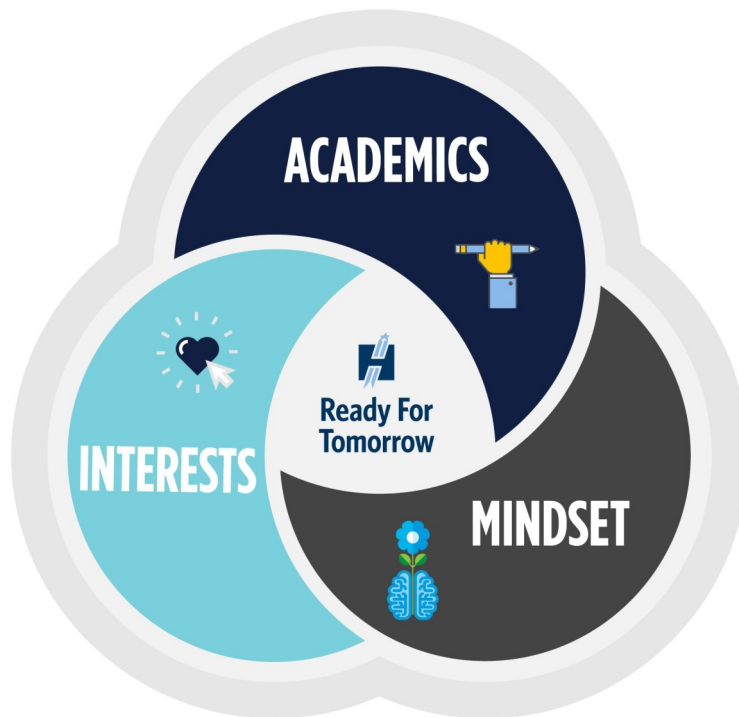




2023-2024 High School Program of Studies



Hilliard City Schools

Hilliard City Schools will ensure that every student is Ready For Tomorrow.

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Glossary

The Hilliard City School District's high school Program of Studies is subject to change and is revised periodically throughout the year. For the latest edition of the Program of Studies, please visit our website at www.hilliardschools.org.

Non Discrimination Statement (Title IX)

All of the courses, programs, and activities presented in this booklet are open to all students without regard to race, color, national origin, sex, or 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.

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—21.5	
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	1/2	
Physical Education	1/2	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading (see page A-10). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.5 credits).
Future Ready	1/2	
Financial Literacy Elective	1/2	The financial literacy elective requirement can be fulfilled by taking one of the following courses during the Sophomore, Junior or Senior year : Business Academy, Careers & Money Management, 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.
Capstone	1/2	The Capstone can be completed in a variety of ways/ courses and must meet defined criteria. See page A-8 for additional details. The Capstone must be completed by December of their senior year. Athletic Eligibility: Physical Education classes and Capstone do not count as 1 of the 5 (five) 1/2 credit classes.
Additional Electives	5	1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in middle school (grades 7-8). Participation in Tolles, CBI or Career & Employ Development (“Work Study”) may fulfill the Fine Arts graduation requirement. 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. A high school credit can be assigned for fine arts if two YEARS of middle school music were successfully completed AND the second year was an ADVANCED course. Students must earn 5.0 Elective Credits in content areas other than Wellness.
TOTAL CREDITS	21.5**	

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

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

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

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.

First
☒ Earn 21.5 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



.5 Credit Capstone

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
SealsState DefinedLocally DefinedStudents must have a
minimum of 1 State Seal



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
Military Enlistment Seal	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces.	
Technology Seal	A student can: <ol style="list-style-type: none"> 1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement exam; 2. Earn a final course grade that is equivalent to a "B" or higher in an appropriate class taken through the College Credit Plus program; or 3. 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. 	<ul style="list-style-type: none"> • AP Computer Science* • AP Computer Science Principles* • Introduction to Engineering Design • Introduction to Engineering Design (Women) • Principles of Engineering • Digital Electronics • Engineering Design/Development <p><i>*Students must score a "2" or higher on the associated AP test.</i></p>
Industry-Recognized Credential Seal	A student can: <ol style="list-style-type: none"> 1. Earn a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field. 2. Obtaining a state-issued license for a practice in a vocation that requires an examination in one. 	<ul style="list-style-type: none"> • Worthington Industries (Manufacturing) • RT Moore (HVAC, Plumbing) • Tolles Programs • Rosati Windows • ECO Plumbers • Hamilton Parker (Fireplace & Garage Door installation)
Citizenship Seal	A student can: <ol style="list-style-type: none"> 1. Earn a score of proficient or higher on both the American history and American government end-of-course exams; 2. Earn a final course grade equivalent to "B" or higher in American history and American government; 3. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exam; or 4. Earn a final course grade that is equivalent to a "B" or higher in appropriate classes taken through the College Credit Plus program. 	<ul style="list-style-type: none"> • U.S. History • AP U.S. History • U.S. Government • AP U.S. Government
OhioMeansJobs-Readiness Seal	<p>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.</p> <p>Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work, or the community.</p> <p>Seal verification form (Completed by student and mentors)</p>	<p>Specific courses are not required to meet this seal, but the experiences provided in these courses support the criteria.</p> <ul style="list-style-type: none"> • Career Mentorship 1 and 2 • Academy EDU • Business Academy • Health Professionals Academy • College Jump Start • CBI • Capstone • Tolles Programs

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

Locally Defined Diploma Seals**	
Seals	Requirements
Community Service Seal (locally defined)	<p>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:</p> <ul style="list-style-type: none"> • helps students make invaluable connections in their community; • gives students an opportunity to explore possible career options in the public, nonprofit and philanthropic sectors and gain valuable work skills; • exposes students to the needs of their community and promotes an understanding of and the value of civic engagement as well as volunteerism; and • provides students with an opportunity to demonstrate social and emotional skills, academic knowledge, leadership, professionalism, and critical reasoning. <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>OR: 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"> • Students can submit multiple community service experiences for a cumulative total of 60 hours • Community service must be pre-approved by the building principal or designee and hours will be logged and verified. <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>
Student Engagement Seal (locally defined)	<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"> • HCSD Athletics (one full season) • HCSD Marching Band (one full season) • HCSD Play/Musical/Drama Production (one full production) • HCSD-sponsored club (one full year)* • Approved Credit Flex - Educational Option activities <p>*HCSD sponsored clubs include: Class Cabinet, Student Council, eSports, Ethics Bowl, Chess Club, Ceramics (Clay Cats), Debate Club, Diversity Club, E Pluribus Unum, Engineering Club, World Language Clubs, Girls in Science, GSA, Hope Squad, Interact Club, Key Club, Math Club, National Honor Society, Ambassadors, ROX, Ski Club, Student Athletic Council, Drama Club/Theatre Troupe, FBLA, Medical Sciences Club, Leadership Club (PAWS), Model UN, Peer2Peer</p>
Fine and Performing Arts Seal (locally defined)	<p>During their high school career, a student will:</p> <ul style="list-style-type: none"> • Earn two credits of approved Fine and Performing Arts program electives, OR • 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)

**State law requires districts and schools to develop guidelines for at least one of the locally defined diploma seals. Each district or school shall maintain appropriate records to identify students who have met the requirements prescribed under division (C) of Ohio Revised Code section 3313.6114 for earning the state seals established under that division. Districts and schools must attach or affix the diploma seals earned to the student's diploma and transcript. Ohio Department of Education. "Ohio Graduation Requirements: Long-term Requirements 2023 and Beyond." Ohio's Graduation Requirements, February 2020, <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements>.



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.

Program:	Industry Credential:	Point Value:
Animal Management and Services :	CJ102-OSHA 10	1
Auto Collision Repair:	CE13-ICAR-Collision Repair	12
Auto Technology:	CH49-Automotive Brakes	3
	CH63-Automotive Suspension/Steering	3
	CH50-Automotive Electrical System	3
	CH51-Automotive Engine Performance	3
	CH52-Automotive Engine Repair	3
	CH53-Automotive Heating and AC	3
Computer Networking and Support:	CJ102-OSHA 10	1
	CB15- Cisco CNNA	12
Construction Technologies:	CJ102-OSHA 10	1
	CH910 NCCER Core	6
Cosmetology:	CJ29-Cosmetology License 560	12
Criminal Justice:	CJ102-OSHA 10	1
	CA79 - ASP Baton Certification	1
	CB62 - CPR/First Aid	1
	CJ36 - OC Pepper Spray	1
	CA81 - APCO - Telecommunicator	4
	CH84 - FEMA IS 100	4
	CH94 - FEMA IS 200	1
	CH85 - FEMA IS 700	4
	CH93 - FEMA IS 800	1
	CJ50 - HazMat - Awareness	1
	CP05 - Bleeding Control 1.0	1
	CG65 - Part 107 Remote Pilot Certification*	6
Culinary Arts:	CH75 - Serv Save	3
	CM03 - Pro Start	9
Early Childhood Education:	CB62 - CPR/First Aid	1
	CJ69 - Child Abuse	1
	CJ70 - Communicable Disease	1
Engineering Manufacturing:	CJ02 - OSHA 10	1
	CQ74 - Parker Hydraulics	4
	CM13 - FANUC Robotics	6
	CL09 - Solidworks CSWA	6
	CP13 - FANUC Certified CNC	4
Exercise Science:	CB62 - CPR/First Aid	1
	CJ55 - Group Fitness Instructor	3
	CJ54 - Personal Trainer	3
Firefighting/EMS:	CJ02 - OSHA 10	1
	CB62 - CPR/First Aid	1
	CH84 - FEMA IS 100	4
	CH85 - FEMA IS 700	4
	CJ19 - EMT Basic	12
	CJ22 - Firefighter I	12
	CJ23 - Firefighter II	12
	CJ50 - HazMat	1
Outdoor Careers:	CJ02 - OSHA 10	1
Pharmacy:	CB62 - CPR/First Aid	1
	CJ34 - ExCPT	12
Pre-Nursing:	CB62 - CPR/First Aid	1
	CJ16 - STNA	12
Pre-Vet Tech:	CB62 - CPR/First Aid/AED - Human	1
	Heartsaver	1
Welding:	CJ02 - OSHA10	1

The Capstone experience is a graduation requirement.

#98SC99
#98OL99

0.5 Elective Credit



The Capstone experience is an opportunity for students to challenge themselves outside the traditional curriculum. The experience should be a culminating high school experience and help provide a transition to life beyond the secondary classroom. An exploration of a career path, an occasion to serve a community, a chance to develop and/or explore a particular skill, a preparation for a specific event – a capstone encourages self-discovery and responsibility.

The Capstone graduation requirement will be fulfilled in cooperation with the building capstone coach. The capstone coach role is to oversee and advise each student from the planning process through the final presentation of learning. The capstone is a self-paced learning experience similar to an independent study course. The capstone coach serves as the teacher in charge of the course, but there is no physical class time that a student participates in. Frequent check-ins, both online and in-person, are required of each student as they complete their capstone experience.

When selecting or declaring their intentions for the capstone requirement, students will be advised to begin with a broad idea of how they can benefit themselves and/or the world around them. A student wishing to attend college may design an experience to benefit their college application or a program they will complete during college. Students with a future career interest may want to explore that career or create an experience that could contribute to a resume down the road. If the college or career path isn't quite as clear, students can choose to create an experience centered around their interests so long as the final product benefits themselves, their school, their community, or beyond.

Formal discussions of the capstone may begin during the 2nd semester of the sophomore year. Students can begin to formulate ideas and work through the selection process with the advice of their capstone coaches. Once an experience is identified, the main responsibility of the student is to be accountable to the following:

Athletic Eligibility: Physical Education classes and Capstone **do not count** as 1 of the 5 (five) 1/2 credit classes.

Individual Learning Plan (ILP) - The most important part of the capstone is the planning process. The ILP will be developed by the student, and once approved, will be the guiding compass for the entire experience. The ILP will include a timeline for completion, SMART goals, a complete road map of the experience, and the intentions the student has for the final presentation of learning. This step in the process is the most critical as it will be the evaluation tool for the capstone coach as the experience commences.

Check-ins – Student are required to provide detailed progress updates to the capstone coach. Check-ins will take place both in-person and through online impact reports to help the student remain on track and for the coach to periodically evaluate and provide feedback.

Presentation of Learning - The end product is more of a story than a completed assignment. Students may choose to communicate their story in whatever way serves them best. The focus of the final product should be sharing the impact that the capstone had on the student, the school, the community, or the world. The product should be presented in digital form and presented to an authentic audience for feedback and evaluation.

Timeline: **Planning:** 2nd semester 10th gr. year **Experience:** Summer (11th gr.) through December (12th gr.)
Completion: December of Senior year.

Student Interest + Student Experience + Student Story = Capstone

Ex: (The Spanish Language) + (After school elem. enrichment class) + (video blog) = Capstone that impacted my district

Students need to fulfill all but one criterion for any of the following Academic Diploma with Honors for the Class of 2021 & Beyond

Subject	Academic Diploma with Honors	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
English	4 units	4 units	4 units	4 units	4 units
Math	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	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	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
Science	4 units, including two units of advanced science.* Advanced science refers to courses that are inquiry-based with laboratory experiences	4 units, including two units of advanced science.* Advanced science refers to courses that are inquiry-based with laboratory experiences	5 units, including two units of advanced science.* Advanced science refers to courses that are inquiry-based with laboratory experiences	3 units, including two units of advanced science.* Advanced science refers to courses that are inquiry-based with laboratory experiences	3 units, including two units of advanced science.* Advanced science refers to courses that are inquiry-based with laboratory experiences
Social Studies	4 units	4 units	3 units	3 units	5 units
World Language	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
Fine Arts	1 unit	N/A	1 unit	4 units	1 unit
Electives	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social science and/or civics
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/WorkKeys	27 ACT/1280 SAT These scores are based on the 2016 ACT and SAT assessments.	27 ACT/1280 SAT (These scores are based on the 2016 ACT and SAT assessments.) WorkKeys (6 Reading for Information & 6 Applied Math, 1/2 unit physical ed., 1/2 unit health, 1/2 unit American history, 1/2 unit in government, 4 units of English, and 1/2 unit in world history and civilizations)	27 ACT/1280 SAT These scores are based on the 2016 ACT and SAT assessments.	27 ACT/1280 SAT These scores are based on the 2016 ACT and SAT assessments.	27 ACT/1280 SAT These scores are based on the 2016 ACT and SAT assessments.
Field Experience	N/A	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus	Complete a field experience (internship or apprenticeship) and document the experience in a portfolio specific to the student's area of focus
Portfolio	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts	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
Additional Assessments	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment of equivalent	N/A	N/A	N/A

www.education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma

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

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 21.5 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:

Girls

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

Boys

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

Academic Recognition

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 9–12 with a cumulative G.P.A. of 3.75 or above will receive the Varsity letter or corresponding Latin Honors Pin.

	B+ 3.25	C+ 2.25	D+ 1.25
A 4.00	B 3.00	C 2.00	D 1.00
A- 3.75	B- 2.75	C- 1.75	D- 0.75

Overview

In order to take full advantage of the high school experience, it is important that students carefully consider the courses, programs, and experiences in which they would like to participate during their four years.

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 Pathways		
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 · Environmental Management
Architecture & Construction	Electrical · HVAC · Heavy Equipment · Management · Telecommunications	Tolles Programs: Construction Technology
Arts, Audio/Video Technology & Communications	Commercial Design · Media Arts · Performing Arts · Visual Design	Art Courses · Media Arts · Animation & Motion Graphics · Academy VIBE
Business Management & Administration	Administrative Support · Business Management · Human Resources · Legal Management · Medical Management · Purchasing · Supply Chain Management	Business Academy
Education & Training	Teaching	Academy EDU
Engineering and Science Technologies	Chemical Engineering · Electrical Engineering · Electronics · Mechanical Engineering	Engineering Design & Development · Principles of Engineering
Finance	Accounting · Banking · Financial Advisor · Financial Analysis · Insurance · Management	Accounting 1 & 2 · Marketing · Personal Finance · Careers & Money Management
Government & Public Administration	Building Inspector · Government Property Inspector · Compliance Manager · Government Administration	Business Electives · Careers & Money Management
Health Science	Advanced Patient Care · Biomedical Engineering · Biotech · Dental · Medical Assisting · Nursing · Occupational Therapy · Pharmacy · Physical Therapy · Radiology · Surgery	Health Professionals Academy
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
Law, Public Safety, Corrections & Security	Police · EMT · Legal Secretary · Lawyer · Paralegal · Forensic Technicians	Tolles: Criminal Justice · Firefighting/Emergency Medical Service
Manufacturing	Aerospace · Industrial Engineering · Industrial Technology · Materials · Manufacturing	Credential Programs · Engineering Electives
Marketing	Marketing Management · Public Relations · Sales	Business Electives
Transportation, Distribution & Logistics	Automotive Technology · Aviation · Diesel Driver/ Mechanic · Freight Operations	Tolles: Automotive Technologies · Automotive Collision Technologies · Power, Sport & Auto Services

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.

