to informal writing, expository writing, research paper writing, and critical writing. Students will be required to obtain novels for this course.

**Grade level: 11**

**Prerequisites: Successfully passed English 9 / Honors English 9 AND English 10 / Honors English 10.**

#300011



Two Semesters 1 English Credit

## AP English Literature & Composition

Students will improve their ability to read selected poems and prose passages analytically and to write critical or analytical essays based on poems, prose passages, and complete novels and plays in preparation for the AP Literature exam offered by The College Board. The course will include reading approximately 7-10 major works in addition to shorter works and journal writing, expository essay writing, and literary criticism. Students will be required to obtain novels for this course. College credit may be available through dual enrollment for an additional fee. **Grade level: 12**

**Prerequisites: Successfully passed English 9 / Honors English 9 AND English 10 / Honors English 10.**

## KAP English

#30BL19



One Semester 1 English Credit

## ENGLISH 103 & 104 Intro to Lit. & Lang.

**A student who selects this course will be enrolled in both 103 and 104.** Each section of these first-year classes approaches the study of literature through the exploration of a single theme in texts drawn from a variety of literary genres (tragedy, comedy, lyric poetry, epic, novel, short story, film, autobiography, etc.) and historical periods. Students in each section are asked to work intensively on composition as part of a rigorous introduction to reading, thinking, speaking and writing about literary texts. During the semester, instructors will assign frequent essays and may also require oral presentations, quizzes, examinations and research projects.

As a result of this course, you will be able to:

- Investigate the methods that authors use to create fiction and poetry
- Enhance the ability to write at the collegiate level
- Develop self-awareness of strengths and weaknesses in reading and writing. Accept what we can't change and improve what we can
- Apply the style and stance of formal academic writing
- Develop the skills to write in a variety of styles and situations
- Appreciate the value of being a literate citizen and being an independent reader to a life of fulfillment and health
- Appreciate the value of classic literature
- Foster good work habits that promote success and learning

**Additionally, students must apply to Kenyon with a teacher recommendation.**

**Prerequisites: Completed AP English Language or College Jumpstart as a junior OR Passed English 11 and has a teacher recommendation**

# English Language Arts

## English Language Arts Elective Courses

#300055

#300L55 

One Semester .5 Elective Credit

### Speech, Debate and Public Discourse

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 engage in preparing and delivering speeches with explicit feedback from the instructor. In addition, students will utilize internet-based resources, electronic and media resources, and engage in discussion on a variety of real world topics.

#300060

Two Semesters 1 Elective Credit

### Yearbook Production

This course is an elective and does not count towards the four credit English requirement for graduation. The school yearbook will be produced in this class. Students will be responsible for the writing, editing, photography, layout, design, advertising, sales, and promotion involved in the production process. This will require time outside of the scheduled class period. Assignment to positions will be determined by the teacher's evaluation of the applicant's written, photographic, and graphic/computer ability.

#300034

Two Semesters 1 Elective Credit

### Journalism & Broadcast Media Production

This course is an elective and does not count towards the four credits in English required for graduation. Students enrolled in Journalism & Broadcast Media Production will work to produce both the school news print publication and the video announcements. Students will be responsible for the writing, filming, editing, photography, artwork, etc. for the Journalism & Broadcast publications and are responsible for meeting the requirements of their respective roles for the publications. Participation in this course promotes interscholastic projects between students and other departments within the school and the school district with a heavy emphasis on running a daily news program.

#300L02 

One Semester .5 Elective Credit

### Media Awareness

In an era of ever-present and evolving information from a wide variety of sources, the ability to analyze and critique the validity and reliability of available media is more important than ever. In this course, students will gain an understanding of the different methods used for presenting information in newspapers, on television, on the internet, and through social media outlets. Through a variety of projects, assignments, and discussions, students will analyze multiple media uses, media bias, and possible risks and rewards that these methods can pose.

**Note: Media Awareness is only offered online.**

#300065

#300L65 

One Semester .5 Elective Credit

### Leadership Development

This course is an elective and does not count towards the four credit English requirement for graduation. Through class activities, discussions, reading, researching and school-related projects, students will develop the necessary knowledge, and skills to fulfill leadership opportunities in the school / community setting. Students will study leadership, effectiveness, and assess their individual leadership styles and skills. An emphasis will be placed on developing effective written and spoken communication skills, habits characteristic of effective leaders, and group skills including team building, conflict resolution, and stress management. Students will be asked to participate in group projects that benefit others, and to apply effective decision-making, communication, and critical thinking skills. This course may count as an English or Business elective, but not both.

# English

## English Course Pathways Grades 9-12

**Please Note:** A well-suited language arts program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English 11	English 12
OR	OR	OR	OR
Honors English 9	Honors English 10	AP English Language & Composition~	AP English Literature & Composition~


**English Electives:** Speech, Debate and Public Discourse; Yearbook Production; Journalism & Broadcast Media Production; Leadership Development; Media Awareness (Online Only)

~These courses are considered Gifted Services.


# English Learners

English learner (EL) courses are designed to provide our multilingual students with effective, evidence-based instruction, which facilitates the acquisition of the English language skills and content knowledge necessary to access broader curricular and extracurricular opportunities. **Course offerings may vary by building and grade level.**


Students participating in this program should consult their school counselor and/or Teacher prior to selecting coursework

**#30BL26**   
 One Semester      1 English Credit


**EL-English 1A and 1B**  
 Beginning-level multilingual learners in this course will acquire essential English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**#30BL27**   
 One Semester      1 English Credit

**EL-English 2A and 2B**  
 Intermediate-level multilingual learners in this course will continue developing their English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**#30BL28**   
 One Semester      .5 English Credit

**EL-English 3A and 3B**  
 Intermediate-level multilingual learners in this course will continue improving their English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**#30BL30**   
 One Semester      .5 English Credit

**EL-English 4A and 4B**  
 Advanced-level multilingual learners in this course will continue perfecting their English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. The content-area teacher and EL teacher collaboratively plan, teach and assess using effective strategies. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**#85EL05 Supported Studies A**  
**#85EL06 Supported Studies B**  
 One Semester      .25 Credit

**Supported Studies**  
 This course is designed for those ELL students needing reinforcement of content area skills and concepts through instruction. Students may also receive literacy intervention including State assessment preparation.

## Other EL Course Offerings

See specific content areas for descriptions of these courses:

Algebra Foundations	50EL01
EL- Science	55EL01
EL- Social Studies	60EL01
Future Ready	15SH01
Health	45SH10
Algebra 1A/B	50BL24
Algebra 2A/B	50BL25
Physical Science A/B	55BL07
Biology A/B	55BL14
World Studies A/B	60BL09
U.S. History A/B	60BL08
U.S. Gov. A/B	60BL07

# English Learners

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English learner (EL) courses are designed to provide our multilingual students with effective, evidence-based instruction, which facilitates the acquisition of the English language skills and content knowledge necessary to access broader curricular and extracurricular opportunities. **Course offerings may vary by building and grade level.**

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## **EL Courses held only at the Newcomer Center at the Innovation Campus:**

Hilliard City Schools offers a one-year, three-period learning experience at The Newcomer Center for English Learners (ELs) in grades 6-12 who are new to the country (0-1 year) at the emerging English level (0-1 on OELPS/OELPA). Newcomer Center staff provides a highly-effective, culturally responsive instructional program for students in grades 6-12 where they can acquire the essential English language skills necessary to access broader academic and social opportunities. Students whose language and literacy skills rapidly improve may exit the program in less than one year. High School students can earn one elective credit in English Foundations and one English credit in EL-English Language Arts. High School students can also earn one math credit in EL-Algebra I Workshop or one elective credit in EL-Algebra Foundations.

### **EL-English Language Arts A & B**

English learners in this course will acquire the essential English language skills necessary to communicate at the emerging level through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course by the EL Teacher Leaders based on OELPS/OELPA scores, formal education background, and time in the US.

### **English Foundations A & B**

Emerging-level multilingual learners in this course will acquire foundational pronunciation, vocabulary, grammar, and literacy skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course by the EL Teacher Leaders based on OELPS/OELPA scores, formal education background, and time in the US.

### **Algebra Foundations A& B**

Beginning-level multilingual learners in EL Algebra Foundations will receive an introduction to foundational math concepts leading to algebra readiness. These concepts include, but are not limited to, operations with whole numbers; integers and rational numbers; ratios, rates and proportional reasoning; probability and statistics; and coordinate geometry. Teachers will employ a combination of whole class, small group, and personalized instructional strategies and resources, to meet the needs of a variety of students' mathematical and linguistic needs.

Students can earn 1 elective credit following the successful completion of this course. Students who successfully complete EL Algebra Foundations proceed to Algebra I A/B with Workshop at the home building.

### **Algebra I Workshop A& B**

Beginning-level multilingual learners in EL Algebra I Workshop will receive instruction in the Algebra I focus standards, aligned with Ohio Mathematics Learning Standards. Teachers will employ a combination of whole class, small group, and personalized instructional strategies and resources, to meet the needs of a variety of students' mathematical and linguistic needs.

Students can earn 1 math credit following the successful completion of this course. Students who successfully complete Algebra 1 Workshop proceed to an EL sheltered Algebra 1 A/B course at the home building.

# Family & Consumer Sciences

The financial literacy elective requirement can be fulfilled through two courses in this department:  
Financial Independence & Careers and Money Management

## #350001



One Semester .5 Elective Credit

### Careers and Money Management

How is it all connected? In this course you will learn to be a wise consumer and recognize how your career impacts money making decisions. You will learn employability skills such as how to look for a job, fill out applications and successfully interview. Learn to be an informed, educated and responsible consumer by understanding budgeting and basic money management.

**This course fulfills the financial literacy requirement if taken during the Sophomore, Junior or Senior year.**

## #350015

One Semester .5 Elective Credit

### Culinary Cuisine

Students will apply fundamental culinary techniques through hands on lab experiences and other classroom activities. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Through out the course, basic food safety and sanitation techniques will be emphasized. The course will include taste testing, food-demonstration, cooking, and guest speakers.

## #350020

One Semester .5 Elective Credit

### Global Gourmet

Experience a taste of the world in 90 days! Students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. The course will include taste testing, food-demonstrations, cooking, and guest speakers.

## #350025



One Semester .5 Elective Credit

### Financial Independence

It's never too early to plan for your financially independent future! Students will examine a number of financial topics including budgeting, saving, interest rates, credit, buying a car, renting an apartment, insurance, and investing, and risk management. Learn how to set personal and family financial goals, select financial institutions, avoid fraud, and understand the impact of public policy on your financial future. Recognize the implications of financial decisions on the individual as well as the family. Develop positive communication skills and knowledge for discussing financial issues. This class will prepare students to meet future financial needs as they transition through life. **This class fulfills the financial literacy requirement if taken during the Sophomore, Junior or Senior year.**

Family & Consumer Science courses  
held only at The Innovation Campus:

Career Mentorship  
Academy EDU



# Mathematics

In order to graduate from the Hilliard City School District, students are required to successfully earn four credits in mathematics that must include Algebra 2 or its equivalent.

Typically, students begin their high school math experience with Algebra I, followed by Geometry and Algebra 2. There are many options for a 4th math course, which include College Algebra or Statistics.


## Mathematics Graduation Requirement (4 credits)

Students must successfully complete Algebra 2 or its equivalent to satisfy the graduation requirement.

**#50BL01**   
**#50OL11 A**  
**#50OL12 B**   
 One Semester .5 Mathematics Credit



**Algebra 1A and 1B**  
**A student who selects this course will be enrolled in both A and B.**  
 This high school Algebra 1 course, aligned to Ohio Math Learning Standards, builds a foundation for future math studies. Students begin with one-variable statistics and then explore linear equations, inequalities, systems, and two-variable statistics, applying these concepts to real-world relationships. The year concludes with an in-depth study of functions and quadratic equations, including modeling, the quadratic formula, and rational and irrational solutions, with mathematical modeling integrated throughout.

\*Students must earn 4 credits of mathematics for high school graduation. A proficient score must be earned on the Algebra 1 End of Course State test, therefore students in Hilliard City Schools must successfully complete Algebra 1A and 1B.


**#50BL07**   
 One Semester 1 Mathematics Credit

**Algebra 1 w/Workshop A and B**  
**A student who selects this course will be enrolled in both A and B.**  
 This high school accredited course, aligned to Ohio Math Learning Standards for Algebra 1, is designed to provide students with a solid foundation upon which all future math courses will build. This double-blocked course will provide opportunities to review or establish skills, understandings, and mathematical connections to put students in a better position to be successful in Algebra 1A and B (see the Algebra 1A and B course description regarding the specifics of the content for this course). Enrollment in this course is based on teacher recommendation, taking into consideration national, state, and local data.

*Course Credit: 1 credit for passing Algebra 1A with workshop and 1 credit for passing Algebra 1B with workshop for a total of 2 credits. \*\**

**#50BL11**   
**#50OL21 A**  
**#50OL22 B**   
 One Semester .5 Mathematics Credit

**Geometry A and B**  
**A student who selects this course will be enrolled in both A and B.**  
 This high school Geometry course, aligned to Ohio Math Learning Standards, begins with constructions and reasoning toward formal proofs. Students then study transformations, congruence, similarity, triangle theorems, right triangle trigonometry, volume, and coordinate geometry, connecting these concepts to functions. The year concludes with circles, probability, and combined events, with mathematical modeling integrated throughout.

**#50BL13**   
 One Semester .5 Mathematics Credit

**Honors Geometry A and B**  
**A student who selects this course will be enrolled in both A and B.**  
 This high school Geometry course, aligned to Ohio Math Learning Standards, also explores extension topics beyond the standards. Students begin with constructions and reasoning toward formal proofs, then study transformations, congruence, similarity, triangle theorems, and right triangle trigonometry, linking these concepts to volume, coordinate geometry, and equations of figures. The year concludes with circles, probability, and combined events, with mathematical modeling integrated throughout.

***Prerequisite: A strong candidate for this course has successfully completed Algebra 1A/B with an 83% test average or higher and has a teacher recommendation.***

# Mathematics

#50BL09



#50OL31 A  
 #50OL32 B



One Semester .5 Mathematics Credit

## Algebra 2A and 2B

**A student who selects this course will be enrolled in both A and B.**

This high school Algebra 2 course, aligned to Ohio Math Learning Standards, begins with linear and quadratic functions and progresses through polynomials, rational functions, and polynomial identities. Students extend exponent rules, work with complex numbers, and explore exponential, logarithmic, and trigonometric functions. The course concludes with statistical inference, where students analyze data, account for variability, and evaluate claims using normal distributions.

**Prerequisite:** *Geometry A/B*

#50BL29



Two Semesters 1 Mathematics Credit

## Honors Algebra 2 A and B

**A student who selects this course will be enrolled in both A and B.**

This high school Honors Algebra 2 course, aligned to Ohio Math Learning Standards, begins with linear and quadratic functions and progresses through polynomials, rational functions, and polynomial identities. Students extend exponent rules, work with complex numbers, and explore exponential, logarithmic, and trigonometric functions, including continuous growth models. The course concludes with statistical inference and emphasizes both graphing utility use and assessments without a calculator to develop numerical fluency and data analysis skills.

**Prerequisite:** *A strong candidate for this course has successfully completed Honors Geometry A/B with an 83% test average or higher and has a teacher recommendation.*

**\*\*NOTE:** Students cannot earn two Algebra 2 credits, however an Honors Algebra 2 credit may replace an Algebra 2 credit.

#50BL17



One Semester .5 Mathematics Credit

## Data Science Foundations A and B

**A student who selects this course will be enrolled in both A and B.**

The Data Science Foundations course teaches students to reason with and think critically about data in all forms. Ohio's Learning Standards for Mathematics relevant to data science are taught along with the data demands of good citizenship in the 21st century. The course addresses Ohio's High School Statistics and Probability and Practice for Modeling standards as well as Computer Science Standards. Additionally, the course fuses mathematics with computer science using online data analysis tools such as Google Spreadsheets and the Common Online Data Analysis Platform (CODAP). This course is designed for students needing a third or fourth math credit who are not pursuing calculus. It is especially suited for beginners interested in applied mathematics, behavioral sciences, computer science, data analysis, or STEM fields, and for those who want to explore real-world issues with data and strengthen their reasoning skills.

