

Marion Center High School

10th - 12th Grade

COURSE CATALOG



2022 - 2023

**MARION CENTER AREA SCHOOL DISTRICT
SCHEDULING PROCEDURES
2022-2023**

MISSION OF THE MARION CENTER AREA SCHOOL DISTRICT

The Mission of the Marion Center Area School District is to serve the community by challenging and educating all students to be responsible and productive citizens of a global society.

Vision: The Marion Center Area School District will be recognized as an innovative learning community where students will be educated as leaders in the areas of academics, arts, athletics, character, citizenship, technology, and vocational skills. The use of proactive professional training, analysis of assessment data, and a continuous improvement approach to education are our district's keys to success. In order to accomplish this vision, our district will focus on the following areas:

1. Ensure that all children have access to an engaging curriculum that maximizes their individual learning potential through intervention, enrichment, and customized learning paths.
2. Articulate a clear curriculum and academic goals for all students and provide teachers with current resources, training, and materials to meet the needs of 21st-century learners.
3. Provide a variety of opportunities both educationally and through extracurricular activities to support individual interests and goals.

Shared Values: The following shared values will continue to strengthen and focus the Marion Center Area School District to provide outstanding opportunities for our students.

We believe:

- ❖ Students must be educated in a safe atmosphere of mutual respect.
- ❖ Best practice strategies and innovative approaches must be used to provide a customized learning experience for all students.
- ❖ Diverse curriculum opportunities and effective instruction based on academic standards are essential to preparing students for lifelong learning.
- ❖ Educational opportunities should include academic subjects, arts, athletics, character, citizenship, technology, and vocational skills.
- ❖ Communication between staff, students, home, and community is essential.
- ❖ Multicultural and diversity awareness and understanding are critical to maintaining a respectful and safe learning environment.
- ❖ Technology must be integrated across the district to enhance the educational experience.
- ❖ The school district is an integral part of the community.
- ❖ Families are partners in their child's education.
- ❖ Building meaningful relationships between students, staff, and the community that promote positive character and citizenship are essential to the future of our students.

PATHWAYS EDUCATION

Pathways Education aims to provide more personalized educational experiences for our learners. Our curriculum is geared toward developing well-rounded individuals with diverse skill sets, fostering self-development through diverse course offerings, and providing a more individualized approach based upon post-secondary goals.

During their ninth-grade year, students in Marion Center Area School District enroll in a career planning and development course that will help them develop a plan of coursework to meet their educational and career goals. By following a personalized learning pathway, learners prepare themselves for work or further education after high school. Goal-setting and the understanding of career and educational options are an important part of the high school program. By the time learners reach high school, most will have a general idea about their career goals. Those that do not will continue through career planning activities to help guide them on the path that will best suit their planned outcomes.

It is imperative that graduation requirements are met in a timely fashion and course selections are matched to coincide with college or university entrance requirements or career or military aspirations. The counseling team will help each child develop a planned course of study so that he or she has an opportunity to have the best program available to help in the achievement of their goals. Students who wish to modify their planned course of study because of changes in their career or educational goals must meet with their parents and their guidance counselor to discuss and plan pathway changes.

DIPLOMA REQUIREMENTS

★ In summary of the information below, students must accumulate a minimum of 25 credits, meet one of the ACT 158 graduation pathways, and pass the U.S. Citizenship test to receive a diploma.

REQUIRED GRADUATION CREDITS:

According to Pennsylvania School Code, students are required to complete 4 credits in English, 3 credits in Science, 3 credits in Math, 3 credits in Social Studies, 2 credits in Arts or Humanities, and 5 credits of elective courses. Students are also required to successfully complete a Physical Education course each year they attend high school and successfully complete one planned Health course. Schools are also required to provide instruction in the areas of technology and family and consumer sciences. In order to meet these requirements and prepare students for life after high school, the Marion Center Area School District requires students to accumulate a minimum of twenty-five (25) credits for graduation. More specific information on required course credits can be found on pages 4 and 5 of this course catalog.