Course Status Key: Required (i), Locked (L), Incomplete Prerequisite (P), Alternate Request (A)

Course Requests - 2018-2019 - Hilliard Darby High School - Grade 10

Subject Area	Course	Credits	Edit
Elective (EL)			Edit
English (EN)			Edit
Health (HL)			Edit
Integrated Computer (IC)			Edit
Math (MA)			Edit
Science (SC)			Edit
Physical Education (PE)			Edit
World Studies (WS)			Edit
US Government (UG)			Edit
Social Studies (SS)			Edit
US History (UH)			Edit
Financial Literacy (FN)			Edit
Capstone (CS)			Edit

A list of courses within that subject area will appear.

Select A Course [Save] [Cancel]

Subject Area : English (EN)
 Required Credits : 0.0000
 Requested Credits : 1.0000
 0.0000

Course Status Key: Required (i), Suggested (S), Locked (L), Incomplete Prerequisite (P), Alternate Request (A)

Request	Description	Course	Credit
<input type="checkbox"/>	⊗ AP English Lit. & Composition	300011	1.0000
<input type="checkbox"/>	ENGL 103: Intro Lit /Lang(KEN)	30DE11	1.0000
<input type="checkbox"/>	ENGL 104: Intro Lit/Lang (KEN)	30DE12	1.0000
<input checked="" type="checkbox"/>	English 10A	300008	0.5000
<input checked="" type="checkbox"/>	English 10B	300009	0.5000
<input type="checkbox"/>	⊗ English 11A	300046	0.5000
<input type="checkbox"/>	English 11B	300047	0.5000
<input type="checkbox"/>	English 12 A	300075	0.5000
<input type="checkbox"/>	English 12 B	300076	0.5000
<input type="checkbox"/>	English 9A	300003	0.5000

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/capstone 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.

Hilliard City Schools Academic Graduation Planner

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B-4

Student _____ ID# _____ Class of _____ High School _____ Date _____

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.

Total: 21.5	English	Math	Social Studies	Science Physical, Biological, and Advanced	Financial Elective	Additional Elective (Details on page A-1)	Physical Education	Health	Future Ready	Capstone
9th Grade										
10th Grade										
11th Grade										
12th Grade										
Graduation Requirements	4 Credits	4 Credits	3 Credits	3 Credits	0.5 Credits	5 Credits	0.5 Credits	0.5 Credits	0.5 Credits	0.5 Credits
Total:										

State Graduation Diploma Seals	<input type="checkbox"/> Citizenship Seal (Ohio) <input type="checkbox"/> Honors Diploma Seal (Ohio) <input type="checkbox"/> Military Enlistment Seal (Ohio) <input type="checkbox"/> Science Seal (Ohio) <input type="checkbox"/> Technology Seal (Ohio) <input type="checkbox"/> Community Service Seal (Local) <input type="checkbox"/> Fine and Performing Arts Seal (Local)	<input type="checkbox"/> College-Ready Seal (Ohio) <input type="checkbox"/> Industry-Recognized Credential Seal (Ohio) <input type="checkbox"/> OhioMeanJobs Readiness Seal (Ohio) <input type="checkbox"/> Seal of Biliteracy (Ohio) <input type="checkbox"/> Community Service Seal (Local) <input type="checkbox"/> Student Engagement Seal (Local)
Earn 2 Diploma Seals 1 must be a State Seal		
Programs, experience & activities to support my academic and career goals		

Parent Signature _____

Student Signature _____

School Counselor Signature _____

General Scheduling Information

Schedule Changes

Planning a schedule for the next school year is a difficult task and situations may occur requiring a change in that schedule. Changes have a serious effect on class size, teacher assignments, and the overall master schedule. The student and parent are urged NOT to plan a program with the idea that it can be changed.

All schedule changes will require the completion of an add/drop form in the guidance office.

All schedule changes made after the last day of school will require approval from building administration.

From the time a student submits their course request in February until the end of the school year in May, a student may request a schedule change. It is important to realize that the master schedule is based upon student requests made in February. In order to be fiscally responsible, the number of class sections within each subject area is based upon these projections. Once classes are scheduled, it is difficult to make a schedule change because some classes will be at capacity. **Therefore, if a student wishes to drop an AP and/or Honors course from their schedule they must do so no later than June 12th of the 2022-23 school year.**

Only the following reasons will constitute a need for change after this deadline:

1. Semester imbalances.
2. Replacement of summer school course/ courses successfully completed.
3. Schedule adjustments for educational options such as Mosaic, Personal Success Network, Post-Secondary Options, or other special educational opportunities.
4. Inappropriate course as dictated by prerequisite, final grade, or staff recommendation.
5. Requests appearing on the original form but not on final schedule.
6. Change of teacher only if student has had the teacher previously and failed the course.
7. Changes which can be made by directly replacing a study hall or dropped course. (Must be room available and be placed in smallest available section that period.)

TIMELINES**ADDS:**

- Full year classes can be added until the tenth day of school. Semester classes can be added until the tenth day of the semester.

DROPS:

- If a student drops a year-long course by the end of the first nine weeks grading period, or a semester course no later than the 10th school day, any record of the course will be deleted.
- A withdraw passing (WP) would be noted should the student drop a semester class that they are passing (A through D-) ten days after grades are posted at the end of the quarter.
- A year-long class drop would be noted as (WP) withdraw passing provided the student is passing (A through D-) ten days after grades are posted at semester end.
- Yearlong and semester courses dropped after the above stated deadlines will result in withdraw failing (WF). **No student may be enrolled in less than five classes per semester.**

Athletes must take/pass 5 courses each 9 weeks. Physical Education classes and Capstone do not count as one of the five courses.

Repeating a Course

Students may repeat a course one time. The course information and the grade earned the first time remain on the transcript as part of the student's academic record. However, the grade that is earned the second time may be the grade that is computed in the calculation of the grade point average. This means students will always receive the second grade earned.

1. A course and its prerequisite may not be taken at the same time without approval.
2. Credit is only awarded once for the course.
3. Grades from out of district sources and correspondence courses will not be accepted as replacement grades.
4. Hilliard Enrichment summer school coursework and Hilliard online coursework may be used as replacement grades.
5. Taking a credit flexibility course proficiency assessment in a course previously completed is a method of repeating a course; the grade earned on the assessment will be calculated into the grade point average. The Credit Flexibility Pass/Fail option may only be used if the grade earned is higher than the grade previously received.
6. The dropping of a course that is being repeated will be handled according to the same rules as all other courses.
7. There are some performing arts courses that are exempt from this rule. Please consult the teacher of the course for specifics.

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

Seniors (4th year of High School) and Juniors (3rd year of High School) who have accumulated at least 16 credits and are on track to graduate based on the graduation requirements may select one late arrival or early release period in their schedule. Late arrival/early release may be dropped from a student's schedule if there is a change in academic standing. **Late arrival/early release options are only available to Seniors and Juniors who meet the above requirements.** Ninth, Tenth, and Eleventh grade students participating in credit flexibility, online coursework, early college programs, the personal success network 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 (five) 1/2 credit classes each semester and carry the minimum GPA requirements as established by the district. **Physical Education classes and Capstone 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 (five) 1/2 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 9th graders and 5 credits for 10th, 11th & 12th 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:

- 9th = satisfactory completion of 8th grade
- 10th = completion of 4 credits
- 11th = completion of 9 credits
- 12th = completion of 15 credits

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

Class Honors

Latin Honors for High School:
Summa Cum Laude = 4.25 and above
Magna Cum Laude = 4.0-4.24
Cum Laude = 3.75-3.99

Lunch

All students must have a scheduled lunch during their 4th, 5th or 6th period.



= 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.

AP Courses

Science

Biology
Chemistry
Physics

Math

Calculus AB
Calculus BC
Computer Science A
Computer Science Principles
Statistics

Reading

English Language
English Literature & Composition

Social Studies

European History
Psychology
U.S. Government & Politics
U.S. History

Superior Cognitive Ability only

Chinese
French
German
Spanish
Macroeconomics
Microeconomics

Middle School

Honors Math 6
Accelerated Math 7
Algebra 1
Honors Geometry (gifted service for grade 8 only)
Honors Language Arts 7
Honors Language Arts 8
Honors Science 7
Honors Science 8
Honors Social Studies 7
Honors Social Studies 8
Honors 7th Core Infusion-ELA/Science
Honors 8th Grade Core Infusion-ELA/Science
Accelerated Math 7 Core Infusion

Visual and Performing Arts Courses

Music (High School)

Chamber Orchestra
Honors Chamber Orchestra
Wind Ensemble
Honors Wind Ensemble
Choir 400
Honors Choir 400
Academy VIBE 2: Music & Audio Component

Music (Middle School)

Concert Orchestra (gifted service for grade 7 only)
Advanced Concert Orchestra
Symphonic Band (gifted service for grade 7 only)
Advanced Symphonic Band
Advanced Choir 8

Visual Art (High School)

Art Portfolio
AP 2-D Art and Design

Visual Art (Middle School)

Advanced Art 2D
Advanced Art 3D
Advanced Project Art and Ecology

Theatre (High School)

Production and Performance

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 \$95. 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.**

Summer assignments may be assigned in English, Social Studies, and Science AP courses. Assignments will be posted in Canvas during the Spring of each school year.

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*
European History
French Language and Culture*/French 5
German
Macroeconomics
MicroEconomics
Physics*
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)
Liberal Democracy in America*
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
PreCalculus	Hon. Chemistry
Hon. Wind Ensemble	Hon. World Studies

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

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 (transcripted) 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.

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 & 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. & Lang</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>ENGL 104: Intro. to Lit. & Lang</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>SPAN 321: Adv. Grammar & Comp.</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>

• <i>FREN 321: Adv. Comp. & Conversation</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>FREN 323: Adv. Comp. & Conversation</i>	<i>.50 unit</i>	<i>4 semester credits = 1.0 HS credit</i>
• <i>Political Science 200: Liberal Democracy in America</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: Federal 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: Public Speaking or PHIL 1130: Ethics</i> | <i>3 semester credits = 1.0 HS credit</i> |

Spring Semester:

- | | |
|--|---|
| • <i>POLS 1250: State & Local Government</i> | <i>3 semester credits = 1.0 HS credit</i> |
| • <i>PHIL 1130: Ethics or COMM 1105: Public Speaking</i> | <i>3 semester credits = 1.0 HS credit</i> |
| Total Year 2: | 12 semester credits |

Total credits:

24 credits

Business Academy

What is Business Academy? This program is for the college bound student interested in a career in business. Business Academy offers students a unique learning experience while providing the opportunity to earn 11 college credit hours through Columbus State Community College. This two-year program introduces students to strategic entrepreneurship, finance, investments, sales, marketing, operations, management, and 21st century skills necessary for success in pursuing a career in business. Students are challenged to generate innovative ideas for product and business development. They will conduct market research, create promotional materials for simulated and real businesses, understand and experience the sales process, apply money management skills with a personal and business approach, develop and execute business plans and present their entrepreneurial ventures throughout this course.

Recommended for grades 11 & 12.

Year 1:

- 1st Semester *MGTK 1230: Customer Sales and Service* *3 Articulated credit = 1.0 HS credit*
- 2nd Semester *FMGT 1101: Personal Finance* *3 CCP credits = 1 HS Credit*
 *** Personal Finance* *.50 HS credit*
 OR Personal Finance *1.50 (high school only for non-CCP qualifiers)*

Year 2:

- 1st Semester *BMGT 1101: Principles of Business* *3 semester credits = 1.0 HS credit*
 *** Principles of Business* *.50 HS credit*
 OR Principles of Business *1.50 (high school only for non-CCP qualifiers)*
- 2nd Semester *BMGT1008: 21st Century Workplace Skills* *2 semester credits = .67 HS credit*
 *** 21st Century Workplace Skills* *.83 HS credit*
 OR 21st Century Workplace Skills *1.50 (high school only for non-CCP qualifiers)*

*** Articulated credit = student may receive college credit if they attend CSCC.*

Health Professionals Academy

Health Professionals Academy is for the college bound student that is interested in pursuing a career in a medical related field. This program is structured to be a two-year experience for students in grades 11 & 12. The goal of the program is to expose students to a variety of high-demand Health related careers in the following areas: Medical Assistant; Medical Administrative Assistant; and EKG Technician. This program is designed to provide a firsthand experience of the allied health career fields. Students will be exposed to multiple modules and authentic internship experiences.

Year 1:

- 1st Semester: *Health Tech 1* *1.0 HS credit*
- 2nd 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)*

Year 2:

- 1st semester *Health Tech 2* *1.0 HS credit*
- 2nd semester *Health Tech 2* *1.0 HS credit*

Academy EDU

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.

Year 1:

- 1st Semester *Teaching Professions 1A* *1.0 HS credit*
- 2nd Semester *EDUC2210 Intro to Education* *3.0 semester credits = 1.0 HS credit*
 Teaching Professions 1B *.50 HS credit*
 OR Teaching Professions 1B *1.50 HS credit*

Year 2

- 1st Semester *EDUC2220 Ed Technology* *3.0 semester credits= 1.0 HS credit*
 Teaching Professions 2A *.50 HS credit*
 OR Teaching Professions 2A *1.50 HS credit*
- 2nd Semester *Teaching Professions 2B* *1.0 HS credit*

College Credit Plus @ Columbus State Community College (step by step)**Step 1:** Turn in paperwork:

- Intent to Participate form – This is a Google doc. Below is the link to CCP information and the Intent form. Go to the Hilliardschools website and click on the “student” tab, then on “academics”, then on College Credit Plus - <https://www.hilliardschools.org/departments/curriculum-instruction/college-credit-plus/>
***This is due by April 1

Step 2: Apply to CSCC – Please sure to fill out the CCP application – www.cscce.edu

- Students must fill out the College Credit Plus application (use email that is easy to check)
- CSCC’s Parent Permission form - <https://www.cscce.edu/academics/college-credit-plus/pdfs/Permission%20slip.pdf>
- Mature Content Survey - <https://www.cscce.edu/academics/college-credit-plus/pdfs/Student%20Questionnaire.pdf>

Step 3: Students must qualify by using one of these options:

- ACT/SAT scores for placement
- Accuplacer placement test and ALEKS for math
- Under CCP revised rules, students qualify with a 3.0 unweighted gpa. Any questions, please ask Mr. Woodford

Step 4: Schedule classes with Mr. Woodford:

- This meeting will be an advising session and we will fill out all registration forms needed to schedule classes.

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 Mr. Woodford

*** Once a student has participated in CCP, students will only need to fill out a registration form each semester to schedule classes.

Important Contacts:

- Mr. Tom Woodford—Tom_Woodford@hboe.org
- CSCC’s Academic Advisor for Hilliard Schools: Michelle Miller-Owens - 614-287-3942, mmillero@cscce.edu

Deadlines for Registration!

- * For Autumn classes—Students must have applied, taken placement tests/qualified and applied by August 1
- * For Spring classes—Students must have applied, taken placement tests/qualified and applied by Dec. 17
- * For Summer classes—Students must have applied, taken placement tests/qualified and applied 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. Woodford 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 Mr. Woodford.
- Step 4:** Schedule a meeting with Michelle Brown 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: <https://hilliardschools.org/departments/curriculum-instruction/college-credit-plus/>

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

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 or 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. Woodford.

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.

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 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 course

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
- 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.

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.

Many pre-approved “educational options” through credit flexibility have been identified and are designated in the Program of Studies with the following icon:



Additional details about each of these options can be found on the school district website. Go to **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.**

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 > 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) June – 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: **March 3, 2023 for the June assessment; May 5, 2023 for the August assessment; October 7, 2023 for the December 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.

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 11, 2023, November 17, 2023, and April 26, 2024**; 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 2019/2020 are as follows: **September 1, 2023, January 5, 2024, May 3, 2024 and September 2, 2024.**
- 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.

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.**

<u>Subject</u>	<u>Credit</u>	
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
Eng. 9 A & B/ Honors Eng. 9	1
Algebra 1 A & B / Geometry A & B	1
Biology A & B / Honors Geometry	1
World Studies A & B/ Honors World Studies	1
World Language	1
Physical Education	1/4**
Future Ready	1/2
Elective	1*

10th Grade	Credit
Eng. 10 A & B / Honors Eng. 10	1
Geometry A & B / Algebra 2 A & B / Honors Algebra 2	1
Physical Science A & B /Honors Physical Science / Chemistry / Honors Chemistry	1
US History A & B / AP US History	1
World Language	1
Physical Education	1/4**
Health	1/2
Elective	1*

11th Grade	Credit
Eng. 11 A & B / AP English Language	1
Algebra 2 A & B/ Pre-Calculus / AP Statistics / Algebra 3 A & B	1
Chemistry / Honors Chemistry / Physics	1
US Government A & B or AP US Government or Liberal Democracy in America (1.0)	1
World Language	1
Elective	1*

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

*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 (21.5 credits). **Students must meet all criteria for the physical education waiver prior to the start of the senior

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.

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, 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 April.**

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.

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 in the spring.

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.