**Prerequisite:** *Geometry A/B*

**\*\*Note:** This course can be considered an Algebra 2 equivalent course.

#50BL22



Two Semesters 1 Mathematics Credit

## Mathematics Modeling and Reasoning A and B

**A student who selects this course will be enrolled in both A and B.**

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. It is a yearlong course taught using student-centered pedagogy. This course is designed for students needing a third or fourth math credit who are not planning careers requiring calculus and enjoy hands-on, real-world learning. It prepares students for either direct entry into a credit-bearing postsecondary math course or into a career field.

**Recommendations:** *Two credits of mathematics; and completion of the Algebra and Geometry end of course state tests.*

**\*\*Note:** This course can be considered an Algebra 2 equivalent course.

#50BL02



#50OL33 A  
 #50OL34 B



One Semester .5 Mathematics Credit



## College Algebra A and B

**A student who selects this course will be enrolled in both A and B.**

This high school accredited course is aligned with Ohio Math Learning Standards. In this course, emphasis will be placed on a deeper understanding of the concepts learned in Algebra 2A/B. Students will develop a deep conceptual understanding of functions and their applications through analytical, numerical, and graphical analysis. The course emphasizes critical thinking, problem-solving, and the appropriate use of technology, such as graphing calculators, to model and solve complex problems

**Prerequisite:** *Algebra 2A/B*

# Mathematics

#500054



Two Semesters 1 Mathematics Credit



## AP PreCalculus

The AP PreCalculus course is designed to be the equivalent of a first semester college precalculus course. AP PreCalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. This course moves at the **fast pace and deep rigor** of **Honors Algebra II**. Prior success in Honors Algebra II is the best indicator of readiness. Students are given the option to take the Advanced Placement test for this course. There is an additional fee for this test.

*Prerequisites: A strong candidate for this course has successfully completed Algebra 2A/B or Honors Algebra 2A/B with an 83% test average or higher and has a teacher recommendation.*

#50BL27



One Semester .5 Mathematics Credit

## Calculus A and B

**A student who selects this course will be enrolled in both A and B.**

This course is intended for students who completed PreCalculus but do not intend to take the AP Calculus exam, or for those students who had difficulty with the pace and content of PreCalculus but would like the opportunity to study the concepts of Calculus. Topics will include a review of PreCalculus topics in the areas of trigonometry, logarithms, exponentials, function theory, and equations. Calculus topics include limits, differentiation, and integration.

*Prerequisites: PreCalculus A/B*

#50BL28



One Semester .5 Mathematics Credit

## Statistics A and B

**A student who selects this course will be enrolled in both A and B.**

In this course, students will develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students will design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis testing. To develop effective statistical communication skills, students will be required to prepare and present written and oral analyses of real data.

*Prerequisites: Mathematical Modeling and Reasoning, Data Science Foundations A/B, Algebra 2 A/B or Honors Algebra 2 A/B*

#500046



Two Semesters 1 Mathematics Credit

## AP Statistics

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This course will build strong critical thinking and communication skills necessary for interpreting data. Students are given the option to take the Advanced Placement test for this course. There is an additional fee for this test.

*Prerequisites: Algebra 2 A/B or Honors Algebra 2 A/B*

#500055



Two Semesters 1 Mathematics Credit

## AP Calculus AB

This course is intended for students who plan to major in life or physical sciences, engineering, business, medicine, or any other math-related field. Topics will include functions (continuity and differentiability), limits, derivatives and their applications, definite integrals and their applications, an introduction to differential equations, and l'Hopital's Rule. Students are given the option to take the Advanced Placement test for this course. There is an additional fee for this test.

*Prerequisites: A strong candidate for this course has successfully completed PreCalculus. With an 83% test average or higher and has a teacher recommendation.*

#500056



Two Semesters 1 Mathematics Credit

## AP Calculus BC

This course is designed to be a continuation of the calculus material learned in AP Calculus AB. Additional topics include partial fractions, differential equations, Taylor series, parametric, polar, and vector calculus. Students are given the option to take the Advanced Placement test for this course. There is an additional fee for this test.

*Prerequisites: AP Calculus AB or Calculus A/B*

# Mathematics

## Mathematics Course Pathways Grades 9-12

**Please Note:** A well suited mathematics program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 9	Grade 10	Grade 11	Grade 12
Algebra 1	Geometry/ Honors Geometry ~	Algebra 2/ Honors Algebra 2	Mathematics Modeling and Reasoning
OR	OR	OR	OR
Algebra 1 w/Workshop	Algebra 2/ Honors Algebra 2	Data Science Foundations	Algebra 2
OR	OR	OR	OR
Geometry/ Honors Geometry~	College Algebra	Mathematics Modeling and Reasoning	Statistics
OR	OR	OR	OR
Honors Algebra 2	AP PreCalculus~	College Algebra	College Algebra
	OR	OR	OR
	Statistics/ AP Statistics~	AP PreCalculus~	AP PreCalculus~
		OR	OR
		Statistics/ AP Statistics~	AP Statistics~
		OR	OR
		Calculus**/ AP Calculus AB**~	Calculus**/ AP Calculus AB**~/ AP Calculus BC**~
			OR
			Data Science Foundations

\*\* These courses may be taken concurrently with AP Statistics.  
 ~These courses are considered Gifted Services.

# Performing Arts

Fine Arts Graduation Requirement (1 credit unless 2 semesters completed in middle school)

Performing Arts requirements for college admissions must be fulfilled during high school.

## #650035

Two Semesters 1 Fine Arts Credit

### Concert Orchestra

The Concert Orchestra is comprised of string players who can demonstrate a moderate level of proficiency on violin, viola, cello, bass, piano or harp. The members of the Concert Orchestra should be prepared for a performance schedule that includes three to four performances per year and may also include adjudication. Students in this group are expected to make all performances associated with the group.

***Prerequisites: Permission of Instructor is Required / Audition Required***

## #650036

Two Semesters 1 Fine Arts Credit

### Symphony Orchestra

The Symphony Orchestra is comprised of advanced string players who can demonstrate a high level of proficiency on violin, viola, cello, bass, piano or harp. Acceptance into this group is by audition only. The members of the Symphony Orchestra should be prepared for a rigorous rehearsal and performance schedule, including but not limited to four in-school performances, state contest, convention performances and clinics. Students in this group are expected to make all performances including those which may involve travel or touring.

***Prerequisites: Permission of Instructor is Required / Audition Required***

## #650037

Two Semesters 1 Fine Arts Credit

### Chamber Orchestra

The Chamber Orchestra is comprised of the most advanced string players who can demonstrate the highest level of proficiency on violin, viola, cello, bass, piano or harp. Acceptance into this group is by audition only. The members of the Chamber Orchestra should be prepared for a rigorous rehearsal and performance schedule, including but not limited to six performances, state contest, convention performances and clinics. Students in this group are expected to make all performances, including those that will involve travel or touring.

***Prerequisites: Permission of Instructor is Required / Audition Required***

## #650038

Two Semesters 1 Fine Arts Credit

### Honors Chamber Orchestra

This performance-based Orchestra course challenges students to engage in pre-collegiate level musicianship and critical thinking. Students will be highly analytical about the quality of their music making, demonstrate their own accelerated and in-depth study of music through performances and academic projects. Students will accomplish the regular Chamber Orchestra performance curriculum, as well as additional components from a menu of choices. Acceptance into this group is by audition only.

***Prerequisites: 3 Credits of Orchestra with at least 1 credit earned in Chamber Orchestra. Permission of Instructor is Required / Audition Required***

## #650040

Two Semesters 1 Fine Arts Credit

### Jazz Ensemble

Membership in Jazz Ensemble is elective and selective. The performance group is open to all high school band members who play saxophone, trumpet, trombone, tuba, drum set, guitar, or string bass. Students must display advanced playing technique and an interest in Jazz music. The ensemble will perform traditional and modern Jazz in various concerts, community events, and/or adjudicated events throughout the school year and summer. Students who play non-band instruments (piano, bass, guitar) should see the director at the time of registration to arrange an audition.

***Prerequisites: Permission of Instructor is Required / Audition Required***

## #650045

Two Semesters 1 Fine Arts Credit

### Music Theory 1

This course of study includes music construction, arranging, ear training and sight singing. Students who may continue in music are encouraged to take this course.

***Prerequisites: Permission of Instructor is Required***

## #650046

Two Semesters 1 Fine Arts Credit

### Music Theory 2

This is a continuation of Music Theory 1. The construction of the course would allow for individual instruction in composition and instrumental and choral arranging during the second semester.

***Prerequisites: Permission of Instructor is Required***

# Performing Arts

## #650050

Two Semesters 1 Fine Arts Credit

### Music History 1

Music History 1 is offered every other year. The purpose of this course is to present music as an art and a science. Music History 1 is a study of the progress of music through the ages. In this course, music studied will be from the Baroque, Romantic, and Classical music periods.

**Prerequisites: Permission of Instructor is Required**

## #650051

Two Semesters 1 Fine Arts Credit

### Music History 2

This course would be a study of music history from the Romantic Period (1820) to the present. Music History 1 is not a prerequisite. This course is especially recommended for students who plan to continue their music education after high school.

**Prerequisites: Permission of Instructor is Required**

## #650055

.25 Fine Arts Credit

### Color Guard

Color Guard is comprised of those individuals who provide visual elements for the band through the use of flags, rifles, etc. The group rehearses after school for the first ten weeks of the school year. Performances are at Friday night football games and Saturday contests.

**Prerequisites: Permission of Instructor is Required / Audition Required**

**Fee: \$100 (pay-to-participate fee)**

**Note: Participation in Color Guard can be used to waive the PE requirement. [Click here](#) for more details.**

## #650015

Two Semesters 1 Fine Arts Credit

### Concert Band

Membership in Concert Band is elective and selective. The ensemble will develop advanced musicianship and skills through daily rehearsals and participating in after school concerts and OMEA Adjudicated Events. Music will be selected from many different styles and music periods. Membership in Concert Band includes membership in Marching Band\* unless a student is a member of a fall school athletic team or by special permission of the head band director.

**Prerequisites: Permission of Instructor is Required / Audition Required**

## #650016

Two Semesters 1 Fine Arts Credit

### Symphonic Band

Membership in Symphonic Band is elective and selective. The ensemble will develop advanced musicianship and skills through daily rehearsals and participating in after school concerts and OMEA Adjudicated Events. Music will be selected from many different styles and music periods. Membership in Symphonic Band includes membership in Marching Band\* unless a student is a member of a fall school athletic team or by special permission of the head band director.

**Prerequisites: Permission of Instructor is Required / Audition Required**

## #650017



Two Semesters 1 Fine Arts Credit

### Wind Ensemble

Membership in Wind Ensemble is elective and selective. The ensemble will develop advanced musicianship and skills through daily rehearsals and participating in after school concerts and OMEA Adjudicated Events. Music will be selected from many different styles and music periods. Membership in Wind Ensemble includes membership in Marching Band\* unless a student is a member of a fall school athletic team or by special permission of the head band director.

**Prerequisites: Permission of Instructor is Required / Audition Required**

## #650018



Two Semesters 1 Fine Arts Credit

### Honors Wind Ensemble

This performance-based Band course challenges students to engage in pre-collegiate level musicianship and critical thinking. Students will be highly analytical about the quality of their music making, demonstrate their own accelerated and in-depth study of music through performances and academic projects. Students will accomplish the regular Wind Ensemble performance curriculum, as well as additional components from a menu of choices. Acceptance into this group is by audition only.

**Prerequisites: 3 Credits of Band with at least 1 credit earned in Wind Ensemble. Permission of Instructor is Required / Audition Required**

Performing Art Courses held only at  
The Innovation Campus:

[Academy VIBE](#)

[Academy VIBE 2](#)

# Performing Arts

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## #650020

One Semester .5 Fine Arts Credit

### Percussion Ensemble

Membership in Percussion Ensemble is elective and selective. The ensemble will begin rehearsals following the conclusion of marching band season. The ensemble will develop advanced musicianship and percussion skills through preparation and participation in concert and contest performances. Literature will include classical, jazz, rock, and contemporary music. All Percussion Ensemble members must be members of Symphonic Band, Concert Band, or Wind Ensemble.

***Prerequisites: Permission of Instructor is Required / Audition Required***

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## #650025

Two Semesters 1 Fine Arts Credit

### Concert Choir—Soprano

Concert Choir Soprano is open to all students who are interested in singing and performing. This choir may perform at various functions throughout the year – concerts, OMEA adjudicated events, and various invitations. This group will focus on developing proper vocal production and technique.

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## #650026

Two Semesters 1 Fine Arts Credit

### Concert Choir—Tenor

Concert Choir Tenor is open to all students who are interested in singing and performing. This choir may perform at various functions throughout the year – concerts, OMEA adjudicated events, and various invitations. This group will focus on developing proper vocal production and technique.

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## #650027

Two Semesters 1 Fine Arts Credit

### Choir 300

300 level choir is a select choir. Members are selected by auditioning interested students. Some ability to read music is assumed on the part of the student. During the year, this group presents choral concerts which consist of music drawn from classical, sacred, and popular fields. They may perform at various functions throughout the year – concerts, OMEA adjudicated events, and various invitations. The chorus meets five periods per week. Permission of the instructor is required.

***Prerequisites: Permission of Instructor is Required / Audition Required***

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## #650028

Two Semesters 1 Fine Arts Credit

### Choir 400

400 level choir is a very select choir and is the school's most advanced performing group in the field of vocal music. Members are selected by auditioning interested students. Ability to read music is assumed on the part of the student. During the year, this group presents choral concerts which consist of music drawn from classical, sacred to contemporary genres. The chorus meets five periods per week, and performs a rigorous schedule of performances, including but not limited to in-school concerts, OMEA Adjudicated Events, and possible convention performances and clinics. Permission of the instructor is required. A choir camp/retreat is part of this course.

***Prerequisites: Permission of Instructor is Required / Audition Required***

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## #650029



Two Semesters 1 Fine Arts Credit

### Honors Choir 400

This performance-based Choir course challenges students to engage in pre-collegiate level musicianship and critical thinking. Students will be highly analytical about the quality of their music making, demonstrate their own accelerated and in-depth study of music through performances and academic projects. Students will accomplish the regular Choir 400 performance curriculum, as well as additional components from a menu of choices. Acceptance into this group is by audition only.

***Prerequisites: 3 Credits of Choir with at least 1 credit earned in Choir 400. Permission of Instructor is Required / Audition Required***

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## #650031

Two Semesters 1 Fine Arts Credit

### Chamber Ensemble

Chamber Ensemble is a select small choir. Members are selected through an after school audition. Students must demonstrate the needed proficiency in reading music. Chamber Ensemble performs a wide variety of literature ranging from Renaissance to contemporary pop a cappella. Chamber Ensemble has a rigorous schedule consisting of in school performances/ concerts, community performances, and possible conventions, clinics, and competitions. Chamber Ensemble requires after school rehearsal and performance commitments.

***Prerequisites: Permission of Instructor is Required / Audition Required***

# Pre-Engineering

#210001



Two Semesters 1 Elective Credit

## Introduction to Engineering Design (IED)

Ever tried to design something new or draw up an idea you wanted to share with your friends and wondered how you could communicate your idea? Or, have you wondered how someone designed that sleek new phone? Then Introduction to Engineering Design is the course for you. Students will use sophisticated three-dimensional modeling software, learn the design process, and solve design problems as they develop, analyze, and create product models. This class is a great choice for those students planning to study engineering after high school.

**Prerequisites:** Enrolled in or Completed Algebra 1

**Credential:** Various Autodesk (4)

#210011



Two Semesters 1 Elective Credit

## Introduction to Engineering Design—Women in Engineering (IED WiE)

The Women in Engineering section of Introduction to Engineering Design is focused on women in all different fields of engineering. The course will use the Introduction to Engineering Design objectives and offer opportunities to connect with local female professionals, college students, professors and others to help prepare girls who are interested in Engineering and want to know what that experience will entail.

**Prerequisites:** Enrolled in or Completed Algebra 1

**Credential:** Various Autodesk (4)

#210002



Two Semesters 1 Elective Credit

## Principles of Engineering (POE)

This course provides an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory, building and testing several different systems, students will address the emerging social and political consequences of technological change. The course of study includes: Engineering Career study, Compound machines, Energy sources, Energy applications, Machine control (robotics), Fluid Power (pneumatics), STATICS truss design, Material Properties, Material testing, Advanced Statistics Kinematics (study of ballistic trajectory). All of which are supported by several complex hands-on projects.