GRADUATION REQUIREMENTS SET FORTH BY ACT 158 & THE PENNSYLVANIA DEPARTMENT OF EDUCATION:

In accordance with the requirements set forth by the Pennsylvania Department of Education and Act 158, learners graduating in 2022 and beyond **must meet ONE of the following pathways** to meet the statewide graduation requirement:

- ❑ **Keystone Proficiency Pathway:** Scoring proficient or advanced on each Keystone Exam - Algebra I, Literature, and Biology.

- ❑ **Keystone Composite Pathway:** Earning a composite score of 4452 on the Algebra I, Literature, and Biology Keystone Exams (while achieving at least a proficient score on at least one of the three exams and no less than a basic score on the remaining two).
- ❑ **Alternate Assessment Pathway:** Successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the learner did not achieve proficiency **and** one of the following:
 - a. Attainment of an established score on an approved alternate assessment (SAT, PSAT, ACT, ASVAB);
 - b. Successful completion of advanced coursework (AP, College in the Classroom, or next level course i.e. Biology II, Algebra II, or Literature and Communication) in an academic content area associated with each Keystone Exam in which the learner did not achieve at least a proficient score;
 - c. Acceptance in an accredited 4-year nonprofit institution of higher education and evidence of the ability to enroll in college-level coursework.
- ❑ **Evidence-Based Pathway:** Successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the learner did not achieve proficiency and demonstration of three pieces of evidence consistent with the learner's goals and career plans, including
 - a. One of the following:
 - i. Attainment of an established score on the ACT WorkKeys assessment, an SAT subject test, an Advanced Placement Program Exam, or an International Baccalaureate Diploma Program Exam;
 - ii. Acceptance to an accredited nonprofit institution of higher education other than a 4-year institution and evidence of the ability to enroll in college-level coursework; (or)
 - iii. Attainment of an industry-recognized credential; or iv. Successful completion of a concurrent enrollment or postsecondary course; and
 - b. Two additional pieces of evidence, including one or more of the options listed above, or: satisfactory completion of a service-learning project; attainment of a score of proficient or advanced on a Keystone Exam; a letter guaranteeing full-time employment; a certificate of successful completion of an internship or cooperative education program; or satisfactory compliance with the NCAA's core courses for college-bound learner athletes with a minimum grade point average (GPA) of 2.0.
- ❑ **CTE Pathway:** For Career and Technical Education (CTE) Concentrators, successful completion of locally established grade-based requirements for academic content areas associated with each Keystone Exam on which the learner did not achieve proficiency and attainment of an industry-based competency certification related to the CTE Concentrator's program of study or demonstration of a high likelihood of success on an approved industry-based competency assessment or readiness for continued meaningful engagement in the CTE Concentrator's program of study.

In addition to meeting one of the above pathways to graduation, students must also take a locally established version of the U.S. Citizenship and Immigration Services Naturalization test at some point during their 9th -12th grade year. In our district, the exam is administered at the end of the 9th grade Modern American History course. Learners who do not pass the exam (70% or above) at that time will be required to take Civics in their 11th or 12th-grade year. Learners who receive a perfect score on the exam will receive a certificate.

SCHEDULING PROCEDURES

PROCESS:

- 1) Students will have a class meeting to discuss scheduling with administration, counselors, and select staff members.
- 2) School Counselors will visit students in their English or Social Studies classes to explain the scheduling process and provide students with scheduling packets.
- 3) Students will work with their parents to complete their scheduling forms. Parents will sign the form and return it to the school with their child by April 8th. It is important for students and parents to work together to discuss their child's interests and abilities to help them make sound decisions regarding the scheduling process.
- 4) Counselors will be available to students and parents to answer questions and work through any scheduling conflicts. They can be reached at 724-397-5551 Extension 1140 between the hours of 7:25 am - 3:10 pm, Monday through Friday, or after school hours by appointment. They can also be reached by email:

Grades 7-8	Mrs. Nicole Long, nlong@mcasd.net
Grades 9-10	Mrs. Regina Horwat, rhorwat@mcasd.net
Grades 11-12	Mrs. Michele Pearce, mpearce@mcasd.net
- 5) Course requests will be collected and tabulated. The district reserves the right to eliminate courses or move courses to online offerings based upon insufficient course requests or the inability to get students scheduled within a course. Students will be made aware of such decisions and asked to resubmit a course request if needed to finalize schedules.
- 6) Scheduling conflicts will be identified and families will be contacted to collaboratively resolve those issues.
- 7) Student schedules will be mailed to families over the summer with specified schedule change dates.