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 nondoctrinal 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 :

- Math 9
- Math 10
- Math 11
- American History Through Film

****NOTE:** GAC 1 and GAC 2 only receive .5 credit each for geometry by the NCAA Eligibility Center.

For more information, please visit http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DI_ReqsFactSheet.pdf

International Students: Please visit 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:

- Math 9
- Math 10
- Math 11
- American History Through Film


****NOTE:** GAC 1 and GAC 2 only receive .5 credit each for geometry by the NCAA Eligibility Center.

For more information, please visit http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DII_ReqsFactSheet.pdf

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

High School Courses

Course Code Key

Course Code		Icon Descriptor — See Icon Key Below
Length of Course	#600001	
	One Semester .5 Social Studies Credit	Number & Type of Credit Earned
World Studies A		Course Title
Course Description	<u>A student who enrolls in this course must also enroll in World Studies B.</u> 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.	
	<i>Prerequisites: None</i>	
Previous Courses/ Criteria Required for Enrollment		

Icon Key



Course fulfills a specific graduation requirement



Course is available online



College credit can be earned through this course



Credit is earned for this course through the credit flexibility program



Course fulfills the financial literacy graduation



Course is considered gifted service for qualifying students



New course for the 2023-2024 school year

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

Thinking about taking Honors, AP, or College Credit Plus classes?

Use this checklist to help you decide for each Honors course you are considering.

Students well-suited for an Honors level course will answer **Yes** to the items on this checklist.
If you answered **No** to one or more of the questions below, please discuss this decision with your current

INTEREST	Yes	No
Do you enjoy this subject enough to accept the academic challenges and work that come with an Honors level course?		
ACADEMICS	Yes	No
<i>Consider your academic achievement in your current class <u>in this subject</u>:</i> If you are currently in an Honors/AP/CCP course, are you successful? If you are in a non-honors course, are you achieving at a high level?		
Have you met the prerequisite course requirements or suggested criteria for the course (if mentioned in the Program of Studies)?		
Has your current teacher recommended you for an Honors course in this subject area?		
Are you able to learn quickly and apply your learning to new situations?		
Are you able to work independently as well as collaboratively on tasks?		
Do you regularly participate and engage in classroom activities?		
Do you value learning and understanding as much as the grade you earn?		
MINDSET	Yes	No
Do you have successful work habits and organizational skills?		
Are you comfortable with productive struggle/academic challenges when learning?		
Do you attend school consistently?		
Do you have the grit to carry academic tasks to completion?		

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

#100001

One Semester .5 Fine Arts Credit

Drawing 1

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

Prerequisites: None

#100002

One Semester .5 Fine Arts Credit

Drawing 2

This is an intermediate level course. It 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

#100003

Two Semesters 1 Fine Arts Credit

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

#100025

One Semester .5 Fine Arts Credit

Painting 1

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.

Prerequisites: None

#100026

One Semester .5 Fine Arts Credit

Painting 2

This is an intermediate level course. It 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

#100027

Two Semesters 1 Fine Arts Credit

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

#100030

One Semester .5 Fine Arts Credit

Photography 1

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 will also be required to purchase additional photographic supplies. Students and parents need to be aware that this can be a costly course.

Prerequisites: None

#100031

Two Semesters 1 Fine Arts Credit

Photography 2

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 also be required to purchase additional photographic supplies. Students will learn matting and/or mounting skills and be encouraged to enter regional and state art competitions.

Prerequisites: Photography 1

#100032

Two Semesters 1 Fine Arts Credit

Photography 3

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 also be required to purchase additional photographic supplies. Students will learn matting and/or mounting skills and be encouraged to enter regional and state art competitions.

Prerequisites: Photography 2**#100035**

One Semester .5 Fine Arts Credit

Media Arts 1

This course is an introduction to making Conceptual and Commercial Digital art in still and time-based media (film and animation). Students will use a variety of computer programs and/or software. Emphasis will be on both technical skills and creative art-making.

Prerequisites: None**#100036**

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**#100005**

One Semester .5 Fine Arts Credit

Ceramics 1

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.

Prerequisites: None**#100006**

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**#100007**

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**#100008**

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**#100020**

One Semester .5 Fine Arts Credit

Sculpture 1

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.

Prerequisites: None**#100021**

One Semester .5 Fine Arts Credit

Sculpture 2

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

#100010

One Semester .5 Fine Arts Credit

Art Appreciation 1

This course combines art history, art criticism and aesthetics in order to provide the student with an academic study of the fine arts. The course content is introduced through the use of slides, digital images, videos, lectures and limited art production. The historical component of Art Appreciation 1 begins with prehistoric art and continues through the Romanesque and Gothic Periods. This is a good course for those seeking an art credit without taking a studio course.

Prerequisites: None**#100011**

One Semester .5 Fine Arts Credit

Art Appreciation 2

This course takes the same approach as Art Appreciation 1 but the historical component begins with the Renaissance and continues through Modern and Contemporary Art.

Prerequisites: Art Appreciation 1**#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**.

Prerequisites: None**#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**.

Prerequisites: None

**Art Courses held only at
The Innovation Campus:**
[Animation & Motion Graphics](#)
[Animation & Motion Graphics 2](#)
[BE²TA 2.0](#)

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

This course 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.**

Prerequisites: None

#150006

One Semester .5 Elective Credit

Accounting 2

This course 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 students will plan and explore the startup of their own business venture. Students will improve their understanding of marketing, finance, entrepreneurship, and other core business areas. Entrepreneurship is designed for students who desire to major in business at the college level. **This course fulfills the financial literacy requirement if taken during the Sophomore, Junior or Senior year.**

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

Prerequisites: ½ Business Credit

#150030

One Semester .5 Elective Credit

Marketing

Students in Marketing will learn how companies gain and maintain competitive advantages in a global environment. Students will create commercials, advertisements, social media campaigns and new products for simulated and real businesses. Units include: pricing strategies, market research, sales presentations, advertising and promotion. This is an excellent course for those pursuing a business career.

Prerequisites: None

#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 11th - 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 11th - 12th grade.

#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 Sophomore, Junior or Senior year.

Prerequisites: None

#150002

One Semester .5 Elective Credit

Business Explorations

This 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 variety of business topics and will also examine current business issues and trends. This course is open to all students.

Prerequisites: None

#150045



#150L02



One Semester .5 Elective Credit

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 Sophomore, Junior or Senior year.**

Prerequisites: None

#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.

Prerequisites: None

#150001



#15CT01

Teacher Approval
Required

One Semester .5 Elective Credit

Future Ready

Students benefit by seeing a connection between what they learn in school and their future careers. In this class, students get to develop their graduation plan, and will begin exploring future careers and the pathways to get there. Projects focus on analyzing those career and college opportunities, while incorporating SchoolLinks and using basic computer application functions like Microsoft Office software. This class will combine business technologies, effective research, and oral communication in an interdisciplinary approach to ensure students are Ready for Tomorrow.

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

Prerequisites: None

**Business Course held only at
The Innovation Campus:**

[Business Academy](#)

Multiple Course Code #'s

Multiple Semesters

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.

Prerequisites: None

#200020

Two Semesters 1 Elective Credit

Game Design & App Development

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.

Prerequisites: None

Advanced Placement Course

#200025



Two Semesters 1 Elective Credit

Advanced Placement Computer Science A

This course is the study of computer science 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. *Possible credentialing available in Java through Oracle Academy.*

Prerequisites: Programming OR AP Computer Science Principles

#200012



Two Semesters 1 Elective Credit

AP Computer Science Principles

This course is recommended for any student who took Coding in Middle School or has completed Game Design and App Development. Students will learn the fundamentals of computer science and design thinking, and will study the societal impact of computing innovations in preparation for the AP Comp Science Principles Exam offered by The College Board. A broad range of topics will be addressed such as hardware, programming, robotics, algorithms, the Internet, big data, and digital privacy and security.

This course is not an option for a student who has completed AP Computer Science A. This course will fulfill the

Grades 9th - 12th

Prerequisites: None

Cyber Academy

This program is for students interested in the rapidly developing and advancing field of Cybersecurity. Cybersecurity students will learn skills that prepare them for certification exams and the potential for internships. Completing these courses and related cybersecurity certifications will provide students with a unique portfolio of skills to set them apart when applying for post-secondary institutions and/or career opportunities. Students who participate will need to provide their own transportation to the Emerald Campus in Dublin.

# 200048—Year 1:	Two Semesters	Grade level: 9 - 12	1 Credit
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#200053 Introduction to Cybersecurity

In this course, students learn valuable skills to get them started in the rapidly developing and advancing field of Cybersecurity. These skills will prepare them for valuable certification exams and provide the potential for internships in the Cybersecurity Academy. No prior knowledge of Cybersecurity or computer science is necessary, just a basic understanding of computers and computer systems. Networks, Systems Security, Cryptography, Information Security, Risk Identification, are among the topics covered in the course. Students complete online learning modules and participate in simulations and authentic, cybersecurity applications. Students may complete CompTIA Fundamentals certification in this course.

#200058—Year 2:	Two Semesters	Grade level: 11 and 12	2 –2.5 Credits
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Students will continue working toward the certifications necessary to be career-ready in the Cybersecurity field. First semester, students will deepen understanding of the topics covered in Introduction to Cybersecurity and extend to digital forensics and other related security topics. Second semester will focus on a “build your own challenge” experience, where students can define the path and certifications of interest to them, including a potential cybersecurity internship. Students will be expected to complete CompTIA certifications such as, A+ Security+ and plan their cybersecurity future with industry mentors.

Prerequisite: Introduction to Cybersecurity

First Semester:

#200054 Cybersecurity Defense and Reinforcement (1 Credit)

Students learn the process of systematic defense for information technology systems. They apply knowledge and skills required to secure network resources including infrastructure, operating systems, data, and applications. Students apply the knowledge of disaster recovery and business continuity.

Second Semester:

#200055 Cybersecurity Testing and Response (1 Credit)

Students will apply the skills of systematic testing and planned response to mitigate security concerns in information technology systems. They will describe the need for security, identify and explain security risks, and implement security safeguards. Students will manage threats, deploy countermeasures, and establish strategies to protect business information using risk and incident management.

Optional 2 Semester:

#200039 Cyber Research & Field Experience (.50 Credit)

This optional capstone course provides opportunities for students to apply knowledge and skills that were learned in Cyber Academy in a more comprehensive and authentic way. This capstone experience can include project/problem-based learning opportunities that occur both in and away from school. Under the supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of methods including cooperative education or apprenticeship.

Prerequisite: Cyber Academy Year 1 and instructor approval

English Graduation Requirement (4 credits)

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

#300003 English 9A
#300004 English 9B#300L01 A-SM1
#300L90 A-SM2
#300L91 B-SM1
#300L03 B-SM2

One Semester .5 English Credit

English 9A and 9B

A student who enrolls in this course must enroll in English 9A and 9B. 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.

Prerequisites: None

#300002



Two Semesters 1 English Credit

Honors English 9

It is recommended for enrollment in this course that students complete Language Arts 8 with a grade of "A" or Honors Language Arts 8 with a grade of "B" or higher. 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.

Prerequisites: None#300008 English 10A
#300009 English 10B#300L05 A-SM1
#300L92 A-SM2
#300L93 B-SM1
#300L06 B-SM2

One Semester .5 English Credit

English 10A and 10B

A student who enrolls in this course must enroll in English 10A and 10B. 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.

Prerequisites: None

#300006

Two Semesters 1 English Credit

Honors English 10

It is recommended for enrollment in this course that students complete English 9 with a grade of "A" or Honors English 9 with a grade of "B" or higher. 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 **prior** 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.

Prerequisites: None#300046 English 11A
#300047 English 11B#300L45 A-SM1
#300L94 A-SM2
#300L95 B-SM1
#300L46 B-SM2

One Semester .5 English Credit

English 11A and 11B**A student who enrolls in this course must enroll in English 11A and 11B.**

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.

Prerequisites: None#300075 English 12A
#300076 English 12B#300L75 A-SM1
#300L96 A-SM2
#300L97 B-SM1
#300L76 B-SM2

One Semester .5 English Credit

English 12A and 12B**A student who enrolls in this course must enroll in English 12A and 12B.**

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.

Prerequisites: None

Advanced Placement Courses

#300010



Two Semesters

1 English Credit

Advanced Placement 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. Summer work will be required.

Grade level: 11

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

#300011



Two Semesters

1 English Credit

Advanced Placement 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 fifteen (15) 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. Summer work will be required.

Grade level: 12

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

KAP English



#30DE11 ENG 103 Intro to Lit & Lang
#30DE12 ENG 104 Intro to Lit & Lang

One Semester

1 English Credit

ENG 103 & 104 Intro to Lit. & Lang.

A student who enrolls in this course must enroll in ENG103 and ENG 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 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. Student removal may occur at the end of 1st semester if the student is not meeting work requirements.

Prerequisites: An application for the yearbook staff must be completed prior to registration, and students will receive notification of acceptance.

#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.

Prerequisites: An application for the Journalism and Broadcast staff must be completed prior to registration, and students will receive notification of acceptance.

#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.

Prerequisites: None

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

#30EL14 EL-English 1A #30EL15 EL-English 1B



One Semester .5 English/.5 Elective 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.

Prerequisites: None

#30EL02 EL-English 2A #30EL17 EL-English 2B



One Semester .5 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.

Prerequisites: None

#30EL40 EL-English 3 1A #30EL22 EL-English 3 1B



One Semester .5 English/.5 Elective Credit

EL-English 3 1A and 1B

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.

Prerequisites: None

#30EL44 EL-English 3 2A #30EL23 EL-English 3 2B



One Semester .5 English/.5 Elective Credit

EL-English 3 2A and 2B

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.

Prerequisites: None

#30EL03 EL-English 4A #30EL24 EL English 4B



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.

Prerequisites: None

#85EL01

Two Semesters 0 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.

Prerequisites: None

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	50SH02
Algebra 1B	50SH03
Algebra 2A	50SH32
Algebra 2B	50SH33
Physical Science A	55SH01
Physical Science B	55SH02
Biology A	55SH05
Biology B	55SH06
World Studies A	60SH01
World Studies B	60SH02
U.S. History A	60SH05
U.S. History B	60SH06
U.S. Gov. A	60SH35
U.S. Gov. B	60SH36

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.**

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.

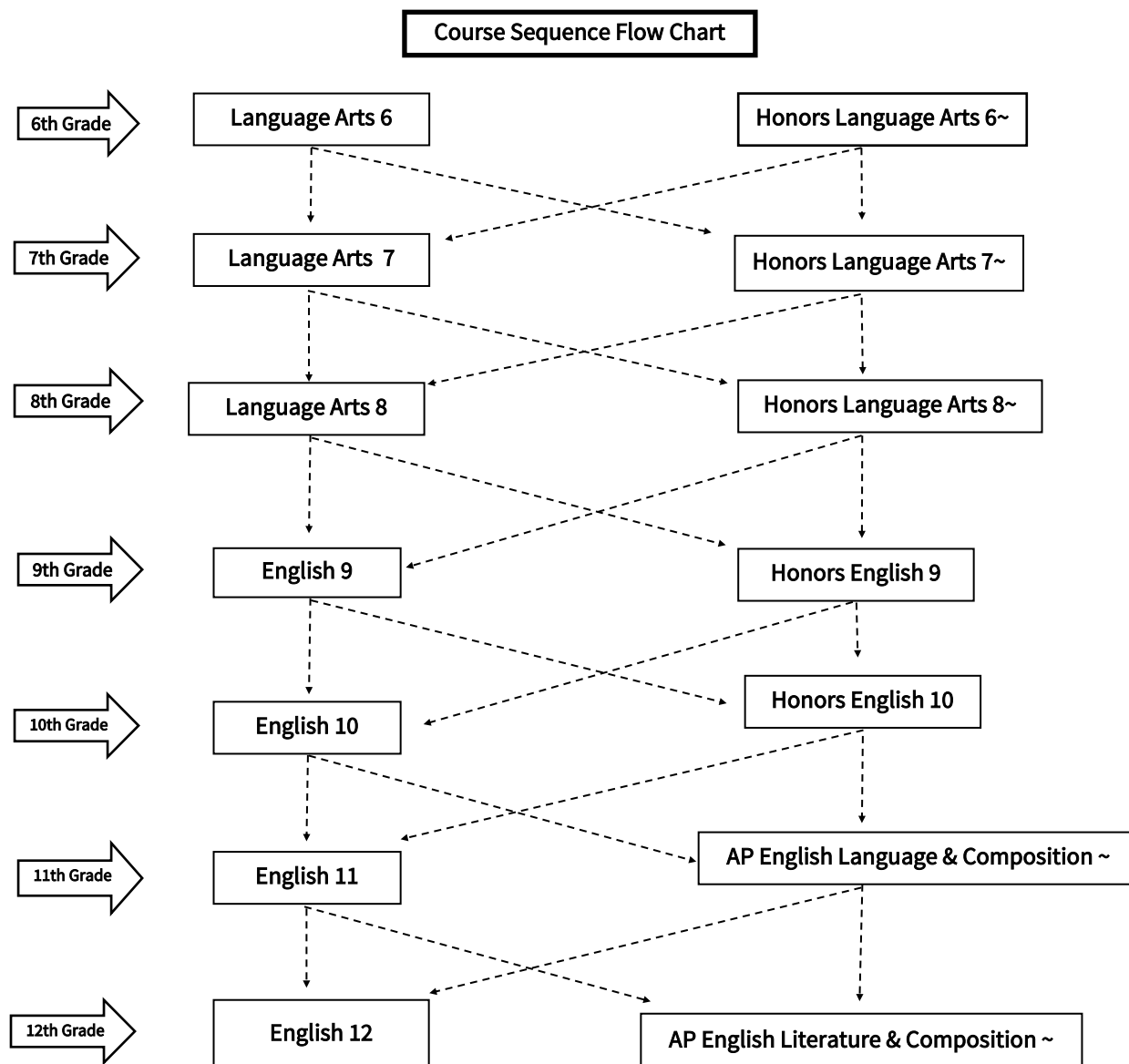
Algebra I Workshop A& B

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.