**Prerequisites:** Successful Completion of Introduction to Engineering Design and Algebra 1 or Enrolled in Algebra 2 or Above

**Credential:** Various Autodesk (4)

#210003



Two Semesters 1 Elective Credit

## Digital Electronics (DE)

This course is the foundation of all modern electronic devices such as cell phones, laptops, digital cameras and HD televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. Activities include: robot control, circuit boards, programming and others.

**Prerequisites:** (1) Successful Completion of Principles of Engineering or (2) Permission of the Instructor

**Credential:** Various Autodesk (4)

#210004



Two Semesters 1 Elective Credit

## Engineering Design and Development (EDD)

This is an engineering research course in which students will work in teams to research, design, test and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach a solution to the problem. The team presents and defends their solution to a panel of outside reviewers at the conclusion of the course. The EDD course allows students to apply all the skills and knowledge learned in previous Project Lead The Way courses. This course also engages students in time management and teamwork skills, a valuable set for students in the future. Students will be required to purchase additional supplies. Depending on project choice the costs for this course can vary greatly.



**Prerequisites:** Successful Completion of at least 2 previous Pre-Engineering courses or Permission of the Instructor

**Credential:** Various Autodesk (4)



# Science

## Science Graduation Requirement (3 credits)


Science credits must include 1 credit of Biology and 1 credit of Physical Science.

**#55BL02**   
**#55OL08 A**  
**#55OL09 B**   
 One Semester .5 Science Credit

**Biology A and B**  
A student who selects this course will be enrolled in both A and B.  
 Through labs, models, discussions, and activities, students will examine the structure and function of living organisms. Major topics covered include cells, heredity, evolution, and diversity and interdependence of life.  
**Grade Level: 9**

**#55BL01**   
**#55OL51 A**  
**#55OL52 B**   
 One Semester .5 Science Credit


**Physical Science A and B**  
A student who selects this course will be enrolled in both A and B.  
 This is a hands-on, lab-based course. The following topics will be covered: scientific inquiry, matter, atoms and the periodic table; ions and bonding, chemical/nuclear reactions, forces and motion, energy; waves and electricity.  
**Grade Level: 10**

**#550040**  
**#55OL40**   
 One Semester .5 Science Credit

**Freshwater and Marine Ecosystems**  
 This course is an introduction to physical, chemical and biological oceanography, including study of the history and development of oceanography utilizing the advancements in technology throughout the years and an overview of each ocean, ocean zones, and organisms found in each zone. There is an emphasis on the characteristics of significant phyla, focusing on the structure and functions of their adaptations. The discussion of physical oceanography includes large-scale patterns, ocean circulation, as well as small-scale phenomena such as waves. Topics of current interest (global warming, coastal development, fisheries, and introduced species, resumption of whaling, coral bleaching and hydrothermal vents) are presented throughout the course. Laboratories, dissections, investigations and field studies may be incorporated in this course.

**#55BL10**   
 One Semesters .5 Science Credit

**Honors Biology A and B**  
A student who selects this course will be enrolled in both A and B.  
 This is an accelerated life science course designed for students who anticipate taking one or more AP Sciences. The topics of cells, heredity, evolution, and diversity and interdependence of life are studied at a deep level. In Honors Biology, students will participate in research opportunities, engage in inquiry-based labs and activities, design laboratories, and/or demonstrate and apply understanding through writing and projects.  
**Grade Level: 9**  
**Prerequisites: Teacher recommendation.**

**#55BL15**   
 One Semester .5 Science Credit

**Honors Physical Science A and B**  
A student who selects this course will be enrolled in both A and B.  
 Honors Physical Science is an accelerated and enriched science class designed for ninth grade students who anticipate taking one or more AP Sciences. This is a hands-on, lab-based course. Students will apply math concepts to the following topics: scientific inquiry, matter, atoms and the periodic table; ions and bonding, chemical/nuclear reactions, forces and motion, energy; waves and electricity.  
**Grade Level: 10**

# Science

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## #550020

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One Semester .5 Science Credit

### Astronomy

This course begins with an introduction to the history and methods of astronomy. The scope of study then moves from the earth outward to the moon, planets, minor objects in the solar system, our sun, other stars, and galaxies. The origin and history of the universe and the search for extraterrestrial life, are also studied. Students may take astronomy and biology concurrently.

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## #550035

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One Semester .5 Science Credit

### Introduction to Forensic Science

The course will examine the procedures that take place during a crime scene investigation. Students will explore crime scene analysis, physical evidence, forensic entomology, relevant biological and chemical concepts, and apply physical principles. Students will also learn how to work independently and collaboratively in a lab setting. Case studies will be read and discussed. Due to the subject matter, some content may be graphic and disturbing in nature.

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## #55BL13

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One Semester .5 Science Credit

### #550010

#### Human Anatomy & Physiology 1

This course will explore the human body systems in depth while integrating the anatomy and physiology of those systems. Content will be taught through models, images, labs, research, and activities. Students who plan to enter health fields, as well as those who have an interest in learning about their own body systems, will find this course particularly useful. Topics and systems covered in this course include anatomical terminology, histology, and the major body systems (integumentary, skeletal, muscular, cardiovascular, nervous, reproductive, digestive, respiratory, urinary, and endocrine).

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## #550011

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One Semester .5 Science Credit

#### Human Anatomy & Physiology 2

This course continues the exploration of the systems of the human body listed in the course description for Anatomy and Physiology 1.

**Prerequisites: Human Anatomy & Physiology 1**

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## #55BL08

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One Semester .5 Science Credit

#### Scientific Principles of Sustainability A and B

**A student who selects this course will be enrolled in both A and B.**

The human race is dependent on the Earth's natural resources to make all of the items we have come to rely on in everyday life. This course explores the sustainability of four major types of materials (metals, ceramics, polymers, and composites). The properties, attainment, application, recyclability, and environmental and human impacts of these materials will be explored through class discussions, laboratory activities, and other student centered activities.

***This course is recommended as a third science credit option.***

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## #55BL16

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One Semester .5 Science Credit

#### Chemistry A and B

**A student who selects this course will be enrolled in both A and B.**

This lab-based, elective science course explores many topics in Chemistry. These topics include: atomic structure, the periodic table, properties of matter, bonding, chemical equations and reactions, nuclear, the mole, gas laws, stoichiometry, and introductory organic chemistry. Connecting lab activities and experiments to course content is a major emphasis in this class; therefore, active participation in labs is essential for learning. Also, students should be proficient in Algebra I skills so as to be successful learning concepts such as the mole and performing stoichiometry problems.

***Prerequisites: Successful completion of Geometry A/B***

# Science

## #55BL17

One Semester .5 Science Credit

**Honors Chemistry A and B**  
**A student who selects this course will be enrolled in both A and B.** Honors Chemistry is an accelerated course for students planning to **major in science, medicine or engineering.** It will prepare students for AP Chemistry and college-level science courses. Students will develop an understanding of the fundamental interactions of matter. Concepts include nomenclature, the mole and stoichiometry, atomic models, thermochemistry, gas laws, and types of chemical reactions. Students should have completed or are concurrently taking Algebra 2 as there is a strong emphasis on the quantitative calculations of chemistry. Honors Chemistry, Physics, and AP Physics or AP Biology *may be scheduled concurrently.*

***Prerequisites: Concurrent enrollment in Algebra 2 or higher level math AND completion of Biology or Honors Biology***

## #55BL18

One Semesters .5 Science Credit

**Physics A and B**  
**A student who selects this course will be enrolled in both A and B.** This course explores the nature and properties of matter and energy. Topics covered include: motion in one and two dimensions, forces in one and two dimensions, the laws of conservation, electricity, light and magnetism. Critical and analytical thinking are essential, as is **a strong background in mathematics.** Chemistry and Physics may be scheduled concurrently.

***Recommendation: Highly recommended that students be in College Algebra or higher-level math***

## #55OL15



One Semester .5 Science Credit

### Environmental Science

This course involves examining the ways organisms, especially humans, interact with their environment. It will focus on issues such as loss of biodiversity, habitat change, global climate change and sustainable development. Studying the earth's present biodiversity and ecosystems are essential to understanding threats to them. Another focus will be sociological and political aspects of this dynamic field of science. Students may take environmental science and biology concurrently.

**Note: Environmental Science is only offered online.**

## #550014



Two Semesters 1 Science Credit



### AP Environmental Science

This course will help students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and case studies they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

***Prerequisites: Biology A/B or Honors Biology A/B; Honors Chemistry A/B or Chemistry A/B is a prerequisite or co-requisite***

## #550008



Two Semesters 1.5 Science Credits

### AP Biology

AP Biology is 1.5 periods long and may allow students to earn college credit. The course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Upon showing yourself qualified on the AP Examination, you may, as a college freshman, be permitted to take upper-level courses in biology or to register for courses for which biology is a prerequisite. AP Biology will include those topics regularly covered in a college biology course for majors in biology: basic chemistry, chemistry of life, cells, cell processes, molecular genetics, genetics, evolution and natural selection, organisms and populations, and ecology. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. The textbook used is a college biology text. The AP Biology course has been designed to be taken by students after the successful completion of a first course in biology and one in high school chemistry. Students are encouraged to take an AP test in the spring, which has an additional charge.

***Prerequisites: Biology A/B or Honors Biology A/B; Honors Chemistry A/B or Chemistry A/B is a prerequisite or co-requisite***

# Science

#550028



Two Semesters 1.5 Science Credits

## AP Chemistry

AP Chemistry is a second-year chemistry course that is **1.5 periods** long and may allow students to earn college credit. The course is recommended for students who have a strong interest in the area of physical sciences. It will prepare students for post high school chemistry and science related career plans. **It should be taken along with physics by all students interested in an engineering career.** The main emphasis is placed on the following inorganic chemistry concepts: acids and bases, equilibrium, oxidation-reduction reactions, solubility, nuclear chemistry, molecular structure, chemical bonding and energy of reactions. Laboratory work is used extensively in the course and is often a cooperative venture. Lab work involves both quantitative and qualitative analysis of compounds. Individual areas of interest in chemistry may be investigated. Students should come to the class proficient with the mole concept, applications of stoichiometry, formula names and symbols, and the mathematics of chemistry. Students who will have junior or senior status may have the opportunity to earn college credit through dual enrollment for an additional fee. Additionally, students scoring a 3 or better on the AP Chemistry Test in May will be eligible for college credit at certain colleges. If you plan to take the AP Test, there is an additional charge. Summer coursework may be required.

**Prerequisites: Chemistry A/B or Honors Chemistry A/B and Algebra 2 A/B**

#550032



Two Semesters 1 Science Credit

## AP Physics C: Mechanics

This college-level physics course follows the syllabus established by the College Board. The course covers Newtonian Mechanics in depth and provides instruction in each of the following areas; kinematics, projectile motion, force, energy, momentum, torque, rotation, oscillations and gravitation. The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. Introductory differential and integral calculus is used throughout the course. The course includes a laboratory component comparable to a semester-long, college-level physics laboratory. This class meets 5 periods a week.

**Prerequisites: Concurrent enrollment in any Calculus course. (Physics is encouraged, but not required.)**

#550031



Two Semesters 1.5 Science Credits

## AP Physics C: Mechanics, Electricity, and Magnetism

AP Physics is 1.5 periods long and is calculus-based. This course is recommended for future scientists, engineers or those going into medicine. Approximately the first half of the year is spent on Mechanics. Topics to be studied include kinematics, Newton's laws of motion, work, conservation of energy, conservation of momentum, and gravitation. The second half of the year is spent on Electricity and Magnetism. Topics to be studied include electrostatics, conductors, capacitors, electric circuits, and electromagnetism. This course is intended to help prepare students for college physics, to get into an honors college physics class, or to place out of freshman college physics altogether. Students who will have junior or senior status may have the opportunity to earn college credit through dual enrollment for an additional fee. Additionally, students scoring a 3 or better on the AP Physics Tests may be eligible for college credit at certain colleges. If you plan to take the AP Tests, there is an additional charge. Summer coursework may be required.

**Prerequisites: Concurrent enrollment in any Calculus course. (Physics is encouraged, but not required.)**

# Science

## Science Course Pathways Grade 9-12

**Please Note:** A well suited science program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 9	Grade 10	Grade 11	Grade 12
<div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Biology/ Honors Biology</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Physical Science/ Honors Physical Science</div> <p>OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Chemistry/ Honors Chemistry<sup>^</sup></div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Scientific Principles of Sustainability</div> <p>OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Chemistry/ Honors Chemistry<sup>^</sup></div> <p>OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Physics</div> <p>OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">AP Biology<sup>~^</sup>; AP Chemistry<sup>~^</sup>; AP Physics<sup>~^</sup>; AP Environmental Science<sup>~^</sup></div> <p>OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Science Elective<sup>*</sup></div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Science Electives<sup>*</sup></div> <p>AND/OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">Physics</div> <p>AND/OR</p> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">AP Biology<sup>~^</sup>; AP Chemistry<sup>~^</sup>; AP Physics<sup>~^</sup>; AP Environmental Science<sup>~^</sup></div>

**\*Additional Science Electives:** Freshwater & Marine Ecosystems; Astronomy;  
 Intro to Forensic Science; Human Anatomy & Physiology;  
 Environmental Science (Online Only)

~These courses are considered Gifted Services.

<sup>^</sup>These courses have required pre-requisites.

# Social Studies

## Social Studies Graduation Requirement (3 credits)

Students must earn credit in World Studies, U.S. History, U.S. Government OR AP U.S. Government

#60BL01



#60OL01 A  
#60OL02 B



One Semester .5 Social Studies Credit

### World Studies A and B

A student who selects this course will be enrolled in both A and B.

1750 to Present: Ninth graders complete the chronological study of world history. As students study each historical event, they consider the geographic setting, the cultural perspectives, the economic implications and the role of governments. They develop a deeper understanding of their role as a citizen and continue to expand their command of social studies skills and methods.

#60BL10



One Semester .5 Social Studies Credit

### Honors World Studies A and B

A student who selects this course will be enrolled in both A and B.

Honors World Studies is an accelerated and enriched World Studies course with a strong emphasis placed on extended reading and writing. This course is designed for students who anticipate taking one or more AP Social Studies course. 1750 to Present: Ninth graders complete the chronological study of world history. As students study each historical event, they consider the geographic setting, the cultural perspectives, the economic implications and the role of governments. They develop a deeper understanding of their role as a citizen and continue to expand their command of social studies skills and methods.

#60BL02



#60OL05 A  
#60OL06 B



One Semester .5 Social Studies Credit

### U.S. History A and B

A student who selects this course will be enrolled in both A and B.

1877 to Present: Tenth graders complete the chronological study of the history of the United States. As students study historical events, they consider the geographic setting, the cultural perspectives, the economic implications and the role of governments. They develop a deeper understanding of their role as a citizen and continue to expand their command of social studies skills and methods.

#600013

One Semester .5 Social Studies Credit

### Post World War 2 America

Post World War 2 America will explore popular culture's influence in the United States from the 1950s to the present. We will study iconic films, television shows, music, sports, food, and social networking to identify how ongoing phenomenon have shaped and/or reflected American values. The identification of these effects will lead discussion of our essential question: Does popular culture truly change our perception of the world? Students will be required to develop an informed critical analysis pertaining to this essential question to exhibit their own critical viewpoints on popular culture.

#600014

One Semester .5 Social Studies Credit

### Contemporary World Issues

Contemporary World Issues will introduce students to various international issues facing the world today. The primary goal is to raise awareness of current events through the lens of multiple perspectives. We will develop a common language for analysis of issues while encouraging discussion of current events. Students become aware of social, economic, cultural, and political issues that affect them in a globally multi-cultural society. Through regular screening of print and television media, an emphasis is placed on the role of the media in shaping world events and influencing public opinion. Through discussion forums, debates and guest speakers, students will evaluate the issues and propose solutions from a variety of perspectives.

#600015

One Semester .5 Social Studies Credit

### Sociology

Man is not an island. We do not live isolated from every other person in our society. We are part of a large society that has many different lifestyles, roles and groups. This class illustrates the importance of social interaction upon the behavior of mankind. Basic institutions of society are discussed such as the family, religion and economy. Problems of our diverse society are discussed such as divorce, crime, discrimination and poverty. The class will revolve around much class discussion and participation in activities such as skits, role-playing, debates and planning a social movement.

# Social Studies

#600020

One Semester .5 Social Studies Credit

## Social Psychology

Nothing fascinates man so much as his own kind. This introductory course is designed to study the psychology of man. The concepts of the development of psychology as a science, human development (from conception through death), learning, personality theory, psychological disorder, therapy, and stress and health will be covered. The student will be expected to become familiar with a variety of source materials including paperback books, magazines, newspapers and personal experiences. Two short papers are required which relate psychology to ones' own life. Class discussion will be a major facet of this course.