SCHEDULE CHANGES:

Please take the scheduling process very seriously! It is imperative that graduation requirements are met in a timely fashion and course selections are matched to coincide with college or university entrance requirements or career or military aspirations. Because learners should be basing their course selections on their determined career path, schedule changes should be minimal. We do understand that for certain reasons students will need to request changes once they receive their schedules. Summer schedule change dates will be provided when schedules are mailed. **Schedule changes will NOT be made to accommodate teacher or classmate preferences.**

COURSE WITHDRAWALS:

A course not required for graduation may be dropped up to and including the 7th day of the first nine weeks of class without the grade earned affecting the student's academic record. If a subject is dropped after the 7th day, it will be indicated on the student's record and counted toward the student's credits attempted. Such a late withdrawal will lower the student's class ranking and affect honor roll status. There will be no automatic drop/add next term. Therefore, choose your electives wisely.

DUAL ENROLLMENT OPPORTUNITIES

Dual enrollment is an opportunity for high school students to earn college credit while earning their required high school credits. In order to enroll in dual enrollment opportunities, students must have an overall grade point average of 3.0. Marion Center offers three options for college credit.

COLLEGE IN THE CLASSROOM COURSES:

Several courses within the district are approved for *College in the Classroom* credit. These courses are taught by Marion Center staff members who have the required credentials to teach college-level coursework. Approved courses are identified on the following page and are marked with two asterisks (**) on the course list on pages 10 and 11. We currently have partnerships with Westmoreland County Community College (WCCC) and Mount Aloysius to provide *College in the Classroom* credits. In order to receive college credit, students must enroll at the college, complete a dual enrollment form, and pay for the course by a designated date provided by the college (usually Sept/Oct). Information will be given to all students enrolled in approved courses at the start of the 2021-22 school year. Course credits through WCCC and Mount Aloysius are approximately \$60 per credit. The majority of courses earn 3 credits. Payment for course credits is the responsibility of the learner or parent/guardian.

ACCREDITED COLLEGE COURSES:

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval from the district. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded. Indiana University of Pennsylvania (IUP) offers college courses to high school students at a 75% discounted rate. Payment for course credits is the responsibility of the learner or parent/guardian. If you are interested in this opportunity, please contact the guidance office. **Grades received in accredited college courses will transfer to Marion Center transcripts, GPA, and class rank in the following manner: A = 97%, B = 90%, C = 83%, D = 76%, F will not receive credit. A three (3) credit college course will transfer to 1 high school credit. A four (4) credit college course will receive a weighted grade.**

ADVANCED PLACEMENT COURSES:

Advanced Placement (AP) courses are challenging courses offered by Marion Center teachers that align with College Board standards. These courses can be taken as AP or *College in the Classroom* courses. AP courses teach high-level material and require advanced critical thinking skills, as well as extensive reading and writing assignments. **AP Courses allow students to advance beyond high school-level coursework and earn a weighted grade toward graduation requirements.** Students may be required to complete summer assignments for AP courses prior to taking the course. All AP courses are approved for *College in the Classroom* credit through Mount Aloysius and/or students can take the AP Exam in May. It is wise for students taking AP courses to investigate the requirements of the college that they are planning to attend to determine the best option (*College in the Classroom* credit or an AP exam score). AP Exams cost approximately \$90. *College in the Classroom* credits cost approximately \$180 per course. Payment for either option is the responsibility of the learner or parent/guardian. **Current AP Courses include AP Biology, AP Calculus AB, AP Calculus BC, AP Literature, AP Language and Communication, AP U.S. Government and Politics, and AP U.S. History.**