Hilliard City School District English/Language Arts Course Sequence Grade 6-12

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.



~These courses are considered Gifted Services.

Aspiring EDU

350002

One Semester

Grade level: 9 - 10

.50 Credit

What is Aspiring EDU? Inspired by the practices of Project EDU and Academy EDU, this course is designed for students who are interested in pursuing the education profession with the flexibility of taking this course at your school. This course is designed to support students by exploring the teaching profession. Designed as an introduction into the teaching profession, students will dive into all of the components that make a great teacher.

Students will develop skills in the following areas: developing a philosophy of education, examining culturally responsive teaching practices, impact of culture in the classroom, creating a classroom that is physically and emotionally safe respecting the lived experiences of the students, examining strategies to promote learning, creating a classroom management philosophy that respects all learners, building partnerships with teachers within the school, further 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 Aspiring EDU? Students explore the teaching profession by observing in the classrooms at their home building. This course complements Project EDU and Academy EDU, but you do not need to have been in Project EDU to enroll in this course. Each of our EDU courses are able to be stand-alone programs with focused content in each course.

Aspiring EDU will dive into the diverse classroom experiences that students bring with them and discuss how teachers can be culturally responsive to create a classroom space that is equitable and welcoming to all.

Aspiring EDU gives an opportunity for students to have experiences in the classroom within their home building. Students will be able to observe 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. Aspiring EDU students will be doing observations in their home school building.

Would you like to teach in Hilliard City Schools? Aspiring 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 Aspiring EDU? Aspiring EDU is a semester-long course offered at each high school and is scheduled for 1 class period a day. Students will spend time learning about the education profession then will be able to observe teachers within their building.

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

Prerequisites: None

#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.

Prerequisites: None

#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.

Prerequisites: None

#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.**

Prerequisites: None

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

[Career Mentorship](#)

[Academy EDU](#)

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.

#400006 French 1A #400007 French 1B

One Semester .5 Elective Credit

French 1A and 1B

A student who enrolls in this course must enroll in French 1A and 1B.

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: None

#400008 French 2A #400009 French 2B

One Semester .5 Elective Credit

French 2A and 2B

A student who enrolls in this course must enroll in French 2A and 2B.

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

#400003

Two Semesters 1 Elective Credit

French 3

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 3

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 are 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**

#400026 Spanish 1A
#400027 Spanish 1B

One Semester .5 Elective Credit

Spanish 1A and 1B

A student who enrolls in this course must enroll in Spanish 1A and 1B.

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: None
#400028 Spanish 2A
#400029 Spanish 2B

One Semester .5 Elective Credit

Spanish 2A and 2B

A student who enrolls in this course must enroll in Spanish 2A and 2B.

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***#400023**

Two Semesters 1 Elective Credit

Spanish 3

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 3***#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 and will meet the requirements for high school Spanish 5.

#40DE25 KAP Spanish 321 4 College Credits

Additional World Language courses held only at The Innovation Campus:

[German](#)

#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.

*Prerequisites: None***#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.

*Prerequisites: None***#400030 Chinese 1A****#400036 Chinese 1B**

One Semester .5 Elective Credit

Chinese 1A and 1B

A student who enrolls in this course must enroll in Chinese 1A and 1B.

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: None

#400042 Chinese 2A #400043 Chinese 2B

One Semester .5 Elective Credit

Chinese 2A and 2B

A student who enrolls in this course must enroll in Chinese 2A and 2B.

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 1

#400033

Two Semesters 1 Elective Credit

Chinese 3

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 2

#400034

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 3

#400035

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

#400040 ASL 1A

#400041 ASL 1B

One Semester .5 Elective Credit

American Sign Language 1A/1B

A student who enrolls in this course must enroll in ASL 1A and 1B.

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.

Prerequisite: None

#400046 ASL 2A #400047 ASL 2B

One Semester .5 Elective Credit

American Sign Language 2A /2B

A student who enrolls in this course must enroll in ASL 2A and 2B.

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 1

#400039

Two Semesters 1 Elective Credit

American Sign Language 3

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 2



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 Algebra 3, Statistics, and PreCalculus.

Mathematics Graduation Requirement (4 credits)

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

#500002 Algebra 1A #500003 Algebra 1B

#500L11 A-SM1 
#500L88 A-SM2
#500L89 B-SM1 
#500L12 B-SM2

One Semester .5 Mathematics Credit

Algebra 1A and 1B

A student who enrolls in this course must enroll in Algebra 1A and 1B.

This high school accredited course is aligned to Ohio Math Learning Standards and is designed to provide students with a solid foundation upon which all future math courses will build. Concepts studied in this course include Understanding Functions, Systems of Linear Equations & Inequalities, Polynomial Expression & Equations, Graphing and Writing Linear, Quadratic and Exponential Functions, Working with Quadratic and Polynomial Expressions and Equations, and Statistical Analysis. All units incorporate a strong element of mathematical modeling. Students who successfully complete Algebra 1A/B proceed to Geometry A/B.

Prerequisite: Math 8

**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.*

#500012 Algebra 1 w/Workshop A #500013 Algebra 1 w/Workshop B

One Semester 1 Mathematics Credit

Algebra 1 w/Workshop A and B A student who enrolls in this course must enroll in Algebra 1 w/ Workshop A and B.



This high school accredited course is aligned to Ohio Math Learning Standards and is designed to provide students with a solid foundation upon which all future math courses will build. Concepts studied in this course include Understanding Functions, Systems of Linear Equations & Inequalities, Polynomial Expression & Equations, Graphing and Writing Linear, Quadratic and Exponential Functions, Working with Quadratic and Polynomial Expressions and Equations, and Statistical Analysis. All units incorporate a strong element of mathematical modeling. This **double-blocked course** will provide additional instruction for students concurrently enrolled in Algebra 1A and 1B. Students will be placed into this course based on national, state, and local data, along with teacher recommendation.

Students who successfully complete Algebra w/Workshop A/B may proceed to Geometry w/Workshop A/B or Geometry A/B.

*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. ***

Prerequisite: Math 8

#500021 Geometry A #500022 Geometry B

#500L21 A-SM1 
#500L94 A-SM2
#500L95 B-SM1 
#500L22 B-SM2

One Semester .5 Mathematics Credit

Geometry A and B

A student who enrolls in this course must enroll in Geometry A and B.

Geometry A/B is a high school accredited course and is aligned to Ohio Math Learning Standards. Concepts studied in this course include Essentials of Geometry, Logic and Proof, Parallel & Perpendicular Lines, Rigid Transformations and Congruence, Properties of Triangles, Similarity and Dilations, Right Triangle Trigonometry, Circles, Conditional Probability, Polygons and Quadrilaterals, and Three Dimensional Geometry. Students who successfully complete Geometry A/B may proceed to either Algebra 2A/B, Data Science Foundations (junior year only), or Honors Algebra 2A/B.

Prerequisite: Algebra 1A and 1B

#500023 Geometry w/Workshop A
#500024 Geometry w/Workshop B


One Semester 1 Mathematics Credit

Geometry w/Workshop A and B
A student who enrolls in this course must enroll in Geometry A and B. This double blocked course is designed to provide additional instruction for students concurrently enrolled in Geometry A and B.

Geometry A/B is a high school accredited course and is aligned to Ohio Math Learning Standards. Concepts studied in this course include Essentials of Geometry, Logic and Proof, Parallel & Perpendicular Lines, Rigid Transformations and Congruence, Properties of Triangles, Similarity and Dilations, Right Triangle Trigonometry, Circles, Conditional Probability, Polygons and Quadrilaterals, and Three Dimensional Geometry. This **double-blocked course** will provide additional instruction for students concurrently enrolled in Geometry A and B. Students will be placed into this course based on national, state, and local data, along with teacher recommendation.

This course is highly recommended for students who have completed Algebra 1A and 1B w/ Workshop.

Students who successfully complete Geometry w/Workshop A/B can proceed to Data Science Foundations A/B or Algebra 2A/B.

Course credit: 1 credit for passing Geometry A with Workshop and 1 credit for passing Geometry B with Workshop for a total of 2 credits.**

Prerequisite: Algebra 1A/B or Algebra 1A/B w/Workshop

#500041 Data Science Foundations A
#500042 Data Science Foundations B

One Semester .5 Mathematics Credit

Data Science Foundations A and B
A student who enrolls in the course must enroll in Data Science Foundations A and B.

Acquiring foundational knowledge in data science and basic programming skills are the primary objectives and outcomes of the Data Science Foundations course. This course includes mathematics, statistics and computer science methods in the analysis and interpretation of data. Students will make predictions and decisions using data. This course is designed to enhance problem solving and reasoning skills to analyze big data to find patterns and communicate meaning. Students who successfully complete Data Science Foundations credit may proceed to Algebra 2A/B and/or Statistics A/B.

Prerequisite: Geometry A/B

#500032 Algebra 2A
#500033 Algebra 2B
#500L31 A-SM1
#500L96 A-SM2
#500L97 B-SM1
#500L32 B-SM2


One Semester .5 Mathematics Credit

Algebra 2A and 2B
A student who enrolls in this course must enroll in Algebra 2A and 2B.

Algebra 2A/2B is recommended for students who passed Geometry A/B with a "C" or lower test average. This high school accredited course is aligned with Ohio Math Learning Standards. Concepts studied in the course include: Foundations of Functions, Quadratic Functions; Systems of Linear & Nonlinear Equations & Inequalities, Polynomial Functions, Radical Functions, Exponential and Logarithmic Functions, Rational Functions, and Extending Right Triangle Trigonometry. Daily access to a TI-83 or TI-84+ graphing calculator or comparable app is highly recommended. Students who successfully complete Algebra 2A/2B will proceed to Algebra 3, Data Science Foundations (junior or senior year only), or Statistics.

Prerequisite: Geometry A/B

#500034


Two Semesters 1 Mathematics Credit

Honors Geometry

This course is aligned to Ohio Math Learning Standards but will also investigate extension topics beyond the required standards; many of which will require strong algebra skills. Students in this course will explore concepts more deeply, with higher rigor, and with high expectation of mastery. Concepts studied in this course include Essentials of Geometry, Logic and Proof, Parallel & Perpendicular Lines, Rigid Transformations and Congruence, Properties of Triangles, Similarity and Dilations, Right Triangle Trigonometry, Circles, Conditional Probability, Polygons and Quadrilaterals, and Three Dimensional Geometry. Upon successful completion of Honors Geometry, students proceed to Honors Algebra 2.

Prerequisite: Students who successfully complete Algebra 1A/1B with an 83% test average or higher and teacher recommendation.

#980065



Two Semesters .5 Mathematics Credit
 .5 Business Innovations A
 .5 Business Innovations B

Algebra 2A/2B and Business Innovations A/B

Algebra 2A/B and Business Innovations A/B course is for **select seniors through teacher and counselor recommendation only**. This course provides an opportunity for students to learn foundational Algebra 2 concepts in a project-based and career-connected platform with strong associations to real world data. **This 2-period modified block course** is combined with a year of Business Innovations. Focusing on four main units (Foundations & Functions, Statistical Analysis, Design, and Finance) and the use of EXCEL and other dynamic algebra and geometry programs, students apply mathematical concepts learned to real world project-based applications. Working with area business leaders, students have opportunities to use real data and personal connections to solve real world and relevant problems as they build professional skills in communicating and presenting ideas.

This course will fulfill the financial literacy requirement.

Prerequisite: Geometry A/B or Data Science Foundations

****Note:** Students cannot earn two Algebra 2 credits, however an Algebra 2/Business credit may replace an Algebra 2 credit.

#500030



Two Semesters 1 Mathematics Credit

Honors Algebra 2

Honors Algebra 2 is recommended for students who successfully completed Honors Geometry with an 83% or higher test average. This high school accredited course is aligned with Ohio Math Learning Standards and includes the following units: Foundations of Functions, Quadratic Functions; Systems of Linear & Nonlinear Equations & Inequalities; Polynomial Functions; Radical Functions, Exponential & Logarithmic Functions; Rational Functions, Trigonometric Functions, and Extending Right Triangle Trigonometry. A heavy emphasis will be placed on applying algebraic concepts to solve real world problems. Although the graphing utilities will be used to enhance, introduce, and support the learning of the Honors Algebra 2 topics, most assessments are completed without a calculator to assess numerical fluency and analysis skills. Daily access to a TI-83 or TI-84+ graphing calculator or comparable app is REQUIRED.

Students who successfully complete Honors Algebra 2, may proceed to Algebra 3, PreCalculus, and/or AP Statistics.

Prerequisite: Successful completion of Honors Geometry with an 83% or higher test average.

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

#500036 Algebra 3A #500037 Algebra 3B



#500L41 A-SM1
 #500L98 A-SM2
 #500L99 B-SM1
 #500L42 B-SM2



One Semester .5 Mathematics Credit

Algebra 3A and 3B

A student who enrolls in this course must enroll in Algebra 3A and 3B.

Algebra 3A/3B are for students who passed Algebra 2A/2B. 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/2B in order to be successful in future math courses. Additional math concepts learned include Matrices, Statistics and Probability, and Applications of Trigonometry. Daily access to a TI-83 or TI-84+ graphing calculator or comparable app is REQUIRED.

Students who successfully complete Algebra 3A/3B may proceed to Statistics, AP Statistics, and/or PreCalculus.

Prerequisite: Algebra 2A/2B

#500040



Two Semesters 1 Mathematics Credit

PreCalculus

PreCalculus is for students who passed Honors Algebra 2 or Algebra 3. This course is aligned to the Ohio Math Learning Standards. Units in this course include: Polynomial and Rational Functions; Exponential & Logarithmic Functions; Trigonometric Functions; Analytic Trigonometry; Vectors and Matrices; Conic Sections, Probability & Discrete Mathematics. Daily access to a TI-83 or TI-84+ graphing calculator or comparable app is REQUIRED.

Students who successfully complete PreCalculus may proceed to AP Calculus AB, Calculus, and/or AP Statistics.

Prerequisites: Honors Algebra 2 or Algebra 3

#500050



Two Semesters 1 Mathematics Credit

Calculus

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. Daily access to a TI-83 or TI-84+ graphing calculator REQUIRED.

Students who successfully complete Calculus, may proceed to AP Calculus AB and/or AP Statistics.

Prerequisites: PreCalculus

#500045



Two Semesters 1 Mathematics Credit

Statistics

Statistics is recommended for seniors who have completed Algebra 2 and have an interest in statistics. 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. Daily access to a TI-84+ graphing calculator or comparable app is REQUIRED.

Students who successfully complete Statistics may proceed to AP Statistics.

Prerequisites: Data Science Foundations, Algebra 2 or Honors Algebra 2

Advanced Placement Courses

#500046



Two Semesters 1 Mathematics Credit

Advanced Placement Statistics

Statistics is designed for students going to college to major in business, economics, medicine, social science, or research science. Students study descriptive analysis, probability, hypothesis testing, sampling, study design, and distributions. Students enrolling in AP statistics are required to take an AP examination in May, or a comparable exam, as a requirement for successful completion of this course. Daily access to a TI-83 or TI-84+ graphing calculator REQUIRED.

Prerequisites: Algebra 2 or Honors Algebra 2

#500055



Two Semesters 1 Mathematics Credit

Advanced Placement Calculus AB

It is strongly recommended that a student should have a 83% or higher test average in PreCalculus. AP Calculus AB 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 enrolling in AP Calculus AB are required to take an AP examination in May, or a comparable exam, as a requirement for successful completion of this course. Daily access to a TI-83 or TI-84+ graphing calculator REQUIRED.

Students who successfully complete AP Calculus may proceed to AP Calculus BC and/or AP Statistics.

Prerequisites: Successful completion of PreCalculus with an 83% or higher test average.