#60BL04



#60OL35 A  
#60OL36 B



One Semester .5 Social Studies Credit

## U.S. Government A & B

A student who selects this course will be enrolled in both A and B.

This course will acquaint the student with the basic principles of democracy and the essential workings of a democratic society. They entail a study of our government--focusing on the legal foundations and institutions as they relate to current political, social and economic issues. Topics include principles of Government, three branches, U. S. Constitution, and Federalism.

#600023

One Semester .5 Social Studies Credit

#60OL50



## American History Through Film

Explore American history by analyzing its portrayal through Hollywood feature films and documentaries in this elective course. Students will explore the way particular events, figures, and eras have been depicted in film. Students will comparatively analyze the historical accuracy of the films, the interpretation of history by the film-maker, and consider what films can teach us about society's view of history.

#600012

One Semester .5 Social Studies Credit

## Community Action Planning: *Past, Present, Future*

Are you tired of sitting in class and only hearing talk? Wishing it could be action? Do you care about your community? Your country? Your world? Do you want to make the world a better place? If so, this elective is for you. This course will include a study of past individuals and groups who changed the world for the better. Study how communities have dealt with problems over time. These problems will include issues of social justice, urban planning and development, environmental challenges, natural disasters, political problems, and socio-economic disparity. Hear from experts and learn from the best. After learning about the past, look at your community and your world and create community action plans to combat the issues of your choice. You will be able to partner with local and global organizations and get involved during class time! After you get real world experience fixing present issues, we will also look at the future and what it holds for humankind. Make a difference and be a part of it!

#600008



Two Semesters 1 Social Studies Credit

## AP U.S. History

A.P. United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials-their relevance to a given interpretive problem, their reliability, and their importance-and to weigh the evidence and interpretations presented in historical scholarship. The student must understand his/her critical role and responsibility in group activities and should be an active participant in these processes. Students should possess above average reading and writing skills, as this is an emphasis of the course. Summer coursework may be required.

***Prerequisites: World Studies A /B***

# Social Studies

#600070



Two Semesters 1 Social Studies Credit

## AP Psychology

AP Psychology is designed to go beyond an introductory survey course and explore the behavioral, biological and mental processes of human beings and other animals. Students will study the psychological subfields; biopsychology, sensation and perception, abnormal behavior and treatment, as well as learning, states of consciousness, motivation and emotion, social psychology and testing methods. Students will also learn about the ethics and methods psychologists use in their science and practices. This class involves extensive outside reading and students must be willing to participate in scenarios exploring psychological principles and experimentation. Group work where a student is an active, critical participant is also required. Summer coursework will be required.

#600050



Two Semesters 1 Social Studies Credit

## AP U.S. Government

AP U.S. Government and Politics provides a college-level nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other primary resources to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. In addition, they will complete a political science research or applied civics project. Students should have proficient written and verbal skills in order to engage in educational practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. Students who have excelled in previous Social Studies courses, as well as students who want an in-depth study of Government, should consider this course.

***Prerequisites: U.S. History A and B or AP U.S. History and World Studies A and B***

#600055



Two Semesters 1 Social Studies Credit

## AP European History

AP European History is designed to be the equivalent of a two-semester introductory collegiate level European history course. In AP European History, students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to current day. Students develop and use the same skills employed by historians: analyzing historical evidence, contextualization, comparison/contrast, causation, change and continuity over time, and argument development. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, states and other institutions of power, individual and society, and national and European identity. Students who have excelled in previous Social Studies courses, as well as students who want an in-depth study of European History should consider this course.

***Prerequisites: Completed World Studies A & B and either U.S. History A & B or AP U.S. History***

# Social Studies

## Social Studies Course Pathways Grades 9-12

**Please Note:** A well suited social studies program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 9	Grade 10	Grade 11	Grade 12
<div data-bbox="266 441 539 529" style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">           World Studies / Honors World Studies         </div>	<div data-bbox="570 441 789 529" style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">           U.S. History/ AP U.S. History~         </div>	<div data-bbox="821 441 1081 562" style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">           U.S. Government**/ AP U.S. Government**~         </div>	<div data-bbox="1114 441 1330 529" style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">           Social Studies Electives*         </div>
<div data-bbox="311 827 1295 905" style="border: 1px solid black; border-radius: 10px; padding: 10px; background-color: #fff9c4;">           You may take additional Social Studies Electives*         </div>			

**\*Social Studies Electives:** Post World War 2 America; Contemporary World Issues; Sociology; Social Psychology; AP Psychology; AP European History; American History Through Film; Community Action Planning


**\*\*One of these course sequences/courses must be taken during the Junior year.**

**~These courses are considered Gifted Services.**

# Wellness

Physical Education Graduation Requirement (.5 credit) – Health Graduation Requirement (.5 credit)


Students may waive the physical education credit requirement with participation in athletics, marching band, and/or cheerleading. See “Physical Education Waiver” on page 12 for details.

**#450021**   
 One Semester .25 P.E. Credit

### Sports and Fitness

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, participate in tournaments, and develop leadership, decision-making and communication skills. This 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 while participating in recreational team activities. It will help the students develop activity and personal fitness plans to meet their needs now and in the future. Activities can include but are not limited to Frisbee golf, badminton, pickle ball, tennis, golf, fitness, archery, horseshoes, bocce ball, croquet, soccer, touch football, basketball, volleyball, softball, ultimate Frisbee, floor hockey and recreational games.


**#450010**  

**#450L10**   
 One Semester .5 Health Credit

### Health


This course will focus on every aspect of Health and Well Being, including physical, social, emotional, mental, and environmental aspects. Required topics can be found on the Ohio Department of Education's website, <https://education.ohio.gov/Topics/Learning-in-Ohio/Health-Education>.

**Credential:**  
 CPR/First Aid (1)  
 Stop the Bleed (1)

**#450022**   
 One Semester .25 P.E. Credit


### Aerobics, Body Sculpting, and Fitness

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, P90X, and Tai Bo, step aerobics, jump rope, and jogging. They will develop an understanding of the components of physical fitness and the benefits of an active lifestyle.

**#450023**   
 One Semester .25 P.E. Credit

### Basic Strength Training and Fitness


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.

**#450040**   
 One Semester .25 P.E. Credit

### Strength Training and Conditioning for HS Athletes I

This class is designed for students who have had previous experience in Basic Strength Training or are currently in a sport at the HS. 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 during class time. Additional activities in this course may include but are not limited to agility training, plyometrics, flexibility development, cardiovascular conditioning and health related issues.

*Prerequisites: Students must be athletes who compete for a high school team or students who have completed the basic strength training class.*

**#450041**   
 One Semester .25 P.E. Credit

### Strength Training and Conditioning for HS Athletes II

This is a continuation of Strength Training and Conditioning for HS Athletes I.

*Prerequisites: Students must be athletes who compete for a high school team or students who have completed the basic strength training class.*

# Wellness

#450026



One Semester .25 P.E. Credit

## Strength Training and Conditioning for Female HS Athletes

This course is designed for female students who are currently in a sport at the high school level. In this course students will receive instruction in more advanced lifting programs. Students will develop a strength program to benefit their individual needs. Additional activities in this course may include but not limited to agility training, speed training, plyometrics, flexibility development, cardiovascular conditioning and health related issues.

**Prerequisites:** *Students must be a member of a high school sports program or students who have completed basic strength training class.*

#450L05



One Semester .25 P.E. Credit

## Physical Education 1

This course is designed to educate students on the importance of exercise, physical activity, and living a healthy life style. The class includes written assignments, forum discussions, and a project. The topics include fitness goals, warm-up and cool-down, FITT principles, Health and Exercise related fitness, nutrition, muscular strength, muscular endurance, cardiovascular fitness, and flexibility. Each student will need to provide his/her own personal fitness tracking device (FitBit, MOVBand, Fuel, etc.) from an approved list or have it approved by the instructor. The device must monitor daily exercise and activity. The activity will be graded weekly by the instructor.

**Note:** Physical Education 1 is only offered online.

#450L06



One Semester .25 P.E. Credit

## Physical Education 2

This course is designed to educate students on the importance of exercise, physical activity, and living a healthy life style. The class is project based with the student taking their knowledge from Online PE 1 and exploring projects of their interest using Self-Directed Learning. A total of 4 projects worth will be completed with topics that could include fitness goals, warm-up and cool-down, FITT principles, Health and Exercise related fitness, nutrition, muscular strength, muscular endurance, cardiovascular fitness, and flexibility. Each student will need to provide his/her own personal fitness tracking device (FitBit, MOVBand, Fuel, etc.) from an approved list or have it approved by the instructor. The device must monitor daily exercise and activity. The activity will be graded weekly by the instructor.

**Prerequisites:** *Physical Education 1*

**Note:** Physical Education 2 is only offered online.

#450015

One Semester .5 Elective Credit

## Sports Medicine 1

This course is designed for any student interested in the biological sciences, athletic training, physical education, first aid, medicine, or other health related fields. Students will learn prevention, evaluation, management, treatment, and rehabilitation of athletic injuries. The body parts that will be covered in this class are the ankle, knee, hip, and hand. There will also be in class laboratory experiences involving basic human anatomy and common medical procedures.

**Note:** This course does not count towards the 5.0 elective credits required by the Ohio Department of Education.

#450016

One Semester .5 Elective Credit

## Sports Medicine 2

This course is designed to help those students who did well in Sports Medicine 1 and still want to learn more about the medical field. This second class will cover the anatomy, assessment and evaluation of athletic injuries to the related areas. The body parts that will be covered in this class are the elbow, shoulder, head & neck, and internal injuries. There will also be in class laboratory experiences involving basic human anatomy and common medical procedures.

**Prerequisites:** *Sports Medicine 1*

**Note:** This course does not count towards the 5.0 elective credits required by the Ohio Department of Education.

Wellness course only at  
 The Innovation Campus:  
[Health Professionals Academy](#)

# World Languages

2-3 Credits of a World Language should be part of a College Preparatory Curriculum.

Requirements vary from institution to institution. Refer to the guidelines of the university of your choice for details.

## #40BL01

One Semester .5 Elective Credit

### French 1A and 1B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

## #40BL02

One Semester .5 Elective Credit

### French 2A and 2B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

***Prerequisites: French 1A & B***

## #40BL11

One Semester .5 Elective Credit

### French 3A and 3B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

***Prerequisites: French 2A & B***

## #400004

Two Semesters 1 Elective Credit

### AP French 4

This course in AP Language and Culture emphasizes the use of language for active communication, continuing the development of the four language skills (reading, writing, speaking and listening). This course is intended for students who are interested in completing studies comparable in content and difficulty to composition and conversation courses at the third-year college level. Students are given the option to take the Advanced Placement Foreign Language test. There is an additional fee for this test.

***Prerequisites: French 3A & B***

This course is part of the Kenyon Academic Partnership (KAP) and would meet the High School requirements for French 4. This course is only offered at Darby High School  
 #40DE04  
 KAP French 321 4 College Credits

## #400005

Two Semesters 1 Elective Credit

### French 5

This course is designed to provide advanced students with the opportunity to strengthen their abilities to write, read, and speak French. The conversation component of the course will focus on the discussion of articles from the current French and Francophone press, films, other media, and websites, and on developing the fluency in French to perform linguistically and culturally appropriate tasks. The composition component will seek to improve the ability to write clearly and coherently in French. In order to foster these goals, the course will also provide a review of selected advanced grammatical structures and work on literary excerpts. College credit may be available through dual enrollment for an additional fee.

***Prerequisites: AP French 4***

This course is part of the Kenyon Academic Partnership (KAP) and would meet the High School requirements for French 5. This course is only offered at Darby High School  
 #40DE05  
 KAP French 323 4 College Credits

# World Languages

## #40BL05

One Semester .5 Elective Credit

### Spanish 1A and 1B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

## #40BL06

One Semester .5 Elective Credit

### Spanish 2A and 2B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

*Prerequisites: Spanish 1A & B*

## #40BL12

One Semester .5 Elective Credit

### Spanish 3A and 3B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

*Prerequisites: Spanish 2A & B*

## #400024



Two Semesters 1 Elective Credit

### AP Spanish 4

This course in AP Language and Culture emphasizes the use of language for active communication, continuing the development of the four language skills (reading, writing, speaking and listening). This course is intended for students who are interested in completing studies comparable in content and difficulty to composition and conversation courses at the third-year college level. Students are given the option to take the Advanced Placement Foreign Language test. There is an additional fee for this test.

*Prerequisites: Spanish 3A and B*

## #400025



Two Semesters 1 Elective Credit

### Spanish 5

This course is designed to give advanced students the opportunity to refine and increase their abilities to write, read and speak Spanish. The course will have a strong emphasis on oral proficiency. Cultural and literary readings and selected Spanish-language films are among the materials on which class discussion and assignments may be centered. A grammar review, focused mainly on typical areas of difficulty, will be included. College credit may be available through dual enrollment for an additional fee.

*Prerequisites: AP Spanish 4*

This course is part of the Kenyon Academic Partnership (KAP) and would meet the High School requirements for Spanish 5.  
**#40BL15**  
**KAP Spanish 321/325**  
**4 College Credits each course**

## #400044

Two Semesters 1 Elective Credit

### Spanish for Spanish Speakers Year 1

Spanish for Spanish Speakers is a series of classes designed for students with oral proficiency in the Spanish language, but little or no academic experience in Spanish. The course is designed for students who speak Spanish at home or have spent considerable time in a Spanish-speaking country and who wish to develop their reading and writing skills. Students in the course will develop their linguistic and cultural competence as they study culture from around the Spanish-speaking world. Students will also have the opportunity to earn credit for Spanish 1 within this course.

## #400045

Two Semesters 1 Elective Credit

### Spanish for Spanish Speakers Year 2

Spanish for Spanish Speakers is a series of classes designed for students with oral proficiency in the Spanish language, but little or no academic experience in Spanish. The course is designed for students who speak Spanish at home or have spent considerable time in a Spanish-speaking country and who wish to develop their reading and writing skills. The Year 2 course is a continuation of SfSS Year 1, and students will continue to improve their linguistic skills and cultural competence.

## #40BL07

One Semester .5 Elective Credit

### Chinese 1A and 1B

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

# World Languages

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**#40BL09**

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One Semester .5 Elective Credit

**Chinese 2A and 2B**

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

***Prerequisites: Chinese 1A and B***

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**#40BL13**

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One Semester .5 Elective Credit

**Chinese 3A and 3B**

**A student who selects this course will be enrolled in both A and B.**

This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards.

***Prerequisites: Chinese 2A and B***

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**#400034**

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Two Semesters 1 Elective Credit

**Chinese 4**

Chinese 4 is an upper level Mandarin Chinese course where the application of all material learned in levels two and three is needed to function in the performance areas, cultural situations, communication activities, projects and presentations.

***Prerequisites: Chinese 3A and B***

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**#400035**

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Two Semesters 1 Elective Credit

**Chinese 5**

This unique course is designed to give senior students the opportunity to independently refine and increase their fluency level in Mandarin Chinese. Students will actively perform in the classroom on cultural situations, communication activities, projects and presentations. This course will have a strong emphasis on students focusing on developing fluency in an area of their educational interest. Authentic cultural and literary readings and selected Chinese language films are among the materials which class discussions and assignments may be centered around.

***Prerequisites: Chinese 4***

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**#40BL08**

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One Semester .5 Elective Credit

**American Sign Language 1A/1B**

**A student who selects this course will be enrolled in both A and B.**

ASL 1 is an introductory course designed to take students with little or no knowledge of ASL and deaf culture 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 various activities. Students will also explore various highlights of the deaf culture, history, values, social norms, communication norms, and the role that those norms play in the deaf community.

Prolonged visual attention is required for this class. In addition to developing sustained receptive skills of the language, students will be required to demonstrate expressive skills through presentational activities and assessments.

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**#40BL10**

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One Semester .5 Elective Credit

**American Sign Language 2A/2B**

**A student who selects this course will be enrolled in both A and B.**

ASL 2 goes deeper into the culture and language, and assumes the student is able to send and receive communication in basic conversations involving information about themselves, their family, and everyday activities. The learner will continue to expand the breadth of vocabulary in those contexts and build narrative skills through interactive activities. Exploration of the deaf community, history and culture will continue also. In addition to continually developing sustained receptive skills of the language, students will be required to demonstrate level two expressive skills through presentational activities and assessments. Prolonged visual attention is required for this class, as well as in-person presentations of the visual language.