SPECIFIC DUAL ENROLLMENT INFORMATION

College in the Classroom Credits

Approved for 2022-2023

Mount Aloysius College Cost \$60 per credit/\$180 per class		Westmoreland Community College Cost \$60 per credit/\$180 per class	
Marion Center High School Course	Mount Aloysius College Course	Marion Center High School Course	WCCC College Course
AP Calculus AB	MATH 113 PreCalculus	Honors World History	HIS 156 Modern Western Civilizations
AP Calculus BC	MATH 117 Calculus I	College Writing	ENG 161 College Writing
AP Government & Politics	PLSC 203 American National Government	Creative Writing Prerequisite: College Writing	ENG 165 Creative Writing I
AP Language & Composition	ENGL 110 Rhetoric I	Physics	PHYS 153
AP Literature	ENGL 102 Introduction to Literature	Advanced Health & Fitness	HPE 156 Health and Phys. Ed.
Physics	PHYS 103 Applied Physics	College Algebra/Prob & Stats*	MTH - 157 College Algebra
Sociology*	Soc 155 Principles of Sociology	Financial Wellness*	FIN 155 Personal Finance
		Advanced Computer Applications *	CPT 150 Microcomputer Concepts
		PreCalculus* Prerequisite: Algebra II	MTH 158 Precalculus
		Public Speaking*	SPC 155 Effective Speech

ADDITIONAL DUAL ENROLLMENT INFORMATION

Students and Parents/Guardians are responsible for determining if the college or university they are planning to enroll accepts the dual enrollment credits. The best way to do this is to contact the admissions office of the college the child is planning to attend. The Guidance Office is able to assist with questions, but it is the responsibility of the student or parent to ensure credits are transferable.

To receive college credit for ANY dual enrollment class, students must obtain a final grade of “C” or above.

Opportunities for financial assistance are available for dual enrollment. Please see Mrs. Pearce for information. If cost is an issue, please look into these options rather than not scheduling the course.

Those individuals interested in taking an **Accredited College Course** at a college or university can find more information on our website under Dual Enrollment opportunities or should visit or call the Guidance Office at 724-397-5551 X 1140. Most colleges offer courses at a discounted rate for high school students.

**INDIANA COUNTY TECHNOLOGY CENTER
(MORE SPECIFIC INFORMATION IN ICTC COURSE CATALOG)**

Students who decide to attend the Indiana County Technology Center can enroll in a program area beginning their sophomore year. Students will accumulate 3 pathway credits for each year they successfully complete their ICTC program. Students attending ICTC will be excused from completing the additional .5 credit for an advancing technology course, as well as a .5 pathway credit for Health & Physical Education.

All students who enroll in the ICTC program will be required to successfully complete their chosen program for graduation. Students who choose to drop out of the ICTC program must re-enter their program of study at Marion Center Area High School and successfully complete all the necessary courses and credits for graduation.

ICTC Program Areas include the following:

Automotive Technologies

- *Collision Repair
- *Auto Technology

Construction & Building Trades

- * Carpentry
- * Masonry
- * HVAC

Engineering Technologies

- * Welding Technology
- * Machining Technology

Public Services

- * Cosmetology
- * Health Occupations
- * Culinary Arts

Information Technologies

- *Digital Communications
- *Graphics & Electronics Media
- *Information Technology Services

Students must shadow the program area of interest, as well as complete an application/interview in order to be admitted to the Indiana County Technology Center.

OTHER INFORMATION

ONLINE COURSES:

The district will offer online courses if we are unable to provide an in-person course. Courses within the course list may be moved to online courses due to insufficient requests or the inability of students to schedule specific courses. Online courses are determined by the district based on the schedule. The majority of online courses are taught by Marion Center staff members using the Edgenuity platform. Students taking online courses will be assigned to the Online Learning Lab in the High School IMC. The district reserves the right to eliminate courses, either in-person or online, based upon insufficient course requests or the inability to assign a teacher to a course due to scheduling. World Language courses, with the exception of Spanish, are offered online. These courses are taught by Edgenuity teachers. Students will be scheduled in the Online Learning Lab for one period a day to complete their coursework. Assigned periods will be based on availability within the learner's schedule.