#500056



Two Semesters 1 Mathematics Credit

Advanced Placement Calculus BC

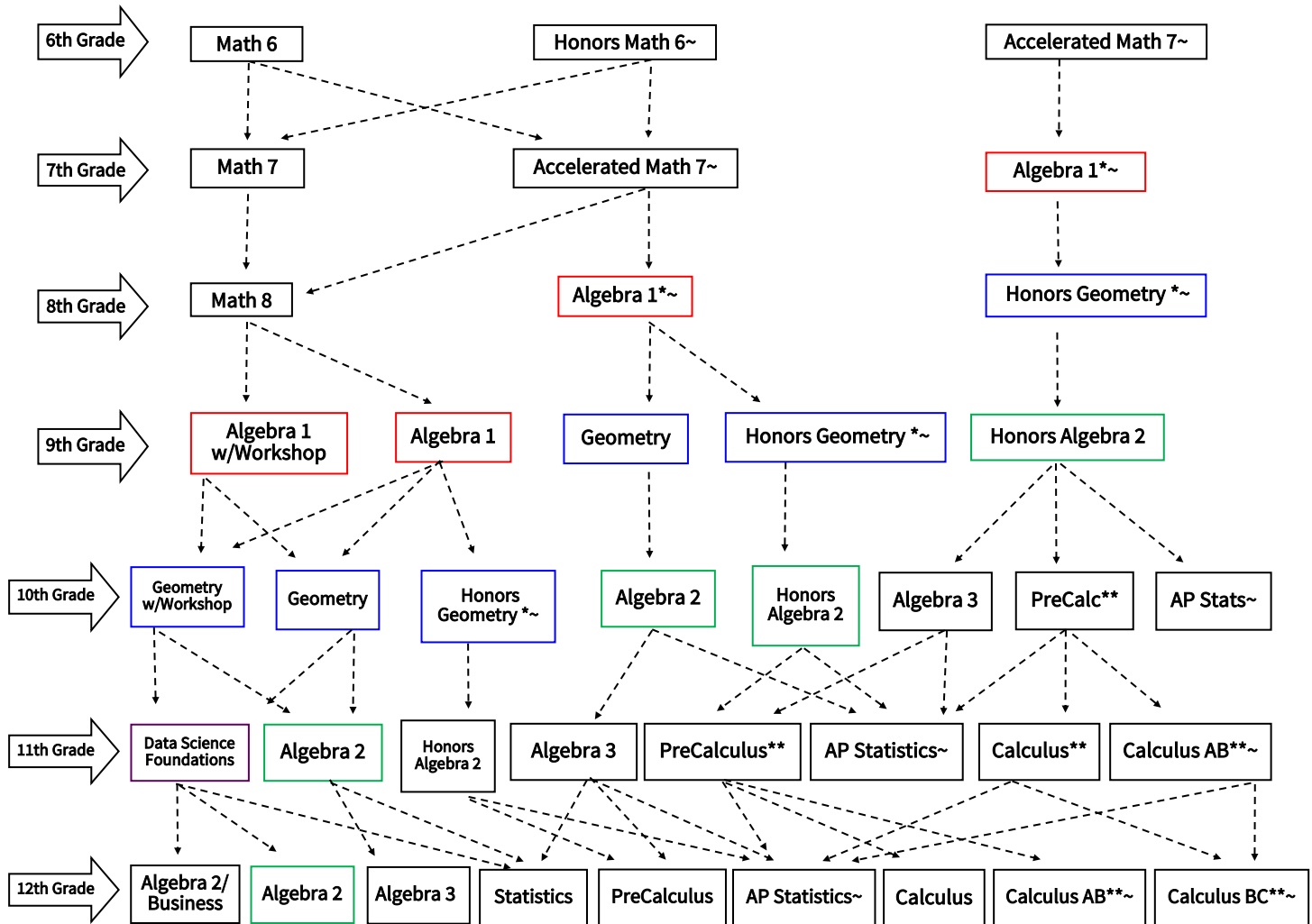
This course is designed to be a continuation of the calculus material learned in AP Calculus AB. Additional topics include partial fractions, differential equations, Taylor series, parametric, polar, and vector calculus. Students enrolling in AP Calculus BC are required to take an AP examination in May, or a comparable exam, as a requirement for successful completion of this course. Daily access to a TI-83 or TI-84+ graphing calculator REQUIRED.

Prerequisites: AP Calculus AB or Calculus

Hilliard City School District
Mathematics Course Sequence Grade 6-12

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.

Course Sequence Flow Chart



*This is a high school credited class. Your child's final grade will be posted on his/her high school transcript.

** These courses may be taken concurrently with AP Statistics.

~These courses are considered Gifted Services.

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.

#650004

One Semester .5 Fine Arts Credit

Introduction to Theatre

This course gives students exposure to a broad range of theatrical concepts required for work both on and backstage. The course will include concepts such as theatre terminology and history, performance areas such as movement, scene work, character development, and improvisation as well as technical elements such as scenic, lighting, sound, costume and makeup design and execution.

Prerequisites: None

#650005

One Semester .5 Fine Arts Credit

Theatrical Design and Production

This course will allow the serious technical theatre student to explore all aspects of production in greater depth. In this course, students will apply theoretical concepts and gain practical experience in such areas as scenic, lighting, sound, costume and makeup design through hands-on projects.

Prerequisites: Introduction to Theatre or permission of instructor

#650007

One Semester .5 Fine Arts Credit

Theatrical Performance

The course will allow the serious acting student to explore all aspects of performance in greater depth. The course will examine various acting techniques through intensive work on scenes and monologues and script analysis as well as covering the responsibilities of a director.

Prerequisites: Introduction to Theatre or permission of instructor

#650009

One Semester .5 Fine Arts Credit

Production and Performance

Students will continue their exploration and practical application of production and performance concepts, including the creation of collaborative theatrical productions. This course is repeatable. This course can be used as the basis of a Capstone Project.

Prerequisites: Theatrical Performance, Theatrical Design and Production, or permission of instructor.

#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

#650035

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*

#650037

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*



#650040

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. See page A-9 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

#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

#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.

Prerequisites: None

**Performing Art Courses held only at
The Innovation Campus:**

[Academy VIBE](#)

[Academy VIBE 2](#)

#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.

Prerequisites: None

#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

#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

#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

#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

#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. The projects in these courses naturally lead to exciting capstone experiences, even without previous enrollment.

Prerequisites: *Enrolled in or Completed Algebra 1*

#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. The projects in these courses naturally lead to exciting capstone experiences, even without previous enrollment.

Prerequisites: *Enrolled in or Completed Algebra 1*

#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. The projects in these courses naturally lead to exciting capstone experiences, even without previous enrollment.

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

#210003

Two Semesters 1 Elective Credit

Digital Electronics (DE)

Digital Electronics 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. The projects in these courses naturally lead to exciting capstone experiences, even without previous enrollment.

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

#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. The projects in these courses naturally lead to exciting capstone experiences, even without previous enrollment.

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

Science Graduation Requirement (3 credits)

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

#550016 Biology A
#550017 Biology B



#55OL08 A-SM1
#55OL90 A-SM2
#55OL91 B-SM1
#55OL09 B-SM2



One Semester .5 Science Credit

Biology A and B

A student who enrolls in this course must enroll in Biology 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

Prerequisites: None

#550018



Two Semesters 1 Science Credit

Honors Biology

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: This course must be taken concurrently with Geometry or higher level math course OR with a teacher recommendation.

#550001 Physical Science A
#550002 Physical Science B



#55OL51 A-SM1
#55OL96 A-SM2
#55OL97 B-SM1
#55OL52 B-SM2



One Semester .5 Science Credit

Physical Science A and B

A student who enrolls in this course must enroll in Physical Science 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

Prerequisites: None

#550003



Two Semesters 1 Science Credit

Honors Physical Science

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

Prerequisite: Successful completion of Algebra I A and B or higher level math

#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.

Prerequisites: Biology

#550020

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.

Prerequisites: A Physical Science course

#550035

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.

Prerequisites: Biology & Chemistry

#550010

One Semester .5 Science Credit

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).

Prerequisites: Biology

#550011

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

#550023 Scientific Principles of Sustainability A**#550024 Scientific Principles of Sustainability B**

#550L23 A-SM1

#550L92 A-SM2

#550L93 B-SM1

#550L24 B-SM2



One Semester .5 Science Credit

Scientific Principles of Sustainability A and B

A student who enrolls in this course must enroll in Scientific Principles of Sustainability 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.

Prerequisites: Physical Science A/B or Honors Physical Science

#550026

Two Semesters 1 Science Credit

Chemistry

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

#550027

Two Semesters 1 Science Credit

Honors Chemistry

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*

#550045

One Semester .5 Science Credit

Microbiology & Life Structures

This integrated zoology, botany, and microbiology course is designed to familiarize students with a variety of life science concepts. Essential lab skills are emphasized and necessary. This course includes a comprehensive survey of structure and function relationships of major and common animal, plant, and microbial phyla. There is a focus on microbial pathogens and bacterial identification, as well as the comparative anatomy of some animals and plants, evolution and conservation of organisms. This course is designed for students who may pursue higher education in a science field.

Prerequisites: *Biology A/B or Honors Biology*

#550021

One Semester 0.5 Science Credit

Geology

Geology is a course that studies the Earth; how it formed, how it has evolved, and how it works. The course will focus on the Earth's past, present, and future. As in all geosciences, observation will play a major role in lab. Ohio geology and current events will be an underlying theme in the class. Students may take geology and biology concurrently.

Prerequisites: *A Physical Science course*

#550030

Two Semesters 1 Science Credit

Physics

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 Algebra 3 or higher-level math*

#550L15

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.

Prerequisites: *Physical Science A/B, Honors Physical Science*
Note: *Environmental Science is only offered online.*

Advanced Placement Courses

#550008



Two Semesters 1.5 Science Credits

Advanced Placement 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 or Honors Biology; Honors Chemistry or Chemistry is a prerequisite or co-requisite*

#550028



Two Semesters 1.5 Science Credits

Advanced Placement 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 or Honors Chemistry and Algebra 2*

#550031

Two Semesters 1.5 Science Credits

Advanced Placement 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.)*

#550032



Two Semesters 1 Science Credit

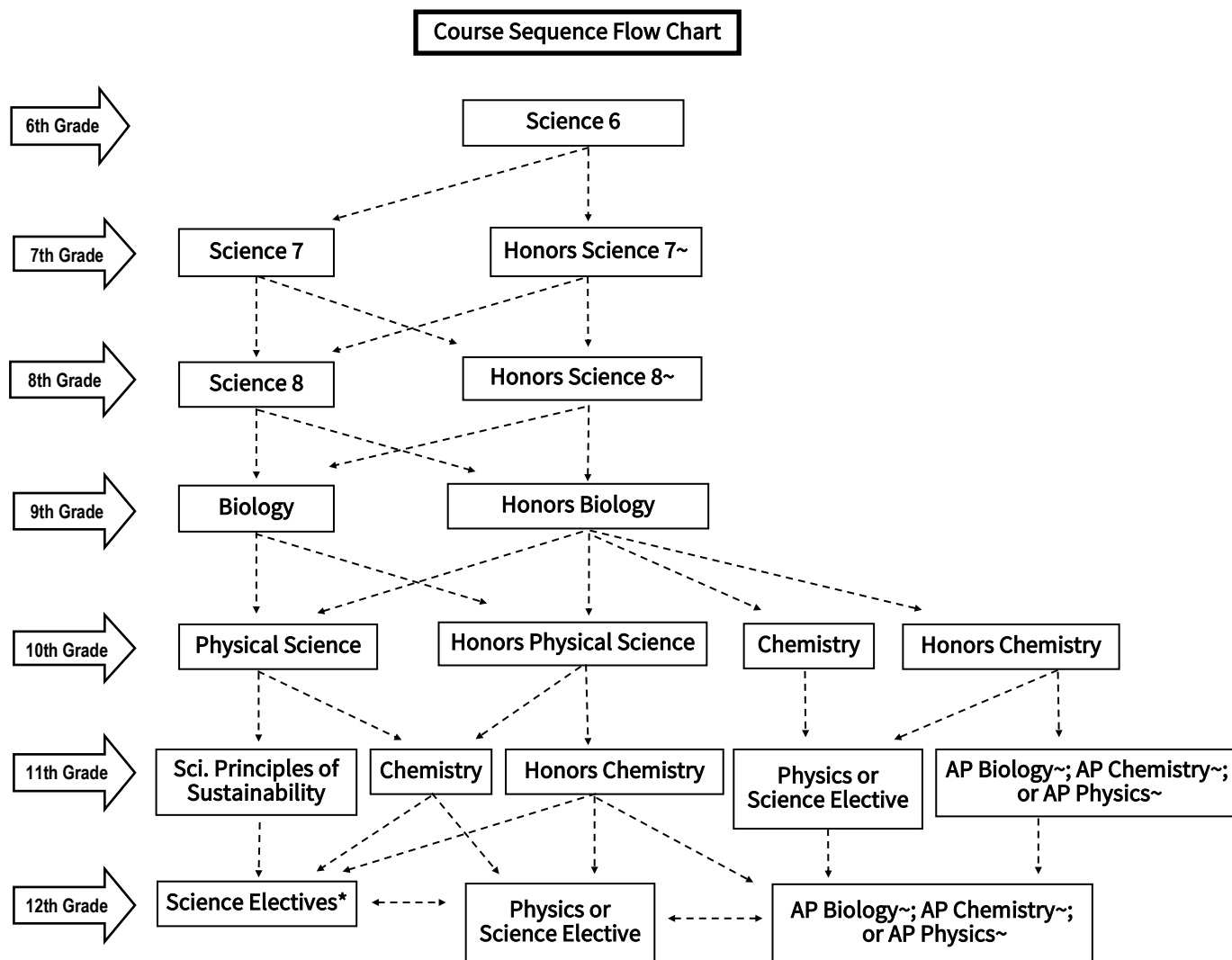
Advanced Placement Physics C: Mechanics

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.)*

Hilliard City School District Science Course Sequence Grade 6-12

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.



← - - - → This double arrow indicates that students may choose to take 2 sciences in the same academic year.

***Science Electives:** Freshwater & Marine Ecosystems; Astronomy; Intro to Forensic Science; Human Anatomy & Physiology; Micro Biology & Life Structures; Geology

~These courses are considered Gifted Services.

Social Studies Graduation Requirement (3 credits)

Students must earn credit in World Studies, U.S. History, U.S. Government OR
AP U.S. Government/Liberal Democracy in America

#600001 World Studies A
#600002 World Studies B



#600L01 A-SM1
#600L90 A-SM2
#600L91 B-SM1
#600L02 B-SM2



One Semester .5 Social Studies Credit

World Studies A and B
A student who enrolls in this course must enroll in World Studies 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.

Prerequisites: None

#600003



Two Semesters 1 Social Studies Credit

Honors World Studies

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.

Prerequisites: None

#600005 U.S. History A
#600006 U.S. History B



#600L05 A-SM1
#600L92 A-SM2
#600L93 B-SM1
#600L06 B-SM2



One Semester .5 Social Studies Credit

U.S. History A and B

A student who enrolls in this course must enroll in U.S. History 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.

Prerequisites: World Studies A and B

#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.

Prerequisites: None

#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.

Prerequisites: None**#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.

Prerequisites: None**#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 one's own life. Class discussion will be a major facet of this course.

Prerequisites: None**#600035 U.S. Government A****#600036 U.S. Government B****#600L35 A - SM1****#600L94 A - SM2****#600L95 B - SM1****#600L36 B - SM2**

One Semester .5 Social Studies Credit

U.S.**Government A & B****A student who enrolls in this course must enroll in U.S. Government A & 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

Prerequisites: U.S. History A and B or AP U.S. History and World Studies A and B**#600023****#600L50**

One Semester .5 Social Studies Credit

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.

Prerequisites: None

#60DE60



Two Semesters

1 Social Studies Credit

Political Science 200 - Liberal Democracy in America (KAP)

This is a dual enrollment class. This is our introductory course to the field of American politics. Classes are taught with lectures and discussions. The course begins with a study of the American founding and the political thought of the Founders, including readings from the Federalist Papers. We then study each of the major institutions of our political system: the presidency, bureaucracy, Congress, Supreme Court, political parties and elections, and other topics. This section of the course regularly employs current events to illuminate and challenge the analyses of institutions. The course concludes with a broad overview of the character of liberal democracy, through a reading of Tocqueville's *Democracy in America*. Students will receive high school and college credit upon adequate completion and an additional fee.

Prerequisites: Successful completion of AP U.S. History and Teacher Recommendation

#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!

Prerequisites: None

Advanced Placement

#600008



Two Semesters 1 Social Studies Credit

Advanced Placement 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 and B

#600050



Two Semesters 1 Social Studies Credit

Advanced Placement 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 2B

#600070



Two Semesters 1 Social Studies Credit

Advanced Placement 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.

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

Advanced Placement 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

****One of these course sequences/courses must be taken during the Junior year.**
~These courses are considered Gifted Services.

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 [A-4](#) 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.

Prerequisites: None

#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>.

Prerequisites: None

#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.

Prerequisites: None

#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.

Prerequisites: None

#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.

#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

(Online) 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.

Prerequisites: *None*

#450L06



One Semester .25 P.E. Credit

Physical Education 2

(Online) 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 (Online)*

#450025



One Semester .25 Elective Credit

BUD/S Building Unconditional Drive/Success.

This military-style course modeled after Navy Seal training is designed to provide students the opportunity to learn skills in the following areas: self-discipline, teamwork, perseverance, integrity, character, and leadership. This class is open to both male and female students, and they will work side by side to accomplish their goals. If you choose to enroll, you will find that you are capable of ten times what you thought you were capable of. Your sense of pride in your accomplishment will lead you to even more success, both in school, and in life.