***Prerequisite: ASL 1A and B***

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**#40BL14**

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One Semester .5 Elective Credit

**American Sign Language 3A/3B**

**A student who selects this course will be enrolled in both A and B.**

ASL 3 is designed to train the student in increasingly complex receptive and expressive skills of visual communication. Through interactive activities, the learner will use facial and gestural expressions to communicate with the vocabulary and grammar of ASL. Students will expand upon their vocabulary learned in ASL I and II and learn to discuss more abstract concepts as well as events that occurred in the past. Students will also explore highlights of the deaf community, history, and culture. Prolonged visual attention and In Person Presentations are required. Project-Based Learning and Assessments are a part of this course and independent time management is required in order to complete projects by agreed upon due date.

***Prerequisite: ASL 2A and B***

# Intervention

**Enrollment in all Intervention Courses Requires Permission.**

**Do not register for an intervention course without first consulting with a school counselor.**

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## #55MD40



Two Semesters 1 Science Credit

### Consumer Science

Science instruction will be based on individual IEP goals and objectives as well as a focus on basic concepts such as cooking, measurement (inch, foot, etc.), Human Body Systems, Basic Ecosystem, Weather and Seasons, States of Matter, Rock and Minerals, Environmental Issues, Recycling, Solar System, Ocean Life, Animals, and Plant Life.

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## #60MD65



Two Semesters 1 Social Studies Credit

### Career Social Studies

Basic use of maps to find cities and states, directional and geographical landform. Students will also explore their role as citizens, the constitution, basic U.S. government, elections, national symbols, and current events.

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## #50BL18



One Semester .5 Math Credit

### Pre-Algebra Concepts A & B

Pre-Algebra Concepts A & B is a rigorous intervention class that will cover the fundamental concepts of Pre-Algebra. This class will focus on the student's individual needs regarding concepts such as equations, functions, systems of equations, and inequalities. Students will learn through a variety of methods that include small group instruction, modeling, software, and other technology components designed to enhance understanding.

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## #50BL19



One Semester .5 Math Credit

### Algebra 1 Concepts A & B

Algebra 1 Concepts A & B is a rigorous intervention class that will cover the fundamental concepts of Algebra 1. This class will focus on the student's individual needs regarding concepts such as equations, functions, systems of equations, and inequalities. Students will learn through a variety of methods that include small group instruction, modeling, software, and other technology components designed to enhance understanding.

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## #50BL20



One Semester .5 Math Credit

### Geometry Concepts A & B

Geometry Concepts A & B is a rigorous intervention class that will cover the fundamental concepts of Geometry. This class will focus on the student's individual needs regarding concepts such as parallel & perpendicular lines, transformations, properties of triangles, circles, and polygons. Students will learn through a variety of methods that include small group instruction, modeling, software, and other technology components designed to enhance understanding.

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## #50BL21



One Semester .5 Math Credit

### Algebra 2 Concepts A & B

Algebra 2 concepts is a rigorous intervention class that will cover the fundamental concepts of Algebra 2. This class will focus on the student's individual needs regarding concepts such as equations, functions, systems of equations, and inequalities. Students will learn through a variety of methods that include small group instruction, modeling, software, and other technology components designed to enhance understanding.

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## #85RR01 Supported Studies 1 #85RR02 Supported Studies 2

One Semester .25 Elective Credit

### Supported Studies 1 & 2

Supported Studies is a course designed for students needing specially designed instruction. The class provides targeted interventions/instruction on specific goal areas with frequent progress monitoring. In addition, students will receive intervention support/tutoring in their academic courses and assessment/instruction on transition goals written in their individual plan.

**Students may repeat this course as needed**

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## #85RR03

One Semester .5 Elective Credit

### Decisions

Decisions provides explicit teaching strategies and approaches for improving processing skills, social skills, and positive behavior. In addition, students will receive intervention support in their academic courses with explicit instruction on time management and executive functioning.

**Students may repeat this course as needed**

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## #85WS05 Career & Employability 1A #85WS06 Career & Employability 1B #85WS07 Career & Employability 2A #85WS08 Career & Employability 2B

One Semester .5-2 Elective Credits

### Career & Employability Development 1A, 1B, 2A, 2B

1A & B involves in-school workstations and volunteer community sites. \*\*More or less credit may be awarded.

2A & B involves paid community employment. \*\*More or less credit may be awarded.

**Students may repeat this course as needed**

## Exploring Programs/Zoo School



### Exploring

**Exploring** is the Simon Kenton Council's (Boy Scouts of America) career education program for young men and women who are 14 through 20 years old.

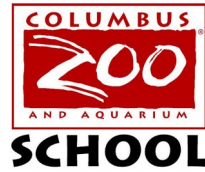
Exploring's purpose is to provide experiences to help youth mature and prepare them to become responsible and caring adults. Exploring is based on a unique and dynamic relationship between youth and the organizations in their communities. Local businesses and organizations initiate an Explorer post by matching their professionals and program resources to the interests of the youth in the community. The result is a program of activities that helps youth pursue their special interests, grow and develop. Explorer post meetings take place at the actual worksite after the school day about once a month during the school year (time commitment and schedule vary by posts).

Benefits for students involved in Exploring include:

- Gain practical knowledge and experience in a career
- Engage in a program of activities which will encourage personal and career development
- Experience positive leadership from adult mentors
- Build relationships with working professional in their career choice
- Great experiences to talk about in job interviews

Elective credit can be earned through Exploring in a variety of content areas. The credit is earned through the district's credit flexibility program. **To be eligible for credit, students must complete an Educational Options Credit Flexibility application and proposal AND receive approval from the district credit flexibility committee.** The details about earning credit through credit flexibility and Exploring can be found on the school district's website at [www.hilliardschools.org](http://www.hilliardschools.org).

For more details, contact the Simon Kenton Council at 614.436.7200.



The **Columbus Zoo** offers a half day high school experience for juniors and seniors who are interested in zoology, veterinary medicine or other related studies.

The Zoo School is designed to give students greater insight and understanding of the excitement and demands of science. The program curriculum is zoology driven, research focused, rich in the use of technology and application based.

Admission to the Zoo School is selective, and seats are limited. Student qualities include self-motivated/directed learner, responsible, reliable and curious with a desire to produce high-quality work. Students earn high school credits in science, math and an elective. College credits are also available.

The student's family is responsible for assuring that daily round trip transportation is provided for their student.

Interested students should contact their school counselor to learn more and discuss application procedures early in their high school career to ensure deadlines are met.

## Experiential Learning Opportunities

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### Hilliard Co-Op

In this course, students will have the opportunity to earn credit for participation in a co-op experience. Co-op experiences may take place during or outside the school day and may include site-based or project-based opportunities. Co-op experiences will allow students to engage in real-world learning and explore potential career pathways. Students will be expected to complete onboarding experiences with an assigned co-op advisor prior to starting the co-op experience. Students will participate in planning, goal setting, and other skills aligned to the OhioMeansJobs Seal. Students must pro-actively secure their own co-op experience and transportation by working with their counselor, teacher, employer, or another adult.

**Prerequisite:** On track with graduation requirements.

Available to 11th & 12th grade students

**Time Frame:** Semester (Students may be expected to work outside of the student's scheduled day.)  
**Credit:** 0.5—1.5 (repeatable up to a maximum of 3.0 credits based on time)

**Course Overview:** The Hilliard Co-Op course is designed to be scheduled during the school day, allowing you to balance academics while actively participating in a co-op placement outside of school. The co-op experience will be connected to post-secondary pathways and/or a project-based learning opportunity, in order to help you develop practical skills and knowledge relevant to your future career aspirations. All co-ops will need to be approved by the instructor (current employment situations will be considered on a case by case basis).

**Course Objectives:** The course work in Hilliard Co-Op will be aligned with the Ohio Means Jobs Seal, focusing on employability skills such as interviewing techniques, and more. Additionally, it will incorporate post-secondary success strategies to equip you with the tools and insights necessary for a smooth transition to post-secondary education/training or the workforce.

**Course Meeting Requirements and Credit:** To ensure a productive learning experience, you will be required to attend onboarding sessions at the beginning of the semester (dates TBD) and required to meet (potentially virtually) at least twice per month during a co-determined time. These meetings will allow for mentorship, guidance, and progress evaluation. In addition, weekly meetings may also be necessary. Credit and grades for this course will be awarded based on the meetings above, required coursework and co-op hours met. Co-ops must meet for a minimum of 4 hours per week and for every 4 hours per week, .5 high school credit may be earned, up to 12 hours per week for 1.5 credits. Sixty hours per semester, minimum, is required.

#### Next Steps:

- Start exploring potential co-op placements aligned with your interests and career goals.
- Contact employers or organizations to inquire about available opportunities.
- Secure a co-op placement as soon as possible, but no later than the 4th week of the 9-week term
- Look for more information about this course re: onboarding date and times.

We are excited about the possibilities that the Hilliard Co-Op course offers and believe it will greatly benefit your personal and professional development. Should you have any questions or require further assistance, please do not hesitate to reach out.

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Multiple Course Code #'s

Multiple Semesters

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### Career Based Intervention (CBI)

Career Based Intervention is a program that encourages students to explore various career pathways within the classroom as well as outside of class (i.e. job shadowing, service learning, and job experiences). The program helps students who need an alternative or non-traditional learning environment. CBI helps students to meet their academic, social, and emotional needs and skills as required for the 21st century. The program helps students to become focused on graduation and their future career path.

The CBI program combines in-class work with a variety of employability experiences in a variety of settings. Class participation, labs, group projects, and in class assignments are all essential elements in the CBI curriculum. Students must apply for CBI through their school counselor.

If a student is interested in meeting with a counselor to discuss how a personalized learning plan can help make their educational experience better, please notify your counselor.

## Industry Recognized Credentialing Programs

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### Pre-Apprenticeship 12 PT Credential

The Pre-Apprenticeship program teaches basic technical and job-readiness skills for a designated apprentice occupation or sector to prepare students for a formal Registered Apprenticeship training program. Hilliard City Schools is continually working with partners to create opportunities for students to engage in these meaningful Work Based Learning (WBL) activities to help prepare them for their future careers. Successful completion of an approved pre-apprenticeship program enables students to earn 12 credential points and the Industry Recognized Credential (IRC) Graduation Seal.



Worthington Steel in partnership with local high schools, offers The Worthington Steel Workforce Experience (WSWE) – a 14-week, pre-apprenticeship program designed to give interested seniors the opportunity to discover careers in the manufacturing industry. The WSWE program offers both classroom and hands-on training, with the potential for participants to join our full-time team upon completion. Worthington Steel will work to educate students by combining career readiness skills training, in areas such as safety, communications, finance and problem solving, with hands-on techniques they will use in their day-to-day work. Students will also spend time working on the production floor. We incorporate a **paid** Production Associate internship as a part of this curriculum. Students go to work during the school year and learn the same skills as our entry level employees.



R.T. Moore is a plumbing/HVAC locally owned company which has been family owned and operated since 1955. Their work exists in Florida, Indiana, and, most recently, Ohio. The company has a fully **paid** apprentice training program for both plumbing and HVAC. They are actively recruiting the Hilliard student who is “hungry, humble and smart.”

Students selected for this pre-apprenticeship opportunity will begin training within the plumbing field. They offer competitive wages with set increases within the training programs. Those students offered full-time employment receive medical, dental, and vision insurance, as well as a lucrative 401k profit sharing option. Paid company holidays are part of this employment package. The Launch Program provides trainees to learn either the plumbing or HVAC apprenticeship.

R.T. Moore’s family feel allows for small trainee-to-trainer ratios, a set training curriculum, and proven training processes that develop life-long apprenticeship skills. All of this is accomplished within a 10-24 month period. Opportunities may expand for those students who take advantage of this life-changing career.

## Industry Recognized Credentialing Programs

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Rosati Windows is a family-owned business striving to continue expanding their reach into the work force. Rosati Windows was founded back in 2000, and since then, they've grown to new heights. Today, they are a top manufacturer of replacement windows and doors in the Columbus and central Ohio area. Beyond windows, they also specialize in high-quality doors. Over the years, they have been ranked as one of the fastest-growing private companies in America and won awards from the Columbus Chamber of Commerce, Angie's List, Consumers' Choice, and the National Association of the Remodeling Industry.

They are excited about the **paid** pre-apprenticeship opportunity available for Hilliard seniors wanting to enter this career field of window and door installation.

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ECO is one of the fastest growing companies in the central Ohio region. Their mission is to "hire for attitude and train for success." Helping people and delivering the best residential plumbing service in Ohio has been their goal since 2007. The team at ECO Plumbers is passionate about providing a 5-star service experience that educates and guides people to confident decisions about their homes. This family-owned Hilliard company opened its first training center in January 2021 called the ECO Plumbers University. This opportunity provides people to learn the plumbing trade and create a rewarding career. The Nextech Academy course teaches students the knowledge and care necessary to become an independent service professional.

We are excited to offer this pre-apprenticeship opportunity to our interested Hilliard students.

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**HAMILTON  
PARKER**

Hamilton Parker is a leading building material supplier with a diverse product offering unmatched in the industry. Whether you're simply remodeling or are starting a new home build project, our selection of residential and commercial construction products will make any job uniquely inspired and uniquely yours. From masonry and tile to garage doors and fireplaces, Hamilton Parker has the wide selection of building materials the construction industry relies on. We also offer specialty products, like imported tile, large format tile, thin brick, and more.

With this **paid** pre-apprenticeship, students will have the opportunity to install fireplaces, garage doors, or work on the sales side of the organization.

## Industry Recognized Credentialing Programs

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### #980035

Two Semesters  
2 semester credits

### AVIATION ACADEMY

Aviation Academy Students in this academy will explore multiple aspects of the aviation industry and fundamentals in aviation while gaining insight into the many careers available in aviation. By the end of year one, students will be prepared to take the FAA Part 107 remote pilot license exam and the Unmanned Safety Institute (USI) Level One Safety Certificate to take the drone remote pilot license. Year two will prepare students to take the visual line of sight credentials (passing these credentials will help meet graduation requirements). Space is limited and students will be selected first by seniority, then lottery to participate. Aviation Academy offers the following possible credentials: FAA Part 107 Remote Pilot Certificate, Unmanned Safety Institute (USI) Level One Safety Training, CPR Certification, First Aid Certification. Upon successful completion of both years and passing scores on WebXams, students may receive a possible 3-12 semester hours of Career Technical Assurance Guide (CTAG) credit at any Ohio Public University for applicable aviation courses.

#### Year One:

*1st semester - #150012 Intro to Aviation*

*2nd semester - # 150018 Aviation Uncrewed Aircraft Systems*

#### Year Two:

*1st semester - #150017 Airport Management*

*2nd Semester - #150018 Aviation Meteorology*

**This is a double block course.**

**We are continuing to add to our Industry Recognized Credentialing Programs, so keep checking back to see what is added.**

# Credential Programs



Below are the possible Industry Credentials that students may earn as a part of their program at Tolles. Please note that even though there may be a credential attached, that does not mean each student will be receiving that credential, as there is a test a student must take and pass for some credentials. To earn the Industry Credential Seal for graduation, students must earn a total of 12 points.