RECOVERING CREDITS FOR FAILED COURSES:

Students have four (4) options to recover credits for courses that they did not successfully complete.

- 1) **Retake the course** the following year. This would be a no-cost option but sometimes makes it difficult for the learner to keep up with all of his/her coursework, as it is an additional course built into their schedule. For some students, completing the course in the summer allows for a more manageable workload throughout the school year.
- 2) **Keystone Credit Completion** - Keystone's credit recovery program offers a print or an online option to recover credits. Costs of either option are the responsibility of the learner or parent/guardian and must be paid prior to the start of the course. More specific information on enrollment and deadlines will be provided with failure letters at the end of the school year.
 - a) **Print Option** - Tuition for the print option is approximately \$116 for a 1 credit course. The print option is mailed directly to the student and must be mailed back by the date provided in failure letters sent out in June.
 - b) **Online Option** - Tuition for the online option is approximately \$155 for a 1 credit course and \$116 for a semester course. The online recovery courses are broken into Part A and Part B. Students must complete both parts to receive 1 recovery credit.
- 3) **Marion Center Cyber Academy** - Summer coursework offered by Marion Center Cyber Academy MAY be scheduled, but is the financial responsibility of the learner or parent and must be paid prior to the start of the course. The cost of a summer cyber course is \$275 for a semester course (.5 credit) or \$550 for a full credit course. **Course options will be offered based on staff availability.**
- 4) **Independent Tutor** - Families can hire an independent tutor for credit recovery purposes. The payment to the tutor is the responsibility of the learner or parent/guardian. The tutor must have a Pennsylvania teaching license in the subject area of recovery and provide a minimum of 60 hours of instruction/tutoring. The district requires a copy of the tutor's teaching certificate, documentation of 60 hours of tutoring, and a list of the concepts covered during the tutoring sessions.

Grades for courses recovered through any of the options listed above will show on the student's transcript as "P" for pass or "F" for fail.

STUDENTS WITH AN INDIVIDUALIZED EDUCATION PLAN (IEP) OR SECTION 504 PLAN:

According to the Individuals with Disabilities Education Act and Chapter 14 of the PA School Code, schools are allowed to modify graduation standards for individual students through the IEP or Section 504 plan. The team has the authority to set graduation standards for students with disabilities based upon their individual needs and goals. This authority exceeds any district or building policy or procedure. The team needs to discuss accommodations and modifications in the areas of required courses and testing. Any accommodations or modifications that are decided upon by the team should be written into the student's IEP. IEP teams can determine that a student will earn a diploma by meeting district graduation requirements, or by meeting their goals in their IEP. This option is most commonly used in the case of students who are attending high school past the end of their 12th-grade year. Students who continue to receive special education past the end of 12th grade usually have functional skills that still need to be developed (IEP goals have not been met) or because the student has missed several days of school and needs to make up credit requirements.

EARLY GRADUATION:

According to Pennsylvania School Code, students may be excused from their senior year if they have completed the district's required graduation requirements and have been accepted into a post-secondary accredited college or university prior to the start of their 4th year of high school. Students may accumulate credits prior to their senior year by taking more than 6 credits per year and/or enrolling in accredited college courses which count for Marion Center graduation credits throughout the school year or during summer sessions. Unless granted permission by the administration, students are not permitted to take more than 9 credits per school term. All accredited college coursework costs are the responsibility of the learner or parent/guardian. Summer coursework offered by Marion Center Cyber Academy may be scheduled but is the financial responsibility of the learner or parent. The cost of a summer cyber course is \$275 for a semester course (.5 credit) or \$550 for a full credit course. Course options will be offered based on staff availability.

If juniors complete their graduation requirements prior to the end of the current school term, they can participate in graduation activities with the current senior class and receive their diploma at the conclusion of their junior year. If the learner completes their requirements during the summer following their junior year, he/she may receive their diploma at the time of completion and may participate in graduation activities with their graduating class. Students graduating early and planning to participate in graduation activities are required to attend all preparation activities. Students choosing not to be enrolled for their fourth year in high school due to early graduation are not eligible to participate in athletics, based upon WPIAA regulations.