Prerequisites: *None*

#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.

Prerequisites: *None*

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](#)

#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.

#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.

**#30RR10 English 9A
#30RR11 English 9B**

One Semester .50 English Credit

English 9 A & B

English 9 A & B is a rigorous class with specially designed instruction that will focus on the student's individual needs within reading comprehension, reading fluency, vocabulary, writing processes, conventions, grammar, and spelling. Students will use a multi-sensory approach to learning that has an intense focus on literacy acceleration through skills-based texts and activities.

**#30RR12 English 10A
#30RR13 English 10B**

One Semester .50 English Credit

English 10 A & B

English 10 A & B is a rigorous class with specially designed instruction that will focus on the student's individual needs within reading comprehension, reading fluency, vocabulary, writing processes, conventions, grammar, and spelling. Students will use a multi-sensory approach to learning that has an intense focus on literacy acceleration through skills-based texts and activities.

**#30RR14 English 11A
#30RR15 English 11B**

One Semester .50 English Credit

English 11 A & B

English 11 A & B is a rigorous class with specially designed instruction that will focus on the student's individual needs within reading comprehension, reading fluency, vocabulary, writing processes, conventions, grammar, and spelling. Students will use a multi-sensory approach to learning that has an intense focus on literacy acceleration through skills-based texts and activities.

**#30RR16 English 12A
#30RR17 English 12B**

One Semester .50 English Credit

English 12 A & B

English 12 A & B is a rigorous class with specially designed instruction that will focus on the student's individual needs within reading comprehension, reading fluency, vocabulary, writing processes, conventions, grammar, and spelling. Students will use a multi-sensory approach to learning that has an intense focus on literacy acceleration through skills-based texts and activities.

**#50RR01 Pre-Algebra Concepts A
#50RR05 Pre-Algebra Concepts B**

One Semester .50 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.

**#50RR02 Algebra 1 Concepts A
#50RR06 Algebra 1 Concepts B**

One Semester .50 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.

#50RR03 Geometry Concepts A

#50RR07 Geometry Concepts B

One Semester .50 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.

#50RR04 Algebra 2 Concepts A

#50RR08 Algebra 2 Concepts B

One Semester .50 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.

#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

#85RR03

One Semester .50 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

#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.

Note: This program can be used to fulfill the Capstone graduation requirement. Additional work will be required above and beyond students not using the course as a Capstone experience. Course must be taken during the Senior year to count as a Capstone.

Students may repeat this course as needed

Enrollment in all Intervention Courses Requires Permission.

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

COURSE TITLE*	CODE	CREDIT	COURSE TITLE*	CODE	CREDIT
Future Ready	15MD01	.50	Scientific Principles		
English 9A	30MD01	.50	of Sustainability	55RR25	1.00
English 10A	30MD05	.50	World Studies A	60RR01	.50
English 11A	30MD45	.50	World Studies B	60RR02	.50
English 12A	30MD75	.50	U.S. History A	60RR05	.50
English 9B	30MD02	.50	U.S. History B	60RR06	.50
English 10B	30MD06	.50	U.S. Government A	60RR35	.50
English 11B	30MD46	.50	U.S. Government B	60RR36	.50
English 12B	30MD76	.50	Supported Studies 1	85RR01	.25
Life Skills 1	35MD01	1.00	Supported Studies 2	85RR02	.25
Life Skills 2	35MD02	1.00	Decisions	85RR03	.50
Life Skills 3	35MD03	1.00	Career & Employability		
Life Skills 4	35MD04	1.00	Development 1A	85WS05	.50-2.0
Careers & Money			Career & Employability		
Management	35MD05	.50	Development 1B	85WS06	.50-2.0
Health	45MD10	.50	Career & Employability		
Pre-Algebra Concepts A	50MD01	.50	Development 2A	85WS07	1.0-2.0
Algebra 1 Concepts A	50MD02	.50	Career & Employability		
Geometry Concepts A	50MD03	.50	Development 2B	85WS08	1.0-2.0
Algebra 2 Concepts A	50MD04	.50	Future Ready	15CT01	.50
Pre-Algebra Concepts B	50MD05	.50	English 9A	30CT03	.50
Algebra 1 Concepts B	50MD06	.50	English 9B	30CT04	.50
Geometry Concepts B	50MD07	.50	English 10A	30CT08	.50
Algebra 2 Concepts B	50MD08	.50	English 10B	30CT09	.50
Physical Science	55MD01	.50	English 11A	30CT46	.50
Biology	55MD05	.50	English 11B	30CT47	.50
Scientific Principles			English 12A	30CT75	.50
of Sustainability	55MD25	1.00	English 12B	30CT76	.50
Consumer Science	55MD40	1.00	Health 10	45CT10	.50
World Studies	60MD01	1.00	Algebra 1A	50CT02	.50
U.S. History	60MD05	1.00	Algebra 1B	50CT03	.50
Government	60MD35	1.00	Algebra 1 w/Workshop A	50CT12	.50
Career Social Studies	60MD65	1.00	Algebra 1 w/Workshop B	50CT13	.50
Future Ready	15RR01	.50	Geometry A	50CT21	.50
English 9A	30RR10	.50	Geometry B	50CT22	.50
English 9B	30RR11	.50	Geometry Workshop A	50CT23	.50
English 10A	30RR12	.50	Geometry Workshop B	50CT24	.50
English 10B	30RR13	.50	Algebra 2A	50CT32	.50
English 11A	30RR14	.50	Algebra 2B	50CT33	.50
English 11B	30RR15	.50	Physical Science A	55CT01	.50
English 12A	30RR16	.50	Physical Science B	55CT02	.50
English 12B	30RR17	.50	Biology A	55CT16	.50
Adaptive P.E.	45RR01	.25	Biology B	55CT17	.50
Health	45RR10	.50	Scientific Principles of		
Pre-Algebra Concepts A	50RR01	.50	Sustainability A	55CT23	.50
Pre-Algebra Concepts B	50RR05	.50	Scientific Principles of		
Algebra 1 Concepts A	50RR02	.50	Sustainability B	55CT24	.50
Algebra 1 Concepts B	50RR06	.50	World Studies A	60CT01	.50
Geometry Concepts A	50RR03	.50	World Studies B	60CT02	.50
Geometry Concepts B	50RR07	.50	U.S. History A	60CT05	.50
Algebra 2 Concepts A	50RR04	.50	U.S. History B	60CT06	.50
Algebra 2 Concepts B	50RR08	.50	U.S. Government A	60CT35	.50
Physical Science A	55RR01	.50	U.S. Government B	60CT36	.50
Physical Science B	55RR02	.50			
Biology A	55RR05	.50			
Biology B	55RR06	.50			

* See specific content areas for course descriptions unless noted below.



Pre-Apprenticeship 12 PT Credential



Are you interested in a career in manufacturing? Consider our Worthington Workforce Experience program. It's an 18-week **paid** pre-apprenticeship high school program offered in collaboration with Worthington Industries, designed to give interested seniors the opportunity to discover career in the manufacturing industry. Students spend time working on the production floor as well as gaining 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. Many students who complete the program are offered full time employment with Worthington.

Cathy Lyttle, Senior Vice President & Chief Human Resources Officer for Worthington Industries said, "The Worthington Workforce Experience is designed to give students an opportunity to learn first-hand the skills necessary to work in a manufacturing environment with the potential at the end of the experience to join our team"



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.



Pre-Apprenticeship 12 PT Credential



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.



ECO Plumbers 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 **paid** 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.



**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.



#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 - Intro to Aviation**2nd semester - Aviation Uncrewed Aircraft Systems***Year Two:***1st semester - Airport Management**2nd Semester - Aviation Meteorology*

This is a double block course.

#200048 - YEAR 1**#200058 - YEAR 2**

Two Semesters 1 - 2.5 credits

Cyber Academy

Students interested in Information Security or Network and Cloud Technologies have the opportunity to earn high school credit and the following industry-recognized credentials: CompTia IT Fundamentals+, CCNA (Cisco Certified Network Associate), LPIC Linux Essentials, the LPIC-1 or Comp TIA Linux+ credentials, through this academy. Learning consists of online modules, class discussions, and hands-on application of knowledge in our labs. The Academy is open to students from all three high schools through an application process. Students who participate will travel to the Emerald Campus in Dublin.

Click [here](#) for more information

We are continuing to add to our Industry Recognized Credentialing Programs.

Please continue to check the online version of the Program of Studies for these programs.



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.

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.



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 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:

11th grade students must have earned a minimum of eight (8) high school credits (including six (6) core course requirements in English, Math (Algebra 1), Science, and Social Studies).

12th grade students must have earned ten (10) high school credits with eight (8) core courses, which includes Algebra 1.

10th grade students must have earned a minimum of six (6) high school credits with four (4) core courses, which includes Algebra 1.

It is strongly suggested that students satisfy their Health and Physical Education credits prior to attending Tolles. Additional prerequisites may be required depending on the program.

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.

[Tolles Credential information](#)

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

If you have a love for animals, then this might be the profession for you. Use your nurturing spirit to handle, manage, groom and care for little creatures while becoming equally proficient in the office environment catering to their needs.

Outdoor Careers

Students prepare for various careers in the natural resources industry, landscaping and grounds keeping, agriculture, as an environmental engineer, urban forestry, and more. Students who enjoy science and learning outdoors, and who wish to explore a future pathway in the fields of agriculture, natural resources, parks and recreation and other outdoor careers should consider this program.

Art & Communication Pathway

Art, Design & Communications

An eye for color, art and layout will help you design the future as you work your way through illustration and computerized methods to produce a vibrant 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 Technology Pathway

Construction Technology

Students will be introduced to the many aspects of construction technology. Students will gain skills in carpentry, tools, safety, structural systems, blueprint reading, HVAC, plumbing, electrical, and equipment related to the industry. After students complete the program they can enter the workforce, continue their education through apprentice programs or pursue a degree in Construction Management.

Education & Training Pathway

Early Childhood Education

Students with a heart and mind for children and learning are perfect for this program. Study child nutrition, curriculum, center operation, and many other building blocks to success. At Tolles, you'll get real-world experience in our state-licensed learning center and preschool that will prepare you for a career as a licensed childcare provider or nanny, preschool teacher or teaching assistant, and more

To Schedule Tolles courses, please use the appropriate course code number:

#980001 Tolles (Full day)

#980002 Tolles (AM)

#980003 Tolles (PM)

Health Sciences Pathway

Pharmacy Technician

Are you fascinated by modern medicine? Do you like to help people? Come get a healthy dose of what pharmacy is all about. Study medical terminology, safety practices, calculating and dispensing. This might be the exact prescription for you!

Pre-Nursing

If caring for and assisting others is in your nature, then foster your future with us. Be trained in diseases and disorders, medical terminology and patient care skills. Become a vital part of the healthcare field.

Pre-Veterinary Technician

Channel your fondness for animals into a lucrative career. Join us for training in preventative animal care and lab animal medicine then embrace your days tending to some fun creatures!

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."

Hospitality Services Pathway

Culinary Arts

Already know your way around a kitchen and want to become a cuisine expert? Craft your skills with us. From nutrition and menus to baking and food preparation, we've got all the right elements to help you cook up a new experience.

Human Services Pathway

Cosmetology

If you're a creative individual and looking for a flexible and reliable career, Tolles has the right program for you. 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'll learn how to cut, perm, relax, color, bleach and highlight all types of hair, how to complete manicures, pedicures, facials, and more.

Information Technology Pathway

Computer Network & Support Technology

Are you hard-wired with an insight for technology? Want to be equipped when it comes to hardware and software challenges? Then let us show you how to configure an exciting future supporting the latest business operating systems.

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

Ready to investigate a new career path? We've got all the evidence you need to make a conclusive decision. Study patrol procedures, crime scene investigation, self defense and security training as part of this extensive program.

Firefighting/Emergency Medical Service

Want to be first on the scene to help others? Then jump on board and receive concentrated instruction in fire equipment operation, search and rescue, and emergency care. We've got the gear to dispatch you into an exhilarating career.

Manufacturing & Engineering Pathway

Engineering Technologies

Students prepare for careers in engineering, robotics, as an engineering technician or in the high-demand areas of advanced manufacturing. Students can prepare for college or have the chance to earn technical and industry certification to prepare them for higher wages following high school. Tolles is an official Robotics and Advanced Manufacturing Technology Education Collaborative (RAMTEC) Center, a \$15 million statewide initiative that encompasses nine career-technical schools in Ohio. Tolles' Engineering & Manufacturing lab received a \$1.5 million revamp that positions it amongst the best robotics and advanced manufacturing labs in the region.

Welding & Fabrication Technologies

Flash forward to opportunity. Gain the skill and knowledge to secure the best industry jobs. Learn to read blueprints, SMAW, GMAW, GTAW and many other welding & fabrication technologies.

Transportation Systems Pathway

Automotive Technologies

Identify with engines and like to make systems run smoothly? Here's the key to your future. Troubleshoot and computer analyze; then learn to diagnose and repair everything from electrical units to brakes and steering systems.

Automotive Collision Repair

Get a comprehensive education that is custom made for you. Acquire skills such as frame repair, welding and refinishing techniques, estimating and detailing —everything you will need to make vehicles look their best.

Power, Sports & Auto Services

Students prepare for careers as a mechanic or in sales working with outdoor power equipment, lawn and garden equipment, agricultural equipment or power sports equipment. While in this lab, students diagnose, repair, and maintain engines, power transmissions, diesel motors, and more. They also have opportunities to learn from experts in the industry and develop welding skills and work with ATV's, motorcycles, and more. Students will have the opportunity to learn in a state-of-the-art lab working with industry-specific equipment and on real world projects.

To Schedule Tolles courses, please use the appropriate course code number:

#980001 Tolles (Full day)

#980002 Tolles (AM)

#980003 Tolles (PM)

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

21.5 credits:

English	4 Credits
Health	1/2 Credit
Social Studies	2 Credits
P.E. ***	1/2 Credit
U.S. History	1/2 Credit
Future Ready	1/2 Credit
U.S. Govt.	1/2 Credit
Science *	3 Credits
Electives**	5 Credits
Math	4 Credits
Capstone****	1/2 Credit
Financial Literacy	1/2 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 (see page [A-10](#)). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.5 credits).

****The Capstone graduation requirement will be fulfilled in cooperation with the students respective building capstone coach.

Students who attend Tolles and return to their home school shall complete the prescribed requirements for graduation as indicated on page [A-1](#) and [A-2](#).

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 10th.
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.

Code	Course Title	Credit	Code	Course Title	Credit
<u>ART</u>					
100001	Drawing 1	.50	300046	English 11A	.50
100002	Drawing 2	.50	300047	English 11B	.50
100003	Drawing 3	1.00	300055	Speech, Debate & Public Discourse	.50
100005	Ceramics 1	.50	300060	Yearbook Production	1.00
100006	Ceramics 2	1.00	300065	Leadership Development	.50
100007	Ceramics 3	1.00	300075	English 12A	.50
100008	Ceramics 4	1.00	300076	English 12B	.50
100010	Art Appreciation 1	.50	30DE11	ENG 103 Intro to Lit & Lang	1.00
100011	Art Appreciation 2	.50	30DE12	ENG 104 Intro to Lit & Lang	1.00
100020	Sculpture 1	.50	<u>ENGLISH LEARNERS (EL)</u>		
100021	Sculpture 2	.50	30EL02	EL-English 2A	.50
100025	Painting 1	.50	30EL17	EL-English 2B	.50
100026	Painting 2	.50	30EL03	EL-English 4A	.50
100027	Painting 3	1.00	30EL24	EL-English 4B	.50
100030	Photography 1	.50	30EL14	EL-English 1A	.50
100031	Photography 2	1.00	30EL15	EL-English 1B	.50
100032	Photography 3	1.00	30EL40	EL-English 3 1A	1.00
100035	Media Arts 1	.50	30EL22	EL-English 3 1B	1.00
100036	Media Arts 2	1.00	30EL44	EL-English 3 2A	1.00
100040	Art Portfolio	1.00	30EL23	EL-English 3 2B	1.00
100049	AP 2-D Art and Design	1.00	50EL01	Algebra Foundations	1.00
100051	Animation & Motion Graphics	1.00	55EL01	EL- Science	1.00
100053	Animation & Motion Graphics 2.0	1.00	60EL01	EL- Social Studies	1.00
100055	BE ² TA 2.0	1.00	85EL01	Supported Studies	.00
<u>BUSINESS</u>			15SH01	Future Ready	.50
150001	Future Ready	.50	45SH10	Health	.50
150002	Business Explorations	.50	50SH02	Algebra 1A	.50
150003	Entrepreneurship	.50	50SH03	Algebra 1B	.50
150004	AP Microeconomics	.50	50SH32	Algebra 2A	.50
150005	Accounting 1	.50	50SH33	Algebra 2B	.50
150006	Accounting 2	.50	55SH01	Physical Science A	.50
150007	AP Macroeconomics	.50	55SH02	Physical Science B	.50
150030	Marketing	.50	55SH05	Biology A	.50
150035	Personal Finance	.50	55SH06	Biology B	.50
150045	College Fundamentals	.50	60SH01	World Studies A	.50
150050	Sports & Entertainment Mgmt.	.50	60SH02	World Studies B	.50
980035	Aviation Academy	3.00	60SH05	U.S. History A	.50
980040	Business Academy- Year 1	2.00-4.00	60SH06	U.S. History B	.50
980041	Business Academy- Year 2	2.00-4.00	60SH35	U.S. Government A	.50
			60SH36	U.S. Government B	.50
<u>Computer Science</u>			<u>FAMILY & CONSUMER SCIENCES</u>		
200012	AP Computer Science Principles	1.00	350001	Careers and Money Management	.50
200021	Game Design & App. Development	1.00	350002	Aspiring EDU	.50
200025	AP Computer Science A	1.00	350015	Culinary Cuisine	.50
200048	Cyber Academy Year 1	1.50	350020	Global Gourmet	.50
200058	Cyber Academy Year 2	1 - 1.50	350025	Financial Independence	.50
<u>ENGLISH – LANGUAGE ARTS</u>			350045	Career Mentorship 1	1.00
300002	Honors English 9	1.00	350046	Career Mentorship 2	1.00
300003	English 9A	.50	<u>WORLD LANGUAGE</u>		
300004	English 9B	.50	400003	French 3	1.00
300006	Honors English 10	1.00	400004	AP French 4	1.00
300008	English 10A	.50	400005	French 5	1.00
300009	English 10B	.50	400006	French 1A	.50
300010	AP English Language & Composition	1.00	400007	French 1B	.50
300011	AP English Literature & Composition	1.00	400008	French 2A	.50
300022	Academy Vibe: Film & Video Component	1.00	400009	French 2B	.50
300023	Academy Vibe 2: Film & Video Component	1.00	400011	German 1	1.00
300034	Journalism & Broadcast Media Production	1.00	400012	German 2	1.00
			400013	German 3	1.00