**Please check with your Tolles counselor or teacher as test scores may not be received in time to earn graduation seals.**

Credential Name	Points	
CA54	Adobe Certified Professional - Illustrator CC	4
CA73	Adobe Premiere Pro CC	4
CA79	ASP Baton Certification	1
CB15	Cisco CCNA (Cisco Certified Network Associate)	12
CB40	Comp TIA A+	6
CB44	Comp Tia Security+	6
CB45	Comp TIA IT Fundamentals	6
CB54	Comp TIA Cloud Essentials+	6
CB62	CPR/First Aid	1
CE13	ICAR - Collision Repair	12
CE16	ICAR Pro Level 1 Refinishing Technician Certification	12
Cert	ODE Online Training Ohio's Overview	0
CG65	Part 107 Remote Pilot Certification	6
CH36	ASE - National Institute for Automotive Service Excellence - ASE Suspension & Steering	12
CH48	ASE - Automotive Automatic Transmission/Transaxle	4
CH49	ASE - Automotive Brakes	4
CH50	ASE - Automotive Electronic/Electrical System	4
CH51	ASE - Automotive Engine Performance	4
CH52	ASE - Automotive Engine Repair	4
CH53	ASE - Automotive Heating & Air Conditioning	4
CH54	ASE - Automotive Maintenance and Light Repair	4
CR63	Ohio Driver's License	1
CH55	ASE - Automotive Manual Drive Train and Axles	4
CH63	ASE - Automotive Suspension & Steering	4
CH84	(NIMS) FEMA IS 100	1
CH85	(NIMS) FEMA IS 700	1
CH91	NCCER Core	6
CH93	(NIMS) FEMA IS 800	4
CH94	(NIMS) FEMA IS 200	4
CJ02	OSHA10	1
CJ102	OSHA 10	1
CJ16	STNA	12
CJ19	EMT Basic	12
CJ22	Firefighter 1	12
CJ23	Firefighter II	12
CJ29	Ohio State Board of Cosmetology - License of Cosmetology	12
CJ34	Certified Pharmacy TechExCPT	12
CJ36	OC Pepper Spray	1
CJ50	HazMat (Hazwoper)	1
CJ55	Group Fitness Instructor	3
CJ56	American Medical Certification Association (AMCA) - Billing Coding Specialist Certification	12
CJ69	Child Abuse	1
CJ70	Communicable Disease	1
CJ93	Forklift Operation	2
CJ94	Manlift Operation	2
CJ99	Pre-Apprenticeship Program	12
CL08	Solidworks CSWA (Associate)	4
CL09	Solidworks CSWA (Professional)	6
CL10	Allen Bradley / Rockwell Automation PLC	6
CL30	(EETC) 4-cycle Operation Certification	1
CM03	Pro Start Level 2	9

# Credential Programs



<u>Credential Name</u>	<u>Points</u>
CM10 Avid Certified User Tools	4
CM13 FANUC Robotics	6
CP05 Bleeding Control Basic 1.0	1
CP13 FANUC Certified CNC	4
CP32 Lead4Change - Student Leadership	3
CP41 Elanco Veterinary Medical Application	6
CP74 American Welding Society (AWS) – Welding Qualification (GMAW)	9
CP75 American Welding Society (AWS) – Welding Qualification (GTAW)	9
CQ07 Lead4Change Student Leadership	3
CQ68 NCCER Level 1 Carpentry	6
CQ73 ParaPro 6 CQ74 Parker Hydraulics	4
CQ77 ServeSafe Allergens	1
CQ78 ServeSafe Food Handler	1
CQ79 Serve Safe Manager	3
CQ80 Serve Safe - Person in Charge	1
CR07 Snap-on Torque Certification	3
CR67 Small Unmanned Safety Institute Certification Level 1	6
CR77 American Red Cross Lifeguarding Certification	4
CR91 Certiport Communication Skills for Business	1
CR95 Blood Borne Pathogens	1
CS42 NIS Excavator Operator	2
CS43 NIS Skid Steer Operator	2
CS45 Ohio High School Athletic Association - Officiating License	4
CS46 Ohio State Board of Cosmetology - Boutique Services: Braiding	3

## Below are the possible Industry Credentials that students may earn as a HCS student.

Please note that even though there may be a credential attached, that does not mean each student will be receiving that credential, as there is a test a student must take and pass for some credentials. To earn the Industry Credential Seal for graduation, students must earn a total of 12 points.

<b>Media Arts 1</b>	Adobe Certified Professional - Illustrator CC	4
<b>Business Explorations</b>	Six Sigma Yellow Belt*	3
	Six Sigma Green Belt	6
<b>Marketing</b>	Google Ads	3
	Autodesk Inventor Certified User	4
<b>Engineering</b>	Autodesk Fusion 360 Certified User	4
	Entrepreneurship and Small Business	3
<b>Entrepreneurship</b>	Leadership Excellence	3
	MOS PowerPoint	3
<b>Future Ready</b>	Lean Six Sigma Yellow Belt*	3
	CPR/First Aid	1
<b>Health, Online Health</b>	Stop the Bleed	1
	RISE Up Customer Service and Sales	6
<b>Independent Study</b>	RISE Up Retail Industry Fundamentals	6
	Valid Ohio Driver's License	1
<b>Career Explorations**</b>	Lead4Change	3
<b>Construction Technology **</b>	Career Connections Certificate	10

[Click here](#) to view our Industry Recognized Credentialing Opportunities by career field.

\*Credentials in online courses may vary

\*\*Middle School courses

## Mosaic/Tolles

### **mosaic**

**Mosaic** is sponsored by the Education Council. It is designed as a two year experience for high school juniors and seniors, although seniors may enter the program for a one year experience. The curriculum is project-based, integrating English, social studies, art and cultural studies. Students receive one credit each for English and social studies and one-half credit each for cultural studies and art.

First year participants attend their home school in the morning and then attend Mosaic from 12:45-2:50 pm. Second year participants attend Mosaic from 8:00-10:00 am and return to their home school in the afternoon.

In the spirit of community involvement, Mosaic classes are based at the First Congregation Church, 499 E. Broad St. Classes also meet at the Columbus Metropolitan Library, The Ohio State University, First Congregational Church, Wexner Center for the Arts and the Columbus Museum of Art.

The most successful candidates have a strong commitment to independent learning, are capable of assuming responsibility for self-direction, work well with others, and have an interest in multicultural/global issues and/or the arts.

The student's family is responsible for assuring that daily round trip transportation is provided for their student.

Students interested in participating in Mosaic should contact their school counselor. There are a limited number of seats available for Hilliard students in this program.

### **tolles**

Tolles offers tuition-free career & technical programming to students who are interested in pursuing their education at a two- or four-year university; students interested in pursuing a career immediately after high school; or a combination of both. **As Tolles is considered an extension of Hilliard City Schools, students are required to meet graduation requirements in order to graduate from their respective Hilliard high school.** In addition to receiving their high school diploma, students who successfully complete a Tolles program will receive a Certificate of Completion and Career Passport from the Center.

Tolles offers a full range of college preparatory academics. Tolles provides students with several opportunities to receive college credit through the College Credit Plus and articulation agreements. Articulation agreements with several central Ohio two- and four-year colleges provide students with the opportunity to receive college credit for successful completion of certain programs.

Many Tolles students continue their education at the post-secondary level, Nearly 60% go on to post-secondary institutions and last year graduates received over \$600,000 in college scholarships.

Full-day and half-day options are available to students. Students may choose to take their academics at a Hilliard High School or at Tolles. Transportation is provided to and from the Center.

#### **Entrance Requirements**

Tolles admission requirements include the following:

- 10<sup>th</sup> grade students must have earned five overall credits prior to starting at Tolles, with a minimum of four Ohio Core Credits, which must include Algebra 1.
- 11<sup>th</sup> grade students must have earned ten overall credits prior to starting at Tolles, with a minimum of seven Ohio Core Credits, which must include Algebra 1.
- 12<sup>th</sup> grade students must have earned twelve overall credits prior to entering Tolles, with a minimum of ten Ohio Core Credits, which must include Algebra 1.

\*\*The only students who are denied are incoming sophomores who do not meet credit requirements. Juniors and seniors who do not meet credit requirements are still accepted as a half-day-only option as long as program seats are available AND the parent and counselor support it.

It is strongly suggested that students satisfy their Health and Physical Education credits prior to attending Tolles.

#### **Additional Information**

For more information about Tolles, please contact your Hilliard counselor or call Tolles at (614) 873-4666; alternatively, visit the Tolles website at [www.tollestech.com](http://www.tollestech.com).

# Tolles

To Schedule Tolles courses, please use the appropriate course code number:  
#980001 Tolles (Full day)  
#980002 Tolles (AM)  
#980003 Tolles (PM)

## Agriculture & Environmental Pathway

### Animal Management & Services

Turn your love for animals into the foundation for your future. You will learn a wide array of practical skills and how to: handle and restrain all sizes of animals, clean and groom animals, assist in the operation of a kennel or animal grooming facility, administering vaccinations, meet the nutritional needs of a variety of animals, maintain sanitary and healthy environments for confined animals, and train animals. Start a career in animal research, training, breeding, agriculture, grooming, or pet store management.

### Outdoor Careers

You can help conserve our planet while getting an education rooted in your love for the great outdoors. At Tolles, you can begin growing a unique career with fresh air and natural scenery. You will: oversee real-life indoor and outdoor projects, develop and maintain recreation environments, get connected to industry leaders to further your education and training, gain practical experience on campus with Tolles' 10-acre woods, creek, two-acre pond, large vernal pool, one-hole golf course and large natural areas, and learn how to safely operate industry equipment.

## Art & Communication Pathway

### Art, Design & Communications

Students entering this program do not need prior design experience – just a passion for visual problem-solving, communication and creativity. At Tolles, you can take your artistic interest and turn it into a long-term career in design, marketing, advertising or even animation! You will learn: manual drawing techniques, painting, photo editing and graphic design, how to use Adobe Photoshop, Illustrator and In Design, how to work with various types of media and methodologies, how to create and maintain a creative portfolio.

## Career Exploration

### Career Exploration Academy

“If you need help figuring out your career goals, Career Exploration Academy is for you. This year-long program offers sophomore students opportunities and experiences for personal growth and career exploration. You will get to spend the year exploring various career fields and programs offered at Tolles through hands-on experiences inside the labs of your choice. This will provide deeper insight into Tolles’ programs and different career pathways. This program also provides priority status to students who decide to apply to Tolles for their junior year.”

## Construction Technologies Pathway

### Construction Technologies

This program provides a broad overview of the high-demand construction industry, a career pathway that is fast-growing and in need of highly skilled workers. At Tolles, you will spend your time learning, designing, planning, managing, building and performing construction activities. Get hands-on industry experience and start building the career you want. Become an Ohio Certified Nursery Technician, Arborist, Skid Steer Operator and Pesticide Applicator.

## Education & Training Pathway

### Early Childhood Education

Students who have a heart and mind for children and learning are perfect for this program. At Tolles, you will get real-world experience in our state-licensed learning center and preschool that will prepare you for a career as a licensed child care provider or nanny, preschool teacher or teaching assistant and more. You will jumpstart your education career before entering college and learn: how to promote physical, social, emotional and cognitive development, essential skills in teaching, leadership, management and lesson planning, how to establish a safe and developmentally-appropriate environment for children, professional skills necessary to run a successful preschool or early childhood education center, and how to supervise, guide and care for children during their learning experiences.

# Tolles

To Schedule Tolles courses, please use the appropriate course code number:  
#980001 Tolles (Full day)  
#980002 Tolles (AM)  
#980003 Tolles (PM)

## Health Sciences Pathway

### Exercise Science

“Health and fitness is a booming business, and that is making the exercise science field more important than ever. If you are active and love to invest your time in other people, an Exercise Science education at Tolles will help prepare you for a career in a wide variety of fields ranging from physical therapy to athletic training to group fitness and everything in between.”

### Pre-Nursing

If caring for and assisting others is in your nature, then foster your future with us. You will learn: National Healthcare Standards, nursing skills and medical terminology, anatomy, physiology and medical math, technical communication and leadership skills within real medical settings, and First Aid and CPR.

### Pre-Veterinary Technician

Channel your fondness for animals into a lucrative career. This program will prepare you for a career in animal health while simultaneously preparing you for careers in many different healthcare fields.

### Pharmacy Technician

Pharmacists and pharmacy technicians develop connections with their patients and work closely with other healthcare professionals. You will receive real-world pharmacy experience with advanced industry technology, providing you with a solid foundation for any healthcare career. You will: earn a National Pharmacy Technician Certification, learn medical terminology and communication skills applicable to healthcare careers, learn how to use standard pharmacy software and technology, receive all required training and skills needed to work as a pharmacy technician, gain pharmacy management and customer relation skills that will aid any healthcare profession.

## Hospitality Services Pathway

### Culinary Arts

Food is anywhere, which means there are a lot of different things you can do and be all around the world. At Tolles, you will get a hands-on, real world learning experience in a professional kitchen. Learn how you can turn your passion into an exciting career. You will learn: how to operate in a safe and sanitary environment, current cooking methods and culinary techniques, how to prepare a wide variety of foods and pastries, how to use tools and equipment technical, communication and management skills within a real business setting, knowledge required to earn your ServeSafe Management and ProStart Program certifications.

## Human Services Pathway

### Cosmetology

The Cosmetology program is rooted in practical skills that will create a solid foundation for a career in the beauty industry. At Tolles, you can take your artistic passion and turn it into a long-term career in a spa, salon, retail industry or beauty school. You will learn: how to cut, perm, relax, color, bleach and highlight all type of hair, how to complete manicures, pedicures and facials, how to keep work stations and tools clean and sanitized, how to operate a full-service salon and spa that is open to the public, management and customer service skills.

## Information Technology Pathway

### Cybersecurity

Are you a problem solver wanting to make a difference? If so, Tolles can help you turn your interests into an exciting ever-evolving, technical career in a variety of high-demand fields like Network Engineering, Cyber Security and IT Support. You will develop the skills necessary to succeed in the industry in our on-campus, state-of-the-art lab, learn how to install and configure software programs and provide support and training, learn how to operate and maintain computer systems, develop technical knowledge of IT project planning methodology, learn how to design, implement and troubleshoot network infrastructures and security for computer and network systems. With great job placement and continued education opportunities, Tolles gives you the foundation you need for success in the fast-paced computer network and IT industry.

# Tolles

To Schedule Tolles courses, please use the appropriate course code number:  
#980001 Tolles (Full day)  
#980002 Tolles (AM)  
#980003 Tolles (PM)

## Law & Public Safety Pathway

### Criminal Justice

Are you ready for a challenge? At Tolles, you will get hands-on, real world experience working in the community and learning from law enforcement, military and public safety experts. Explore a wide-range of opportunities in criminal investigations, forensics, emergency response and security. Learn how you can turn your passion into an exciting career. You will learn: skills relevant to police work, forensics and security, how to operate equipment and technology in law enforcement and public safety fields, skills for emergency response, self-defense tactics and necessary fitness training, technical, communication and management skills within a real community setting.

### Firefighting/Emergency Medical Service

During this rigorous, competitive, and rewarding program, you will get hands-on experience training with highly qualified industry professionals in simulated and live burn scenarios. Learn how you can turn your passion into an exciting career. You will learn: first Aid and CPR, Emergency Vehicle Drivers Training, fire suppression, rescue, and emergency medicine, Hazardous Materials Training, and general operation of required tools and equipment.

## Manufacturing & Engineering Pathway

### Engineering Technologies

This program will prepare you for careers in engineering, robotics and manufacturing as a mechanic, production manager, engineering technician and quality assurance inspector. At Tolles, you will get hands-on learning experience in one of the most advanced robotics and manufacturing labs in the region. You will learn: how to operate 3D printers to create and assemble models, how to use tools, equipment and software found across the industry, VEX robotics, engineering design, principles and manufacturing, and how to operate precision manufacturing equipment.

### Welding & Fabrication Technologies

At Tolles, you can turn your mechanical interest and steady hands into an in-demand career in the fast-growing welding industry. You will get hands-on, real world learning experience in our on-site welding lab while working on technical projects for actual clients. Learn how your career can help build the future. You will learn how to read blueprints and study essential welding and fabrication procedures, gain experience with standard welding processes like Stick, MIG, TIG and Flux Core, gain skills with standard cutting techniques using Oxyfuel and Plasma.

## Transportation Systems Pathway

### Automotive Technologies

Get the hands-on experience in a state-of-the-art auto lab that you will need to be successful in the auto industry. Turn your passion into an exciting career. You will learn real world industry skills while you work on real customer vehicles, how to diagnose and repair engine performance concerns, how to diagnose and repair electrical systems, how to perform oil changes, tire rotations, brake system repairs, and many other maintenance tasks, and relevant and practical information regarding transportation systems.

### Automotive Collision Repair

Students at Tolles work in a state-of-the-art auto collision lab with an industry-standard paint booth that allows students to work on real-world projects while training within the program. At Tolles, you can turn your interest and passion for cars into a reliable and growing career in the auto industry.

### Power Sports & Auto Services

Dedicated students will have opportunities to work on school equipment, their own equipment and customer service jobs to learn how to service and maintain a wide variety of gas and compact diesel engines, procedures to diagnosis problems and make repairs, how to use electrical test equipment to diagnose and repair electrical concerns, and a variety of skills applicable to most mechanical careers in a variety of environments and industries.