Students choosing to graduate early and want to be included in the senior class ranking as a junior must indicate their plans to graduate early by the conclusion of their 10th-grade year. If the decision is made at a later date, the student will not be considered in the graduating class rank.

REQUIRED GRADUATION CREDITS

In order to assist students in preparing their schedules for the next school year, the following information concerning scheduling and graduation requirements has been prepared.

Beginning in grade nine, students must accumulate 25 graduation credits. All students are required to take and pass courses listed under “Required Credits”. Students may choose from a variety of courses offered to meet the “Pathway Credit” requirements, as determined by their career plan. Students are required to take 6 credits each year.


Subject Area	Required Credits	Pathway Credits	Total Credits
English/Communications	2 English Language Arts 9 (H) English Language & Literature 10 (H)	2	4
Mathematics	2 Algebra I or Algebra II (Algebra I can be taken in 8th grade) Geometry or Integrated Math I	1	3
Science	1 Biology	2	3
Social Studies	2 Modern American History 9 Survey of World History (H) (10-12)	1	3
Health and Physical Education	.5 Health & Fitness I (9) .5 Health & Fitness II (10-12)	1	2
Technology Literacy	.5 21st Century Computer Literacy 10	.5	1
Career/Life Readiness	.5 Career Planning and Development 9 .5 Successful Living (11 or 12)		1
Additional Pathway Credits	2 of the 8 credits must fall under Arts/Humanities/Language	8	8
		Total	25

Indiana County Technology Students - Students attending ICTC will be exempt from the .5 Health & PE pathway credit and the .5 pathway Technology Literacy Credit. They will receive 9 “Additional Pathway Credits” for completing their ICTC Program of Study.