Code	Course Title	Credit	Code	Course Title	Credit
<u>World Language (continued)</u>			650029	Honors Choir 400	1.00
400014	AP German 4	1.00	650031	Chamber Ensemble	1.00
400023	Spanish 3	1.00	650032	Academy VIBE: Music & Audio Component	1.00
400024	AP Spanish 4	1.00	650033	Academy VIBE 2: Music & Audio Component	1.00
400025	Spanish 5	1.00	650035	Concert Orchestra	1.00
400026	Spanish 1A	.50	650036	Symphony Orchestra	1.00
400027	Spanish 1B	.50	650037	Chamber Orchestra	1.00
400028	Spanish 2A	.50	650038	Honors Chamber Orchestra	1.00
400029	Spanish 2B	.50	650040	Jazz Ensemble	1.00
400030	Chinese 1A	.50	650045	Music Theory 1	1.00
400036	Chinese 1B	.50	650046	Music Theory 2	1.00
400042	Chinese 2A	.50	650050	Music History 1	1.00
400043	Chinese 2B	.50	650051	Music History 2	1.00
400033	Chinese 3	1.00	650055	Color Guard	.25
400034	Chinese 4	1.00	<u>PRE-ENGINEERING PROGRAM</u>		
400035	Chinese 5	1.00	210001	Introduction to Engineering Design	1.00
400040	American Sign Language 1A	.50	210002	Principles of Engineering	1.00
400041	American Sign Language 1B	.50	210003	Digital Electronics	1.00
400046	American Sign Language 2A	.50	210004	Engineering Design & Development	1.00
400047	American Sign Language 2B	.50	210011	Intro. to Engineering Design Women in Engr.	1.00
400039	American Sign Language 3	1.00	<u>SCIENCE</u>		
400044	Spanish for Spanish Speakers 1A	.50	550001	Physical Science A	.50
400045	Spanish for Spanish Speakers 1B	.50	550002	Physical Science B	.50
<u>MATHEMATICS</u>			550003	Honors Physical Science	1.00
500002	Algebra 1A	.50	550008	AP Biology	1.50
500003	Algebra 1B	.50	550010	Human Anatomy & Physiology 1	.50
500012	Algebra 1 w/Workshop A	1.00	550011	Human Anatomy & Physiology 2	.50
500013	Algebra 1 w/Workshop B	1.00	550016	Biology A	.50
500021	Geometry A	.50	550017	Biology B	.50
500022	Geometry B	.50	550018	Honors Biology	1.00
500023	Geometry w/Workshop A	.50	550020	Astronomy	.50
500024	Geometry w/Workshop B	.50	550021	Geology	.50
500030	Honors Algebra 2	1.00	550023	Scientific Principles of Sustainability A	.50
500032	Algebra 2A	.50	550024	Scientific Principles of Sustainability B	.50
500033	Algebra 2B	.50	550026	Chemistry	1.00
500034	Honors Geometry	1.00	550027	Honors Chemistry	1.00
500036	Algebra 3A	.50	550028	AP Chemistry	1.50
500037	Algebra 3B	.50	550030	Physics	1.00
500040	PreCalculus	1.00	550031	AP Physics C: Mechanics, Electricity & Magnetism	1.50
500041	Data Science Foundations A	.50	550035	Introduction to Forensic Science	.50
500042	Data Science Foundations B	.50	550040	Freshwater and Marine Ecosystems	.50
500045	Statistics	1.00	550045	Microbiology & Life Structures	.50
500046	AP Statistics	1.00	<u>SOCIAL STUDIES</u>		
500050	Calculus	1.00	600001	World Studies A	.50
500055	AP Calculus AB	1.00	600002	World Studies B	.50
500056	AP Calculus BC	1.00	600003	Honors World Studies	1.00
980065	Algebra 2A/2B and Business	1.50	600005	U.S. History A	.50
<u>PERFORMING ARTS</u>			600006	U.S. History B	.50
650004	Introduction to Theatre	.50	600008	AP U.S. History	1.00
650005	Theatrical Design & Production	.50	600012	Community Action Planning	.50
650007	Theatrical Performance	.50	600013	Post World War 2 America	.50
650009	Production & Performance	.50	600014	Contemporary World Issues	.50
650015	Concert Band	1.00	600015	Sociology	.50
650016	Symphonic Band	1.00	600020	Social Psychology	.50
650017	Wind Ensemble	1.00	600023	American History Through Film	.50
650018	Honors Wind Ensemble	1.00	600035	U.S. Government A	.50
650020	Percussion Ensemble	.50	600036	U.S. Government B	.50
650025	Concert Choir - Soprano	1.00	600050	AP U.S. Government	1.00
650026	Concert Choir - Tenor	1.00	600055	AP European History	1.00
650027	Choir 300	1.00	600070	AP Psychology	1.00
650028	Choir 400	1.00	60DE60	Pol. Science 200 –Liberal Democracy	1.00

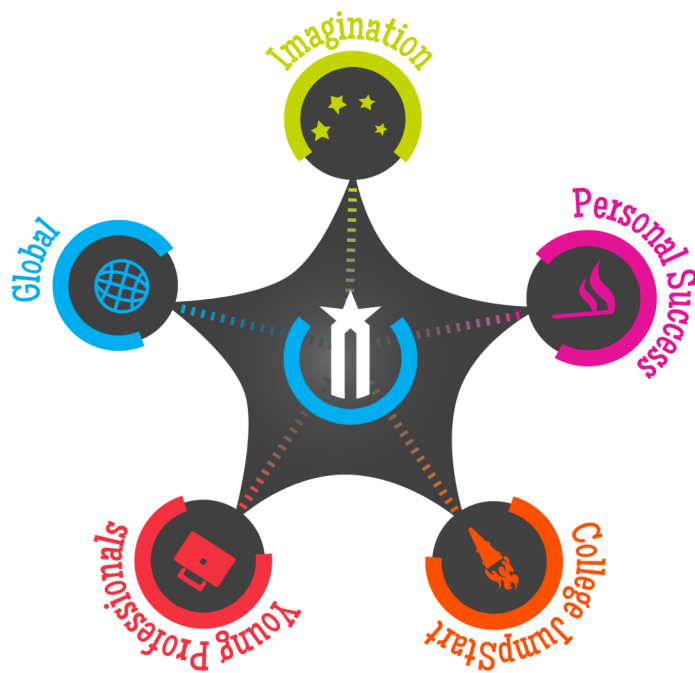
Code	Course Title	Credit	Code	Course Title	Credit
<u>WELLNESS</u>			60CT01	World Studies A	.50
450010	Health 10	.50	60CT02	World Studies B	.50
450015	Sports Medicine 1	.50	60CT05	U.S. History A	.50
450016	Sports Medicine 2	.50	60CT06	U.S. History B	.50
450021	Sports and Fitness	.25	60CT35	U.S. Government A	.50
450022	Aerobics, Body Sculpting, and Fitness	.25	60CT36	U.S. Government B	.50
450023	Basic Strength Training and Fitness	.25	15MD01	Future Ready	.50
450025	BUD/S	.25	30MD01	English 9A	.50
450026	Strength Training and Conditioning for HS Female Athletes	.25	30MD05	English 10A	.50
450040	Strength Training and Conditioning for HS Athletes I	.25	30MD45	English 11A	.50
450041	Strength Training and Conditioning for HS Athletes II	.25	30MD75	English 12A	.50
<u>INNOVATION CAMPUS</u>			30MD02	English 9B	.50
100051	Animation & Motion Graphics	1.00	30MD06	English 10B	.50
100053	Animation & Motion Graphics 2	1.00	30MD46	English 11B	.50
100055	BE ² TA 2.0	1.0	30MD76	English 12B	.50
350045	Career Mentorship 1	1.00	35MD01	Life Skills 1	1.00
350046	Career Mentorship 2	1.00	35MD02	Life Skills 2	1.00
400011	German 1	1.00	35MD03	Life Skills 3	1.00
400012	German 2	1.00	35MD04	Life Skills 4	1.00
400013	German 3	1.00	35MD05	Careers & Money Management	.50
400014	AP German 4	1.00	45MD10	Health	.50
980040	Business Academy- Year 1	2.00-4.00	50MD01	Pre-Algebra Concepts A	.50
980041	Business Academy- Year 2	2.00-4.00	50MD02	Algebra 1 Concepts A	.50
980050	Academy EDU - Year 1	2.00-4.00	50MD03	Geometry Concepts A	.50
980051	Academy EDU - Year 2	2.00-4.00	50MD04	Algebra 2 Concepts A	.50
980070	Academy VIBE: Music & Audio Component	2.00	50MD05	Pre-Algebra Concepts B	.50
980075	Health Professionals Academy Year 1	2.00-4.00	50MD06	Algebra 1 Concepts B	.50
980076	Health Professionals Academy Year 2	2.00-4.00	50MD07	Geometry Concepts B	.50
980080	Academy VIBE 2: Music & Audio Component	2.00	50MD08	Algebra 2 Concepts B	.50
980090	College Jumpstart Network Year 1	Varies	55MD01	Physical Science	1.00
980091	College Jumpstart Network Year 2	Varies	55MD05	Biology	1.00
<u>INTERVENTION</u>			55MD25	Scientific Principles of Sustainability	1.00
15CT01	Future Ready	.50	55MD40	Consumer Science	1.00
30CT03	English 9A	.50	60MD01	World Studies	1.00
30CT04	English 9B	.50	60MD05	U.S. History	1.00
30CT08	English 10A	.50	60MD35	Government	1.00
30CT09	English 10B	.50	60MD65	Social Studies	1.00
30CT46	English 11A	.50	15RR01	Future Ready	.50
30CT47	English 11B	.50	30RR10	English 9A	.50
30CT75	English 12A	.50	30RR11	English 9B	.50
30CT76	English 12B	.50	30RR12	English 10A	.50
45CT10	Health 10	.50	30RR13	English 10B	.50
50CT02	Algebra 1A	.50	30RR14	English 11A	.50
50CT03	Algebra 1B	.50	30RR15	English 11B	.50
50CT12	Algebra 1 w/Workshop A	1.00	30RR16	English 12A	.50
50CT13	Algebra 1 w/Workshop B	1.00	30RR17	English 12B	.50
50CT32	Algebra 2A	.50	45RR01	Adaptive Physical Education	.25
50CT33	Algebra 2B	.50	45RR10	Health	.50
55CT01	Physical Science A	.50	50RR01	Pre-Algebra Concepts A	.50
55CT02	Physical Science B	.50	50RR05	Pre-Algebra Concepts B	.50
55CT16	Biology A	.50	50RR02	Algebra 1 Concepts A	.50
55CT17	Biology B	.50	50RR06	Algebra 1 Concepts B	.50
55CT23	Scientific Principles of Sustainability A	1.00	50RR03	Geometry Concepts A	.50
55CT24	Scientific Principles of Sustainability B	1.00	50RR07	Geometry Concepts B	.50
			50RR04	Algebra 2 Concepts A	.50
			50RR08	Algebra 2 Concepts B	.50
			55RR01	Physical Science A	.50
			55RR02	Physical Science B	.50
			55RR05	Biology A	.50
			55RR06	Biology B	.50
			55RR25	Scientific Principles of Sustainability	1.00

Code	Course Title	Credit	Code	Course Title	Credit
60RR01	World Studies A	.50	55OL91	Biology B SM1	.50
60RR02	World Studies B	.50	55OL09	Biology B SM2	.50
60RR05	U.S. History A	.50	55OL23	Scientific Principles of Sustainability A SM1	.50
60RR06	U.S. History B	.50	55OL92	Scientific Principles of Sustainability A SM2	.50
60RR35	U.S. Government A	.50	55OL93	Scientific Principles of Sustainability B SM1	.50
60RR36	U.S. Government B	.50	55OL24	Scientific Principles of Sustainability B SM2	.50
85RR01	Supported Studies 1	.25	55OL40	Freshwater & Marine Ecosystems	.50
85RR02	Supported Studies 2	.25	55OL51	Physical Science A SM1	.50
85RR03	Decisions	.50	55OL96	Physical Science A SM2	.50
85WS05	Career & Employability Development 1A	.50-2.00	55OL97	Physical Science B SM1	.50
85WS06	Career & Employability Development 1B	.50-2.00	55OL52	Physical Science B SM2	.50
85WS07	Career & Employability Development 2A	1.00-2.00	60OL01	World Studies A SM1	.50
85WS08	Career & Employability Development 2B	1.00-2.00	60OL90	World Studies A SM2	.50
ONLINE			60OL91	World Studies B SM1	.50
10OL40	2D Visual Art - Photo/Digital	.50	60OL02	World Studies B SM2	.50
10OL45	2D Visual Art - Drawing/Painting	.50	60OL05	U.S. History A SM1	.50
15OL02	College Fundamentals	.50	60OL92	U.S. History A SM2	.50
15OL36	Personal Finance	.50	60OL93	U.S. History B SM1	.50
30OL01	English 9A SM1	.50	60OL06	U.S. History B SM2	.50
30OL90	English 9A SM2	.50	60OL35	U.S. Government A SM1	.50
30OL91	English 9B SM1	.50	60OL94	U.S. Government A SM2	.50
30OL03	English 9B SM2	.50	60OL95	U.S. Government B SM1	.50
30OL02	Media Awareness	.50	60OL36	U.S. Government B SM2	.50
30OL05	English 10A SM1	.50	60OL50	American History Through Film	.50
30OL92	English 10A SM2	.50			
30OL93	English 10B SM1	.50			
30OL06	English 10B SM2	.50			
30OL45	English 11A SM1	.50			
30OL94	English 11A SM2	.50			
30OL95	English 11B SM1	.50			
30OL46	English 11B SM2	.50			
30OL55	Speech, Debate & Public Discourse	.50			
30OL65	Leadership Development	.50			
30OL75	English 12A SM1	.50			
30OL96	English 12A SM2	.50			
30OL97	English 12B SM1	.50			
30OL76	English 12B SM2	.50			
45OL05	Physical Education 1	.50			
45OL06	Physical Education 2	.50			
45OL10	Health 10	.50			
50OL11	Algebra 1A SM1	.50			
50OL88	Algebra 1A SM2	.50			
50OL89	Algebra 1B SM1	.50			
50OL12	Algebra 1B SM2	.50			
50OL21	Geometry A SM1	.50			
50OL94	Geometry A SM2	.50			
50OL95	Geometry B SM1	.50			
50OL22	Geometry B SM2	.50			
50OL31	Algebra 2A SM1	.50			
50OL96	Algebra 2A SM2	.50			
50OL97	Algebra 2B SM1	.50			
50OL32	Algebra 2B SM2	.50			
50OL41	Algebra 3A SM1	.50			
50OL98	Algebra 3A SM2	.50			
50OL99	Algebra 3B SM1	.50			
50OL42	Algebra 3B SM2	.50			
55OL15	Environmental Science	.50			
55OL08	Biology A SM1	.50			
55OL90	Biology A SM2	.50			



INNOVATION CAMPUS

HILLIARD CITY SCHOOLS



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



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 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.



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.