## Tolles

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To Schedule Tolles courses, please use the appropriate course code number:  
#980001 Tolles (Full day)  
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#980003 Tolles (PM)

Students who attend Tolles Career and Technical Center for the eleventh and twelfth grade years are to successfully complete **21.0 credits**:

English	4.0 Credits
Health	0.5 Credit
Social Studies	2.0 Credits
P.E. ***	0.5 Credit
U.S. History	0.5 Credit
Future Ready	0.5 Credit
U.S. Govt.	0.5 Credit
Science *	3.0 Credits
Electives**	5.0 Credits
Math	4.0 Credits
Financial Literacy	0.5 Credit

\*One unit Biology and one unit Physical Science

\*\*One unit or two half units from: Fine Arts, Foreign Language, or Business Technology (any course in the Business, Computer Science, or Pre-Engineering Program) **Tolles Labs count toward this elective.**

\*\*\*Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading ([click here](#)). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.0 credits).

Students who attend Tolles and return to their home school shall complete the prescribed requirements for graduation as indicated on page [4](#) and [5](#).

Note: Senior Only Programs are provide the opportunities to obtain industry-recognized credentials to jumpstart their future, and increase their earning potential. ([Tolles Senior Only Programming Overview](#))

# Tolles ELITE Program

## *Experiential Learning in Technical Education*

The Tolles **ELITE** program is designed to allow associate school students the opportunity to gain experience in a career field of their interest. Students attend school for their necessary classes and then travel to an experiential learning business partner.

Type	Scheduling Options
<p><b>Shadowing Experience</b></p> <ul style="list-style-type: none"> <li>Provides opportunities for students to observe professionals in work settings, learn the requirements of various professions, understand the type of work-related tasks required in the chosen career field, and experience the flow of a typical workday</li> <li>Tolles application</li> </ul>	<ul style="list-style-type: none"> <li>Blocked periods (at least two periods)</li> <li>Beginning of the school day</li> <li>End of the school day</li> <li>During non-school hours</li> <li>Weekends</li> </ul>
<p><b>Paid Internship</b></p> <ul style="list-style-type: none"> <li>Student gains hands-on experience in career pathway where their interests lie.</li> <li>Student, employer, parent, &amp; Tolles establish work schedule prior to start of experience</li> <li>10 hours per week at minimum (weekends can be included)</li> <li>Tolles application</li> <li>Interview process with employer</li> </ul>	

Students must meet several criteria to be considered for an **ELITE** placement. Applications will be holistically assessed using the following guidelines.

Criteria	Details
Attendance	95%
Discipline	Major categories - no record Minor categories - short record Must pass employer background check, physical & drug screen, if applicable
Academics	2.5 GPA & on-track to graduate Maintain C or better in all classes (based on report card grades)
Recommendation	Counselor or Administrator recommendation to Coordinator
Transportation	Students are responsible for their own transportation

### How to start?

- Step 1. Speak to your school administrator or counselor about your eligibility.
- Step 2. Complete the Tolles **ELITE** application and return to Mr. Cawley.
- Step 3. If student meets basic eligibility requirements, the student attends an orientation with Mr. Cawley to discuss interests and placement opportunities.
- Step 4. Mr. Cawley matches student interests with potential employers and gauges appropriateness of employer to host students.
- Step 5. Student interviews for **ELITE** opportunity with employer.
- Step 6. All parties (Employer, Student, Parent, Coordinator, and Administrator) sign the Employment Agreement.
- Step 7. Student begins employment on assigned start date.
- Step 8. Internship Coordinator conducts routine site visits, discusses student performance and completion of competencies with employer. The student will submit Weekly Report of Hours to Mr. Cawley.

## Independent Study/Correspondence Courses

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### Independent Study

Recognizing that learning situations must be organized in such a fashion as to influence the ebb and flow of student interests, the Independent Study may be offered to the student who is willing to abide by the following:

1. The student must be able and willing to work **independently** of the classroom teacher.
2. The student will arrange with a sponsoring teacher a mutually agreeable number of conferences for organizing, planning, and evaluating the Independent Study.
3. The student will meet all teacher requirements, guidelines and deadlines for an Independent Study.
4. The building principal will certify that the study has been completed satisfactorily and will award all credit for the study. (This will be done in concert with the sponsoring teacher.)
5. Independent Study grades will be posted each 9 weeks.
6. Any fees required for the course will be paid by the student and/or parent.
7. **This Independent Study is to be completed by a date established by the principal or his/her designee.**
8. The teacher is required to submit a letter grade each 9-week grading period as well as a final grade for completion.
9. Paperwork must be finalized by the last school day in September for a 1st semester (.25/.5 credit) or yearlong (1.0 credit) course, **OR** the last school day in January for a 2nd semester course (.5 credit).

### Correspondence Courses

Recognizing that systematic instruction by mail or electronic media between a pupil and instructor is sometimes desirable, students may be permitted to participate in correspondence study with the following guidelines:

1. Total costs of correspondence study will be the student's/parent's responsibility.
2. The course must be selected from a district-approved list.
3. The student's school counselor must prove all correspondence courses and all paperwork must be submitted prior to beginning any coursework.
4. The ultimate responsibility for the timely completion of the correspondence course rests with the student.
5. Class placement and graduation are dependent on the timely receipt of grades. This is the responsibility of the student. Course should be completed by May 10<sup>th</sup>.
6. Only a final grade is recorded for a Correspondence Course. Correspondence course grades will not be factored into the student's grade point average until course work is completed and posted.

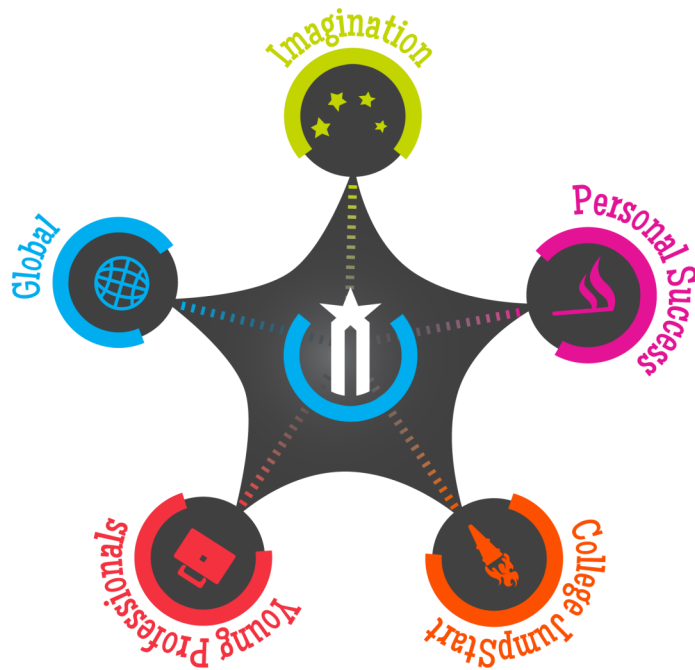
Correspondence Course grades will not show on the report card; however, the final grade will appear on the student's transcript. **Requests to not record a correspondence course grade will not be considered.**

Students using a Correspondence course for first time credit are encouraged to seek approval through the Credit Flexibility program prior to beginning the course.



# INNOVATION CAMPUS

HILLIARD CITY SCHOOLS



*Revolutionary ideas & experiences  
That customize learning to meet  
The educational needs of our community.*

## Networks Defined

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This network is designed for the student who wants to creatively explore learning through the lens of the humanities. Advanced levels of the arts, language, and other forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.



Global Network -This network prepares learners to thrive in a rapidly changing global society. Learners need a broad range of experiences to build their knowledge of the world and understand their place in it. The Global Network will aim to prepare all learners to think critically, observe skillfully, reflect thoughtfully, and participate meaningfully in authentic experiences both in their local community, as well as their global community.



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.



This network is designed for the student who wants to experience higher education during their high school career. Through a partnership with local institutes of higher learning students will be able to enroll in college level courses, participate in dual enrollment courses on-site, and/or earn college credits prior to graduation. This network is truly for the student who wants to personalize their learning by getting a jumpstart on their college career.



This network is designed for the student who wants to experience school in a very personalized way. Consider trading the traditional bricks and mortar classroom with an online experience, small group learning, or one to one learning sessions. Together, a personal learning plan will be created for each student no matter the goal. This network is for the student who wants to put themselves on an individual plan for success.

## Academy VIBE/Academy VIBE 2

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This network is designed for the student who wants to creatively explore learning through the lens of the humanities. Advanced levels of the arts, language, and other forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.

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### Academy VIBE: Audio and Video Production

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#650010

Two Semesters

2 Fine Arts Credit

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Students will explore the fundamentals of today's music, audio, and video production industries through hands-on, project-based learning. They will receive individual and small group coaching to compose, record, produce, and perform original music while learning the basics of sound engineering and music technology. In addition, students will develop skills in video, TV, and film production, including concept development, script writing, camera operation, lighting, sound, and video editing using industry-standard equipment, drones, and editing software. Students will have opportunities to create original music videos, public service announcements, and commercials, with potential for paid projects, and gain exclusive access to the professional recording studio located on the Innovation Campus.

### Academy VIBE 2: Advanced Audio and Video Production

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#650011

Two Semesters



2 Fine Arts Credit

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As a continuation of Academy VIBE, students will deepen their skills in music and audio production as well as film and video creation. They will work individually and in small groups to compose, perform, and record original music or cover songs, producing professional-level recordings, while also expanding their abilities in video, TV, and film production using professional equipment, cameras, lights, drones, and editing software. This course emphasizes student voice and choice, encouraging collaborative projects across the Innovation Campus, the school district, and the Hilliard community, with opportunities for internships and paid projects. VIBE 2 is available to students who have completed Academy VIBE or receive teacher approval.

# Career Mentorship



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.




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<b>#350045</b>	<b>Career Mentorship 1</b>	One Semester	1 Elective Credit
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**What is Career Mentorship?** This semester course offers students the opportunity to experience an authentic and realistic view of a career field of the student’s choice that they may be interested in pursuing in the future. By gaining 50+ hours of first-hand on-site experience, students are prepared to choose a career that aligns with their passions, strengths, and interests. Students will also have greater insight to help them identify the best post-secondary educational path that will assist them in reaching their goals. They will also be prepared for their next interview and internship, have valuable work experience and greater confidence in their next steps after high school. Students develop skills in the following areas: career awareness and employability, leadership and positive mindset, time management and effective personal and professional organization, and the importance of building positive interpersonal relationships including professional networking and methods for establishing a professional network.

**What are the opportunities in Career Mentorship?** Students gain on-site experience by obtaining a mentor at a business/organization of their choosing. Area’s students may mentor in are dependent on the ability of the student (with help from the Career Mentorship Coordinator) in obtaining a mentor in the field of their interest. Experiences may be paid or non-paid depending on the arrangement with the mentor site. This is an opportunity to explore a career field and help determine their next steps after high school, including choosing a college major.

**How is the course structured?**

***First 5 Weeks - Personal & Skill Development: Meet daily at Innovative Learning Campus***

- *Identify personal skills/strengths/interests – Apply information from SchoolLinks*
- *Prepare to mentor: create a résumé, communicate professionally through email, other forms of technology and practice interviewing skills*
- *Create Personalized Learning Goals to guide the experience.*

***Starting Week 6 - Gain On Site Mentoring Experience:***

- *On Site mentoring for a minimum of 4 – 6 hours per week; 50 hours/semester (arranged with mentor during regular class time, after school or on weekends)*
- *Meet for class on Mondays (Seminars) and Fridays (Digital Portfolio Workshop); dismissed Tuesday, Wednesday, and Thursday during class for flex-time*

***Week 6 Through End of Course- Learn How to Market Your Skills***

- *Design a Digital Portfolio to use as a future marketing tool for future internships/jobs*
- *Complete a final Interview with a professional in the career field student mentored in to gain valuable feedback on their interviewing skills*
- *Learn how to create an effectively use LinkedIn and other professional platforms to network for the future, set up Mentorship 2 experience (if applicable) and potential internships and jobs*

**CRITERIA FOR STUDENT SUCCESS:** Maintain 2.5 G.P.A. | Excellent Attendance | Desire to Learn |

No Discipline Concerns | Provide Own Transportation | Positive Leadership Skills

**SIGN ME UP!**

- Enroll during course registration.
- Attend Spring Meeting in your Home Building (Students will be contacted by Coordinator)

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<b>#350046</b>	<b>Career Mentorship 2</b>	One Semester	1 Elective Credit
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In this Semester course, students continue their mentorship experience by completing 60+ hours at an on-site placement. They may continue in the same career field in which they mentored previously in Career Mentorship 1 or choose a different career field. Students are responsible for attending seminars on a weekly basis, blogging about their experiences, assisting with the Career Mentorship I class, and continuing to grow personally and professionally. Students add to their website and marketing tools created in Career Mentorship 1.

**Prerequisites: “B” or better in Career Mentorship 1**

*What is your PURPOSE? | Where will your STORY take you? | What DREAMS do you have?  
 What do you want to SAY? | What IMPACT do you want to have on your family, community, and world?*

# Academy EDU



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.

**Participation in Academy EDU can either be a (1) year or (2) year experience.**

2.5 - 5 Elective Credits

Students May Earn Entry Level Education Placement Toward College

**What is Academy EDU?** Designed as an introduction to the teaching profession, students in Academy EDU experience an authentic and realistic view of the career and 100+ hours of hands-on observations in the classroom. Students develop skills in the following areas: career awareness and employability, leadership and communication, day-to-day tasks that support teaching and learning, social/emotional development principles, impact of culture in the classroom, creation of a physically and emotionally safe environment for all learners, classroom management, understand the organization and structure of education systems and the importance of productive relationships with family members, caregivers and community partners.

**What are the opportunities in Academy EDU?** Students explore the teaching profession through a variety of real-world opportunities including: observations in an elementary, middle school and special education classroom, lesson planning, one-to-one tutoring opportunities, field trips and school/community service projects. Students will also have the opportunity to participate in the Nationally recognized Student Organization, Educators Rising. It is strongly recommended that Academy EDU students have reliable transportation to and from their observations.

**Would you like to teach in Hilliard City Schools?** Academy EDU students are guaranteed a job interview with Hilliard City Schools upon successful completion of an accredited teaching preparation program.

**What are the options in Academy EDU?** Academy EDU is a yearlong course offered at the Innovation Campus. The courses include:

### Course #980050: Year 1

Participate in observations at the elementary, middle school, and special education classroom. Upon successful completion of a digital portfolio and state approved end-of-course assessment, student receive entry level college credit for Introduction to Education at a publicly funded Ohio college and/or university. Participation in Educator Rising Student Organization.

- *1st Semester*                      *Teaching Professions 1A*                      *1.0 HS credit*
- *2nd Semester*                      *EDUC2210 Intro to Education*                      *3.0 sem credit/ 1.0 HS credit*  
    *Teaching Professions 1B*                      *.50 HS credit*  
    *OR Teaching Professions 1B*                      *1.5 HS credit*

### Course #980051: Year 2

Students continue their Academy EDU experience by creating a senior year experience which includes yearlong observations based on their teaching goals and passions. Leadership opportunities in Educator Rising Student Organization.

- *1st Semester*                      *EDUC2220 Ed Technology*                      *3 semester credits = 1.0 HS credit*  
    *Teaching Professions 2A*                      *.50 HS credit*  
    *OR Teaching Professions 2A*                      *1.5 HS credit*
- *2nd Semester*                      *Teaching Professions 2B*                      *1.0 HS credit*

# Health Professionals Academy



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.

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## #980075

**What is the Health Professionals Academy?** This network is designed for the student who wants to experience school through authentic learning opportunities and connect with healthcare professionals. Students will have the opportunity to prepare for any role in healthcare with the potential of earning College Credits and a 12-point credential as a Patient Care Technician. Designed as an introduction to healthcare professions, students learn the basics of healthcare that are applicable to any career in this area.

**This is a senior only program.**

**What are the opportunities in Health Professionals Academy?** Students have the opportunity to earn their Patient Care Technician Certification, a 12-point credential that could open the door to immediate employment after high school, whether full-time, or part-time while continuing their education.

Students develop skills in the following areas: Infection control, first aid, CPR, vital signs, medical terminology, career awareness and employability, and leadership and communication. The basic structure and function of the human body is also covered in the course. In addition, students will be exposed to the wide variety of careers available in this field through guest speakers, trips to community healthcare providers, and educational facilities. Students will gain a realistic expectation of the cost of schooling, the education required, and potential income from healthcare careers. Emphasis is placed on employability in healthcare and building relationships in the present that may lead to opportunities in the future.