List of 2022-23 Courses

Subject Area	Required Courses Students must take the following: (H) indicates Honors course offered.	Pathway Courses Students must choose from the following: Additional courses can be taken from the courses below to meet additional pathway credit requirements.												
English	English Language Arts 9 (H) English Language and Lit 10 (H)	Select 2												
		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Accredited College Course**</td> <td style="width: 50%; border: none;">English Review</td> </tr> <tr> <td style="border: none;">AP Language and Comp.**</td> <td style="border: none;">Literature and Commun.</td> </tr> <tr> <td style="border: none;">AP Literature**</td> <td style="border: none;">Literature and Research</td> </tr> <tr> <td style="border: none;">Business Communications</td> <td style="border: none;">Public Speaking** (.5)</td> </tr> <tr> <td style="border: none;">College Writing**</td> <td></td> </tr> <tr> <td style="border: none;">Creative Writing** (.5)</td> <td></td> </tr> </table>	Accredited College Course**	English Review	AP Language and Comp.**	Literature and Commun.	AP Literature**	Literature and Research	Business Communications	Public Speaking** (.5)	College Writing**		Creative Writing** (.5)	
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AP Literature**	Literature and Research													
Business Communications	Public Speaking** (.5)													
College Writing**														
Creative Writing** (.5)														
Math	Algebra I, Applied Algebra I, or Geometry Algebra II or Integrated Math I Geometry and Algebra II can be taken at the same time for students doubling up in math.	Select 1												
		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Accredited College Course**</td> <td style="width: 50%; border: none;">College Alg/Prob & Stats**</td> </tr> <tr> <td style="border: none;">AP Calculus AB**</td> <td style="border: none;">Consumer Math</td> </tr> <tr> <td style="border: none;">AP Calculus BC**</td> <td style="border: none;">Integrated Math II</td> </tr> <tr> <td style="border: none;">Algebra II</td> <td style="border: none;">Pers. Financial Wellness** (.5)</td> </tr> <tr> <td style="border: none;">Algebra Review</td> <td style="border: none;">Pre-Calculus</td> </tr> <tr> <td style="border: none;">Business Math</td> <td style="border: none;">Sports Analytics & Stats (.5)</td> </tr> </table>	Accredited College Course**	College Alg/Prob & Stats**	AP Calculus AB**	Consumer Math	AP Calculus BC**	Integrated Math II	Algebra II	Pers. Financial Wellness** (.5)	Algebra Review	Pre-Calculus	Business Math	Sports Analytics & Stats (.5)
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Business Math	Sports Analytics & Stats (.5)													
Science	Life Science 9 or Biology	Select 2												
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Social Studies	Modern American History 9 World History 10 (H) **Honors World History earns college credit. Civics is a required course for any student who does not receive a passing score on the state-required civics exam administered at the end of the Modern American History 9 course.	Select 1 (or 2 semester courses)												
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Health and Physical Education	Health and Fitness 9 (.5) Health and Fitness II (10) (.5)	Select 2 - All courses are semester courses (.5)												
		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Advanced Health/Fitness**</td> <td style="width: 50%; border: none;">Lifeguard Training must be 15</td> </tr> <tr> <td style="border: none;">Adv. Cardio Fit & Strength</td> <td style="border: none;">Online Physical Education</td> </tr> <tr> <td style="border: none;">Sports Independent Study</td> <td style="border: none;">Watermania</td> </tr> <tr> <td style="border: none;">General Physical Education</td> <td></td> </tr> </table>	Advanced Health/Fitness**	Lifeguard Training must be 15	Adv. Cardio Fit & Strength	Online Physical Education	Sports Independent Study	Watermania	General Physical Education					
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General Physical Education														
Technology	21st Century Computer Literacy 10 (.5)	Select 1 All courses are semester courses (.5) unless otherwise specified												
		<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Intro to Office Suite</td> <td style="width: 50%; border: none;">Adv. Robotic Programming</td> </tr> <tr> <td style="border: none;">Adv. Computer Apps**</td> <td style="border: none;">Intro to Comp. Science (1)</td> </tr> <tr> <td style="border: none;">Intro to 3-D Printing and Design</td> <td style="border: none;">Computer Science (1)</td> </tr> <tr> <td style="border: none;">Adv. 3D Print & Animation</td> <td style="border: none;">Intro to Graphic and Web Design</td> </tr> <tr> <td style="border: none;">Intro to Robotics Programming</td> <td style="border: none;">Google Workspace</td> </tr> <tr> <td style="border: none;">Intro to Robotics Fabrication</td> <td style="border: none;">Google Career Cert. (2)</td> </tr> <tr> <td style="border: none;">Adv. Competitive Robotics</td> <td></td> </tr> </table>	Intro to Office Suite	Adv. Robotic Programming	Adv. Computer Apps**	Intro to Comp. Science (1)	Intro to 3-D Printing and Design	Computer Science (1)	Adv. 3D Print & Animation	Intro to Graphic and Web Design	Intro to Robotics Programming	Google Workspace	Intro to Robotics Fabrication	Google Career Cert. (2)
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Intro to Robotics Programming	Google Workspace													
Intro to Robotics Fabrication	Google Career Cert. (2)													
Adv. Competitive Robotics														
Career/Life Readiness	Career Plan and Development 9 (.5) Successful Living (.5)	Students are able to complete an approved Internship/Work Experience during their Senior year for 2 pathway credits.												