#980070

ACADEMY VIBE

2 Elective Credits

This one of a kind of class offers training on state of the art music, video/TV/film, and audio creation/production equipment and technology. Write and record music in a real studio. Shoot video with 4K cameras and drones. Edit music and video on the software that the pros use. Taught by industry professionals with more than 40 years of combined experience, come 'catch the vibe' at Academy VIBE. Only at the Innovation Campus! **Registering for Academy Vibe does not guarantee your participation. Application instructions will be provided once your register.**

Academy VIBE: Music & Audio Component

#650032 Two Semesters 1 Fine Arts Credit

Students will experience the fundamentals of performing and working in today's music industry. Students will experience individual and small group coaching: compose, record, produce, and perform original music. Students will also learn the basics of sound engineering and music technology. Students participating in Academy VIBE gain exclusive access to record at the professional recording studio located in the Innovation Campus.

Academy VIBE: Film & Video Component

#300022 Two Semesters 1 Elective Credit

Students will learn the basics of the Video, TV, and Film Production industry. Students will develop skills in concept development, script writing, camera operation, lighting, sound, and video editing, through the use of industry standard cameras, drones, and edit and graphic design software. They will create original music videos, public service announcements and commercials with the potential to be paid for their efforts.

#980080

ACADEMY VIBE 2

2 Elective Credits

Academy VIBE 2 (AV2) is the second level class in our music recording/video production pathway. Students that successfully complete Academy VIBE can enroll in AV2 and continue to focus on sound recording/engineering, original composition, and band or solo performances. Students will also work individually and collaboratively on video production projects that align with their passions and interests. **Instructor permission required.**

Academy VIBE 2: Music & Audio Component

#650033 Two Semesters 1 Fine Arts Credit



As a follow up to Academy VIBE, students will create individually and in small groups, cover songs, compose and perform their own original music, and produce professional level recordings. Registering for this class means that you successfully completed Academy VIBE or attained teacher approval from the instructors at the Innovation Campus. Students participating in Academy VIBE 2 will have exclusive access to record at the professional recording studio located in the Innovation Campus.

Academy VIBE 2: Film & Video Component

#300023 Two Semesters 1 Elective Credit

As a follow up to Academy VIBE, students will expand their knowledge of the introductory level version of this component. Students will continue to collaborate to create original films, videos and tv productions using professional production equipment, computers, cameras, lights, and drones. This course will continue to promote student voice and choice that encourages interscholastic projects between students and other departments within the Innovation Campus, school district, and Hilliard community at large. Past students have had the opportunity to take on paid internships while in this class.



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#100051	One Semester	Animation & Motion Graphics	1 Fine Art Credit
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This class provides an outlet for original imagery and self-actualization through the use of animation, video, and motion graphics. The visual artists will conceive, animate, and execute short-form 2D and 3D motion graphic content. It will focus on fiction, non-fiction, and experimental moving picture work. This is a double block course. **Enrollment is limited.**

#100053	One Semester	Animation & Motion Graphics 2.0	1 Fine Art Credit
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This course builds on the tools and techniques learned in Motion Graphics and Animation. Emphasis will be on traditional animation, expertise in compositing, and storytelling in live action, and creating an original voice and vision with moving pictures. Secondary emphasis will be on mastery of software (After Effects, Animate, and Premiere). Students will be expected to participate regional and national moving picture competitions. This is a double block course. **Enrollment is limited.**

Prerequisite: *Animation & Motion Graphics*

#100055	One Semester		1 Fine Arts Credit
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BE²TA 2.0—Business, Entrepreneurship, Engineering, Technology and Art

This is an intermediate to advanced level course with an emphasis on digging deeper within a hands-on innovative learning laboratory. Students will have access to real world design software and application as it applies to modern manufacturing technologies such as a laser engraver, 3D printer, vinyl cutter, and CNC router to produce goods for commerce. Students will be expected to use the Design Thinking process to empathize and solve real world problems. This course will reinforce business foundations, entrepreneurialism, engineering & art applications. Students participating in BE²TA 2.0 will be responsible for researching a real world problem and creating a teacher-guided studio solution connected to the research & producing a prototype to support it. This is a double block course. **Enrollment is limited.**

Prerequisite: *BE²TA or Media Arts 1*



Global Network -This network prepares learners for lives 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 a global community.

#400011

One Semester 1 Elective Credit

German 1

Students begin their introduction to German by focusing on the five key areas of language study: listening, speaking, reading, writing and culture. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar. There is an emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take formal and non-formal assessments to monitor language growth. **Only available at the Innovation Campus as a double block course. Enrollment is limited.**

Prerequisites: None

#400012

One Semester 1 Elective Credit

German 2

The second level of German will expand the students' grammatical knowledge, their vocabulary and the breadth of topics they will be able to read about, write about and speak about. Second year language students continue to focus on the five key areas of language, while following a year-long interactive fantasy story. Again, each unit is thematically based with a more intensive concentration on vocabulary and grammar patterns. Students will use authentic videos and listening sources to strengthen their listening skills. **Only available at the Innovation Campus as a double block course. Enrollment is limited.**

Prerequisites: German 1

#400013

One Semester 1 Elective Credit

German 3

The third level of German continues to expand the breadth and depth of the students' language skills. Students will continue to hone their abilities in writing, reading and conversational skills and will be given opportunities to creatively showcase their abilities.

Only available at the Innovation Campus as a double block course.

Prerequisites: German 2

#400014

One Semester 1 Elective Credit

AP German 4



AP German 4 is designed to provide advanced students with the opportunity to strengthen their ability to communicate in German through reading, writing, speaking and listening. To foster increased understanding of the German language and culture, students will use media and websites to explore the AP themes. In addition, the course offers students the opportunity to review previously acquired grammar knowledge in order to strengthen their writing ability. Students are given the option to take the Advanced Placement Foreign Language test in April. There is an additional fee for the AP German test.

Only available at the Innovation Campus as a double block course. Enrollment is limited.

Prerequisites: German 3



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#350045

Career Mentorship 1

One Semester

1 Elective Credit

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)

#350046

Career Mentorship 2

One Semester

1 Elective Credit

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

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?*



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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 |



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What is Business Academy? This program is for the college bound student interested in a career in business. Business Academy offers students a unique learning experience while providing the opportunity to earn 11 college credit hours through Columbus State Community College. This two year program introduces students to strategic entrepreneurship, finance, investments, sales, marketing, operations, management, and 21st century skills necessary for success in pursuing a career in business.

Students are challenged to generate innovative ideas for product and business development. They will conduct market research, create promotional materials for simulated and real businesses, understand and experience the sales process, apply money management skills with a personal and business approach, develop and execute business plans and present their entrepreneurial ventures throughout this course. ***Recommended for grades 10, 11 & 12.***

What are the opportunities in Business Academy? Students are provided an authentic learning experience through labs, field trips, leadership conferences, and collaborative school and community service projects. They will have the opportunity to mentor within Hilliard's business community and will also participate and compete in Business Professionals of America. Fees of up to \$40 may be collected while enrolled in Business Academy. It is strongly recommended that Business Academy students have reliable transportation to and from their mentoring sites during Year 2.

Interested in college credit? Business Academy has partnered with Columbus State Community College and students may earn up to 11 college credit hours.

What are the options in Business Academy? Business Academy is a yearlong course offered at the Innovation Campus as a Tolles satellite program. The courses include:

Course #980040 Year 1

- *1st Semester* *MGTK 1230: Customer Sales and Service* *3 Articulated credit = 1.0 HS credit*
- *2nd Semester* *FMGT 1101: Personal Finance* *3 CCP credits = 1 HS Credit*
 *** Personal Finance* *.5 HS credit*
 OR Personal Finance *1.5 (high school only for non-CCP qualifiers)*

Course #980041 Year 2

- *1st Semester* *BMGT 1101: Principles of Business* *3 semester credits = 1.0 HS credit*
 *** Principles of Business* *.5 HS credit*
 OR Principles of Business *1.5 (high school only for non-CCP qualifiers)*
- *2nd Semester* *BMGT1008: 21st Century Workplace Skills* *2 semester credits = .67 HS credit*
 *** 21st Century Workplace Skills* *.83 HS credit*
 OR 21st Century Workplace Skills *1.5 (high school only for non-CCP qualifiers)*

*** Articulated credit = student may receive college credit if they attend CCCC.*



This network is designed for the student who wants to experience school through authentic learning opportunities 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.

2.5 Elective Credits Year 1

2 Elective Credits Year 2

What is the Health Professionals Academy? Designed as an introduction to the healthcare professions, students learn the basics of healthcare that are applicable to any career in this area. 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

What are the opportunities in Health Professionals Academy? Students are exposed to the careers in healthcare through a variety of real-world opportunities including: a vital signs clinic, earning BLS CPR certification, field trips, and school/community service projects. The year 2 program for seniors incorporates a mentorship component, in which students are out in their field of interest, making valuable connections with those currently practicing in the healthcare industry.

What are the options in Health Professionals Academy? This is a yearlong course offered at the Innovation Campus as a Tolles satellite program. The courses include:

Course #980075: Junior or Senior Year: Health Professionals Academy Year 1

- 2.5 Elective Credits
- Gain a foundational knowledge of skills necessary for success in any healthcare field
- Discover if the healthcare field is a possible career choice for you
- If you are certain about a career in healthcare, narrow your possibilities based upon your interests and discoveries during the year
- Participate in a class vital signs clinic
- Participate in a health fair for local senior citizens
- Opportunity to earn BLS CPR/First Aid certification
- Opportunity to earn college credit through a partnership with Columbus State Community, College Credit + program. Students must have a qualifying ACT or Accuplacer score to earn credit. 2 credit hours for Medical Terminology.

Course #980076: Senior Year: Health Professionals Academy Year 2

- 2 Elective Credits
- Only students that have successfully completed Year 1 will be accepted into the Year 2 program.
- Students must have a 2.5 overall GPA, and have earned a B or higher in Health Professionals Academy Year 1. They must have a desire to learn about a particular healthcare field, have excellent attendance, no discipline concerns, and provide their own transportation to and from mentorship sites.
- Students **continue** their Healthcare Academy experience by obtaining a mentorship position (with assistance from instructor) in the community based on their goals after graduation, interests and curiosities.
- Students will be out in the community for 40+ hours per semester, shadowing an expert in their field of interest.
- Individualized learning experiences based upon each students' area of interest
- Earn HIPAA certification from a nationally recognized provider of healthcare education

Students will complete a portfolio showcasing their accomplishments in high school and in Health Professionals Academy. This will include a professional resume, cover letter, examples of healthcare projects and leadership roles, college essays and documentation of their mentoring experience. This portfolio, along with **recommendation letters from mentors is to serve them as they seek admission to educational institutions or placement in the workforce after graduation.**

HPA is excited to offer students the opportunity to take NURC 1001 at CSCC in the summer between junior and senior year at no cost. This class qualifies students to take the state test for nurse aides in Ohio. Most nursing schools require the completion of STNA prior to admission to their program, and this certification would grant access to well-paying entry level positions in local health care facilities.

HPA is excited to offer students the opportunity to take STNA at no cost. This class qualifies students to take the state test for nurse aides in Ohio. Most nursing schools require the completion of STNA prior to admission to their program, and this certification would grant access to well-paying entry level positions in local health care facilities.

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



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
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Autumn Semester:

- *ENGL 1100: Composition I* *3 semester credits = 1.0 HS credit*
- *PSY 1100: Introduction to Psychology or POLS 1100* *3 semester credits = 1.0 HS credit*

Spring Semester:

- *ENGL 2367: Composition II* *3 semester credits = 1.0 HS credit*
 - *POLS 1100: Federal Government or PSY 1100* *3 semester credits = 1.0 HS credit*
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#980091	Year 2	12 semester credits
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Autumn Semester:

- *SOC 1101: Introduction to Sociology* *3 semester credits = 1.0 HS credit*
- *COMM 1105: Public Speaking or PHIL 1130: Ethics* *3 semester credits = 1.0 HS credit*

Spring Semester:

- *POLS 1250: State & Local Government* *3 semester credits = 1.0 HS credit*
- *PHIL 1130: Ethics or COMM 1105: Public Speaking* *3 semester credits = 1.0 HS credit*



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 register, please visit: www.hilliardschools.org/onlineacademy/

COURSE TITLE	CODE	CREDIT	COURSE TITLE	CODE	CREDIT
2D Visual Art B Photo/Digital	100L40	.50	Freshwater & Marine Ecosystems	550L40	.50
2D Visual Art - Drawing/Painting	100L45	.50	Physical Science A SM1	550L51	.50
Future Ready	150L01	.50	Physical Science A SM2	550L96	.50
College Fundamentals	150L02	.50	Physical Science B SM1	550L97	.50
Personal Finance	150L36	.50	Physical Science B SM2	550L52	.50
Media Awareness	300L02	.50	World Studies A SM1	600L01	.50
English 9A SM1	300L01	.50	World Studies A SM2	600L90	.50
English 9A SM2	300L90	.50	World Studies B SM1	600L91	.50
English 9B SM1	300L91	.50	World Studies B SM2	600L02	.50
English 9B SM2	300L03	.50	U.S. History A SM1	600L05	.50
English 10A SM1	300L05	.50	U.S. History A SM2	600L92	.50
English 10A SM2	300L92	.50	U.S. History B SM1	600L93	.50
English 10B SM2	300L06	.50	U.S. History B SM2	600L06	.50
English 10B SM1	300L93	.50	U.S. Government A SM1	600L35	.50
English 11A SM1	300L45	.50	U.S. Government A SM2	600L94	.50
English 11B SM2	300L46	.50	U.S. Government B SM1	600L95	.50
English 11A SM2	300L94	.50	U.S. Government B SM2	600L36	.50
English 11B SM1	300L95	.50	American History Through Film	600L50	.50
Speech, Debate & Public Discourse	300L55	.50	Note: Descriptions of each course is located in Section D		
Leadership Development	300L65	.50			
English 12A SM1	300L75	.50			
English 12B SM2	300L76	.50			
English 12A SM2	300L96	.50			
English 12B SM1	300L97	.50			
Physical Education 1	450L05	.25			
Physical Education 2	450L06	.25			
Health	450L10	.50			
Algebra 1A SM1	500L11	.50			
Algebra 1B SM2	500L12	.50			
Algebra 1A SM2	500L88	.50			
Algebra 1B SM1	500L89	.50			
Geometry A SM1	500L21	.50			
Geometry B SM2	500L22	.50			
Geometry A SM2	500L94	.50			
Geometry B SM1	500L95	.50			
Algebra 2A SM1	500L31	.50			
Algebra 2B SM2	500L32	.50			
Algebra 2A SM2	500L96	.50			
Algebra 2B SM1	500L97	.50			
Algebra 3A SM1	500L41	.50			
Algebra 3B SM2	500L42	.50			
Algebra 3A SM2	500L98	.50			
Algebra 3B SM1	500L99	.50			
Biology A SM1	550L08	.50			
Biology A SM2	550L90	.50			
Biology B SM1	550L91	.50			
Biology B SM2	550L09	.50			
Environmental Science	550L15	.50			
Scientific Principles of Sustainability A SM1	550L23	.50			
Scientific Principles of Sustainability A SM2	550L92	.50			
Scientific Principles of Sustainability B SM1	550L93	.50			
Scientific Principles of Sustainability B SM2	550L24	.50			

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. See page [C-3](#) 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. See page [A-9](#) 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. See page [B-8](#) for more information.

ASVAB - an acronym for Armed Services Vocational Aptitude Battery. This test is given to any 11th or 12th 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. See page [B-6](#) 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. See page [B-6](#) 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. See page [D-7](#) 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.

Capstone - a culminating experience to be completed during the senior or junior year as a graduation requirement. See page [A-8](#) for more information.

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. See page [B-1](#) 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. See page [B-9](#) 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. See page [D-55](#) 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. See page [B-16](#) 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, Personal Finance, College Fundamentals, or Principles of Entrepreneurship or CBI 3 Related.

Focused Elective - suggested elective courses aligned to an Area of Focus within a learning pathway that students are encouraged to take to explore career interests.

Freshman - a student who has *zero credits (or less than 4 credits)*.

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. See page [B-7](#) 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. See page [B-8](#) 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. See page [D-55](#) for more information.

Junior - a student who has earned *at least nine credits* total and/or is in their 3rd year of high school.

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. See page [B-9](#) 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. See page [E-5](#) 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. See page [D-50](#) 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 See page [C-2](#) for more information.

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. See page [C-4](#) 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 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 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. See page [E-10](#) 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. See page [A-10](#) 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.

Presidential Education Award - This award provides individual recognition from the President and the U.S. Secretary of *Education* to those students whose outstanding efforts have enabled them to meet challenging standards of excellence. The Presidential Education Award will be made late in the spring to graduating seniors who have met established criteria. See page [A-10](#) for more information.

PSAT - the Preliminary Scholastic Aptitude Test/ National Merit Scholarship Qualifying Test (NMQT) 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. See page [C-2](#) 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. See page [C-3](#) for more information.

SchoolLinks - SchoolLinks is a modern, college and career readiness platform to prepare students for what comes after graduation. See page [C-2](#) for more Information.

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.

Senior - a student who has earned *at least fifteen credits* total and/or in their 4th year of high school.

Sophomore - a student who has earned *at least four credits* total and/or in their 2nd year of high school.

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. See page [D-50](#) 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. See page [B-8](#) for more information.

Zero Period - a class period of academic study which takes place prior to the start of the school day.