- *1<sup>st</sup> semester MULT1130: Responding to Emergencies*      *2 CCP credits = .67 (high school)*  
    *\*\*Health Tech*      *.83 (high school)*  
    *OR Health Tech 1*      *1.50 (high school only for non-CCP qualifiers)*
- *2<sup>nd</sup> semester Mult 1110: Medical Terminology*      *2 CCP credits = .67 (high school)*  
    *\*\*Health Tech*      *.83 (high school)*  
    *OR Health Tech 1*      *1.50 (high school only for non-CCP qualifiers)*

Please [Click here](#) for College Credit Plus regarding entrance requirements and specific courses.

## Code U



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.

**What is Code U?** Students in Code U will learn the fundamentals of computer science, AI, cloud computing and app development. Additionally, students will study the societal impact of computing innovations. A broad range of topics will be addressed such as hardware, programming, robotics, algorithms, IoT, big data, and digital privacy and cyber security.

**This Computer Science pathway is available for students in grades 9-12.**

**Interested in AP, College Credit, and In-demand Credentials?** This pathway provides CTAG, College Credit Articulation, AP (Advance Placement) and in-demand credentials opportunities.

### Level 1 (#980085)

This is an entry level course and no previous programming experience is necessary. Students will code games and apps for computers and mobile devices. This course will cover the fundamentals of programming including data types, conditionals, loops, functions, and utilizing classes and methods. Students will learn game-related concepts such as sprites, animation, the game loop, simulations, and game object design and implementation. Students can potentially earn 6 credentials including Unity, JavaScript, and HTML in the Information Technology Career Pathway. Students will prepare for the AP Computer Science Principles exam offered by The College Board.

- *1st Semester*                      *Game Design & App Development*                      *1.0 HS credit*
- *2nd Semester*                      *AP Computer Science Principles*                      *1.0 HS credit*

### Level 2 (#980086)

Continue your study of computer science by exploring advanced computing concepts including artificial intelligence (A.I.), cloud computing, and simulations. Students can potentially earn 6 credentials including AWS, artificial intelligence, and cloud computing in the Information Technology Career Pathway. Students will prepare for the AP Computer Science A exam offered by The College Board. Using the Java language, students will study object-oriented programming in depth as they learn to create classes, objects, and methods. Topics are compatible with the material normally taught in a first year college computer programming course.



- *1st Semester*                      *A.I. & Cloud Computing*                      *1.0 HS credit*
- *2nd Semester*                      *AP Computer Science A*                      *1.0 HS credit*

# College Jumpstart Network



This network is designed for the student who wants to experience higher education during their high school career. Through a partnership with local institutes of higher learning students will be able to enroll in college level courses, participate in dual enrollment courses on-site, and/or earn college credits prior to graduation. This network is truly for the student who wants to personalize their learning by getting a jumpstart on their college career.

Two year comprehensive dual enrollment experience that will allow Hilliard City School students the opportunity to graduate with 24 credit hours from Columbus State Community College:

#980090	Year 1		12 semester credits
Autumn Semester:			
• <i>ENGL 1100: Composition I</i>		<i>3 semester credits = 1.0 HS credit</i>	
• <i>PSY 1100: Introduction to Psychology or POLS 1100</i>		<i>3 semester credits = 1.0 HS credit</i>	
Spring Semester:			
• <i>ENGL 2367: Composition II</i>		<i>3 semester credits = 1.0 HS credit</i>	
• <i>POLS 1100: Intro. to American Government or PSY 1100</i>		<i>3 semester credits = 1.0 HS credit</i>	
#980091	Year 2		12, 13 or 15 semester credits
Autumn Semester:			
• <i>SOC 1101: Introduction to Sociology</i>		<i>3 semester credits = 1.0 HS credit</i>	
• <i>COMM 1105: Oral Communication or PHIL 1130: Ethics</i>		<i>3 semester credits = 1.0 HS credit</i>	
Spring Semester:			
• <i>Student Choice: Students will have a choice of an online course or a course taught on campus that aligns with their academic pathway.</i>		<i>3, 4 or 5 semester credits = 1.0 HS credit</i>	
• <i>PHIL 1130: Ethics or COMM 1105: Oral Communication</i>		<i>3 semester credits = 1.0 HS credit</i>	

# Online Academy



## HILLIARD CITY SCHOOLS Online Academy

Online Academy provides an opportunity for students in the Hilliard City Schools to receive an online education from highly qualified Hilliard teachers. By using our curriculum, developed by our community of teachers, students get a personalized experience in a virtual setting. Ongoing collaboration, interaction and providing consistent feedback to the learning process, our students can be Ready for Tomorrow with the Online Academy.

**A Hilliard Education** - All online courses were written and are continually updated by Hilliard teachers. The courses align with what is taught in the classrooms and are designed to be engaging for students.

**Quality** - The high school online courses offer students flexibility and choices surrounding when and how they learn. Most offer options for students to choose between self-directed learning options and more traditional lessons and activities.

**Staying Connected** - Online Academy classes are based on state standards, not seat time. While the best practice for a student is to engage during traditional school hours in order to connect with their teacher and classmates in real time, flexibility will be provided. Students who enroll in the Online Academy will still remain connected with their home schools. Support, such as counselors, and opportunities, such as clubs and extra-curricular activities, will be available to Academy students.

**Flexibility - At the high school level, students have three options:**

**Option 1:** Full time through the Online Academy (6 online courses; 0 courses elsewhere\* or 5-7 courses online and 1-2 classes elsewhere\*)

**Option 2:** Half-time through the Online Academy (3 online courses; 3 courses elsewhere\*)

**Option 3:** A La Carte\*\* (1-2 online course while taking 5-7 courses elsewhere\*)

\* **Elsewhere** includes the student's home school, Tolles, the Innovation Campus, or through the College Credit Plus program.

For more information and/or to register, please visit: [www.hilliardschools.org/onlineacademy/](http://www.hilliardschools.org/onlineacademy/)

COURSE TITLE	CODE	CREDIT	COURSE TITLE	CODE	CREDIT
2D Visual Art - Photo/Digital	100L40	.50	Geometry A	500L21	.50
2D Visual Art - Drawing/Painting	100L45	.50	Geometry B	500L22	.50
Future Ready	150L01	.50	Algebra 2A	500L31	.50
College Fundamentals	150L02	.50	Algebra 2B	500L32	.50
Business Explorations	150L03	.50	College Algebra A	500L33	.50
Personal Finance	150L36	.50	College Algebra B	500L34	.50
Media Awareness	300L02	.50	Biology A	550L08	.50
English 9A	300L01	.50	Biology B	550L09	.50
English 9B	300L03	.50	Environmental Science	550L15	.50
English 10A	300L05	.50	Freshwater & Marine		
English 10B	300L06	.50	Ecosystems	550L40	.50
English 11A	300L45	.50	Physical Science A	550L51	.50
English 11B	300L46	.50	Physical Science B	550L52	.50
Speech, Debate & Public Discourse	300L55	.50	World Studies A	600L01	.50
Leadership Development	300L65	.50	World Studies B	600L02	.50
English 12A	300L75	.50	U.S. History A	600L05	.50
English 12B	300L76	.50	U.S. History B	600L06	.50
Physical Education 1	450L05	.25	U.S. Government A	600L35	.50
Physical Education 2	450L06	.25	U.S. Government B	600L36	.50
Health	450L10	.50	American History Through Film	600L50	.50
Algebra 1A	500L11	.50			
Algebra 1B	500L12	.50			

# Glossary

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**ACT** - an acronym for American College Testing. The ACT® test assesses high school students' general educational development and their ability to complete college-level work. The multiple-choice tests cover four skill areas: English, mathematics, reading, and science. The Writing Test, which is optional, measures skill in planning and writing a short essay. For more information, visit [www.act.org](http://www.act.org) for more information.

**Academic Diploma with Honors** - an Honors Diploma or Academic Diploma with Honors is given to students who have fulfilled all graduation requirements and additional course and GPA requirements. Students must meet 7 of the 8 criterion to receive the diploma with honors. Specific criterion is listed in the Program of Studies. [Click here](#) for more information.

**Accuplacer** - Placement exam for Columbus State Community College.

**AP** - an acronym standing for “Advanced Placement”. The Advanced Placement Program offers college level courses in various disciplines with the primary aim of preparing students to master college level material while in a secondary school environment. The AP exam is offered as an option for students who wish to earn college credit in the respective AP course. [Click here](#) for more information.

**ASVAB** - an acronym for Armed Services Vocational Aptitude Battery. This test is given to any 11<sup>th</sup> or 12<sup>th</sup> grader who would like to learn more about their career strengths. It is offered to high schools by the military and is free to any student who wishes to participate. See your school counselor for more information.

**Athletic Eligibility Requirements** - established criteria that must be met to be eligible for athletic participation. If you are an athlete, you must be signed up for at least 5 (five) ½ credit classes each semester and carry the minimum GPA requirements as established by Hilliard City Schools. [Click here](#) for more information.

**Auditing** - taking a course for the experience; no grade or credit is issued. Permission from the building principal and instructor is required to audit a course. Deadlines apply. [Click here](#) for more information.

**CBI** - an acronym for Career Based Intervention. CBI is an educational program that combines in-class work with on-the-job experiences in a variety of work settings. [Click here](#) for more information.

**Canvas** - Hilliard School’s online course management system for online learning and enhanced courses. Canvas is a site where students and teachers can manage assignments, projects, discussions, and electronic resources.

**Career Pathway** - Career pathways are career areas grouped according to their basic work tasks which include people, things, data, and ideas. Within each Career Pathway are several areas of focus that should be used to assist students with course selections. [Click here](#) for more information.

**College Credit Plus** - College Credit Plus is a program that gives high school students an opportunity to be enrolled in college course work. Students must qualify academically and the tuition will be at a reduced rate. College Credit Plus replaces Ohio’s Post-Secondary Enrollment Options program (PSEO) and all dual enrollment programs. [Click here](#) for more information.

**Correspondence Course** - is a type of systematic instruction that takes place by mail or electronic media between a pupil and instructor. Students wishing to participate in this form of academic study must select courses from the district approved list and must recognize that it is their ultimate responsibility for meeting the timelines of the course. [Click here](#) for more information.

**Credit** - a ‘credit’ is issued upon successful completion of each high school course; typically a semester course is worth .5 credit (except for physical education) and a yearlong course is worth 1.0 credit.

**Credit Flexibility** - “Credit flex” shifts the focus from evaluating student learning based on “seat time” to assessing students’ demonstrated academic and skill level or performance. With “Credit Flex,” students will have options to show what they know, earn credits, and move on to higher-order content. Students can choose to customize aspects of their learning around their interests and needs, which might include flexible schedules and a choice of modalities (e.g., online learning and community-based projects), as well as options to pursue niche interest areas and combine subjects. [Click here](#) for more information.

**Credit Recovery** - the opportunity students are given to “recover” credits not earned due to course failure. Credits are typically “recovered” by retaking a course in the traditional classroom or through alternative learning settings such as on-line learning.

**Cumulative G.P.A.** - the grade average you earn over the four years of high school (an average of all semesters).

**Elective** - courses that students elect, or choose to take because of an interest in the subject matter. These courses are NOT required for graduation, but the credits earned as a result of passing these courses may fulfill certain graduation requirements.

**Financial Literacy** - a graduation elective requirement which can be fulfilled by taking one of the following courses in the 10th, 11th or 12th grade: Careers and Money Management, Financial Independence, Marketing, Personal Finance, College Fundamentals, Entrepreneurship or CBI 3 Related.

## Glossary

**Gifted Services** - In accordance with the belief that all students are entitled to education commensurate with their particular needs, students in the District who are gifted are provided opportunities to progress as their abilities permit. Gifted services for students shall be consistent with their area(s) of identification and shall be differentiated to meet their needs. [Click here](#) for more information.

**G.P.A.** - an acronym for grade point average.

**Graduate** - a student who has met all graduation requirements.

**Honors Courses** - a distinction applied to certain classes to distinguish them from standard course offerings. The difference between a regular class (such as Biology) and the honors class (Honors Biology) is not necessarily the amount of work, but the type of work required and the pace of studying. [Click here](#) for more information.

**Independent Study** - a type of learning situation in which a student works one-on-one with a teacher to learn course context. [Click here](#) for more information.

**KAP** - a collaborative educational project between Kenyon College and selected secondary schools in Ohio in which students can earn college credit while in high school. KAP classes are taught by Hilliard faculty in collaboration with staff at Kenyon College. [Click here](#) for more information.

**Latin Honors** - Latin Honors refers to an award of distinction given to students that meet or exceed specific grade point average thresholds or class rank. Our three common honors will include Cum Laude, Magna Cum Laude, and Summa Cum Laude.

**Mentorship** - an opportunity for students to explore career possibilities by being linked with a professional who is willing to offer experience and expertise in a career field the student may wish to pursue in the future. [Click here](#) for more information.

**Mosaic** - a program sponsored by the Franklin County Educational Council designed as a two year experience for high school juniors and seniors. The curriculum is project-based, integrating English, social studies, art and cultural studies. [Click here](#) for more information.

**National Merit Scholarship Program** - an academic competition for recognition and scholarships. High School students enter the National Merit Program by taking the Preliminary SAT/ National Merit Scholarship Qualifying Test PSAT /NMSQT. For more information: [www.nationalmerit.org](http://www.nationalmerit.org).

**NCAA** - an acronym for National Collegiate Athletic Association. NCAA has rules based on core courses, test scores and grade point average for those students interested in playing collegiate sports. See the Program of Studies for additional information or visit [www.NCAA.org](http://www.NCAA.org). [Click here](#) for more information.

**OELPA** - an acronym for the Ohio English Language Proficiency Assessment. It is a test that checks students' English language abilities. Visit [www.ode.state.oh.us](http://www.ode.state.oh.us) for further information.

**OELPS** - an acronym for the Ohio English Language Proficiency Screener. It is a test that checks students' English language abilities. Visit [www.ode.state.oh.us](http://www.ode.state.oh.us) for more information.

**Ohio's State Tests** - For students who enter grade 9 on or after July 1, 2019, state testing laws require districts to administer end-of-course tests to all students at the completion of the associated course. The required end-of-course tests include algebra I, geometry, English language arts II, biology, American government and American history.

**Online Courses** - courses taught via the computer through the internet; these courses require students to work independently and be self-directed. [Click here](#) for more information.

**Performing Arts** - courses that involve music and/or acting and fulfill the fine arts graduation requirements.

**PE Waiver** - an opportunity to waive the required physical education credit awarded to high school students who complete two seasons of district sponsored interscholastic athletics, marching band or cheerleading, (including color guard.) This is used in place of two Physical Education classes. [Click here](#) for more information.

**Prerequisite Class** - a class that you must pass and earn credit so that a student can take the next level of the sequence of classes.

**PSAT** - the Preliminary Scholastic Aptitude Test/ National Merit Scholarship Qualifying Test (NMSQT) is cosponsored by the College Board and National Merit Scholarship Corporation (NMSC). It's a standardized test that provides practice for the SAT®. The test measures; critical reading skills, math problem-solving skills and writing skills. It gives students the opportunity to enter National merit programs and gain access to college and career planning tools. [Click here](#) for more information.

**Required Class** - a specific class that a student must pass and earn credit in order to graduate.

**SAT** - an acronym for Scholastic Aptitude Test is a standardized test for college admissions in the United States. [Click here](#) for more information.

**SchoolLinks** - SchoolLinks is a modern, college and career readiness platform to prepare students for what comes after graduation. [Click here](#) for more Information.

# Glossary

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**Semester** - either of two 18 week periods in which the academic year is divided. A semester consists of two nine-week grading periods and is marked by a mid-term exam for full year courses or a final exam for semester course.

**Tolles** - the career center available to Hilliard students for enrollment. Tolles offers over twenty different programs that directly relate to the changing job market. See the Tolles web site for more information at [www.tollestech.com](http://www.tollestech.com). [Click here](#) for more information.

**Transcript** - an official record of a student's educational history. All courses for which high school credits is earned are recorded on the official transcript.

**Visual Arts** - courses that involve drawing, painting, ceramics, and sculpture making and fulfill the fine arts graduation requirements.

**Weighted Grade** - in recognition of the challenges of AP courses, one additional point is awarded for each letter grade; i.e., A = 5.0, B = 4.0, C = 3.0, D = 2.0 in the grading scale.

In recognition of the challenges, higher expectations and requirements of Honors courses .5 additional point is awarded for each letter grade; i.e., A = 4.5, B = 3.5, C = 2.5, D = 1.5 in the grading scale. [Click here](#) for more information.

**Zero Period** - a class period of academic study which takes place prior to the start of the school day.