Additional Pathway Credits

Agricultural Science		Business & Technology					
Intro to Agriculture, Food, and Natural Resources Principles of Plant Science I/II Principles of Animal Science Agriculture Power & Technology I/II Agriculture Production Science I/II Environmental Science Issues Wildlife Ecology Natural Resources and Ecology Supervised Agricultural Experience		Accounting I Accounting II** Adv. Computer Apps** Adv. Competitive Robotics Adv. Robotics Programming Adv. 3D Printing & Animation Business Commun.** Business Math** Computer Science Google Workspace (.5) Google Career Cert. (2)		Financial Wellness** (.5) Intro to Business Intro to Computer Science (1) Intro to Graphic and Web Design (1) Intro to Office Suite (.5) Intro to Robotics Programming (.5) Intro to Robotics Fabrication (.5) Marketing Securities and Invest (.5) Small Business MGT (.5) Intro to 3-D Printing (.5)			
Science		Math					
Accredited College Course** AP Biology + Lab Anatomy & Physiology Biology II Chemistry + Lab Chemistry II + Lab Environ. Science Issues Integrated Science		Nat. Resources and Eco. Physics + Lab Wildlife Ecology Principles of Animal Sci. Principles of Plant Science		Ac. College Course** AP Calculus AB** AP Calculus BC** Algebra Review Algebra II Accounting II** Business Math**		College Algebra** Consumer Math Integrated Math II Pre-Calculus** Sports Statistics (.5)	
English/Communications							
Ac College Course** AP Lang and Comp.** AP Literature* Business Communications College Writing** Creative Writing** (.5)		Literature and Commun Literature and Research Public Speaking** (.5) Yearbook					
Family Consumer Science		Career Development Opportunities					
Food & Nutrition Mastering Successful Living		Child Development		Career Development 9 (.5) Internship Experience (2)		Work Experience (2) Google Career Cert. (2)	
Arts and Humanities Courses							
Students must choose 2 of the courses listed below throughout grades 9-12 to meet graduation requirements.							
Art				Performing Arts			
Art I Art II Art III Art IV		Crafts (.5) Painting (.5) Pottery I Pottery II/III		Chorus + Lessons Concert Band + Lessons		Music Theory I-III Theatre Arts I-III	
Social Sciences/Humanities				World Language			
AP US History AP Gov. & Politics** American Conflicts Criminology Civics (.5)		Economics (.5) Psychology I/Psych II Sociology I/Sociology II** Travel and Tourism US Govern. and Politics		Spanish I Spanish II Spanish III/IV German I (OL) German II (OL) Chinese I (OL)		Chinese II (OL) Latin I (OL) Latin II (OL) French I (OL) French II (OL) French III/IV (OL)	

(OL) - Online course

10th - 12th English/Communications Course Descriptions

ENGLISH/COMMUNICATIONS

Choose 1 required credit.

English Language and Literature 10

1 year

1 credit

Prerequisites: English/Language Arts 9

English Language and Literature focuses on literature study, reading comprehension skills, writing, communication/public speaking, and research. The reading and writing components of the course focus on the theme of heroes and journeys, while the communications portion of the class explores a variety of purposes for speaking, including to inform, to entertain, and to persuade. The research unit culminates with participation in a debate presentation. The Keystone Literature Exam will be taken during the Spring of this course.

Honors English Language and Literature 10

1 year

1 credit

Prerequisites: 3.5 GPA in ELA 9, 3.5 GPA Overall

This course is intended to prepare students for the expectations and rigor of AP English courses. Assignments will focus on studying and creating a variety of literature, drama, poetry, non-fiction, advertising, and propaganda. Several student-generated projects will make up a large part of the course, in addition to literary analysis, film analysis, and several essays. There will be a required summer reading assignment and accompanying essay that must be completed to remain in the course. The Keystone Literature Exam will be taken during the Spring of this course.

English Pathway Courses

Students must successfully complete 2 additional credits for graduation requirements.

**** Course can receive college credit.**

Accredited College Course **

1 year

1 credit

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval of the building principal. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded.

Advanced Placement Language and Composition**

1 year

1 credit

Prerequisites: 3.5 GPA in English courses

This course requires students to write in a variety of academic forms and subjects, with a focus on the extended effort writing process. Students will also work with informal modes of writing to make writing second nature and to increase self-awareness as writers. All readings, mostly nonfiction, will lead students to a deeper understanding of the conscious choices an author makes when shaping a piece of writing. Students will reflect on these choices in expository, analytical, and argumentative writing assignments. Writing will be critiqued with a focus on developing vocabulary, improving sentence variety, thinking critically about organization, using both general and specific details, introducing an understanding of rhetoric, and developing a strong tone and unique voice in nonfiction and fiction alike. There will be a required summer reading assignment and accompanying essay that must be completed to remain in the course. This course earns college credit through Mount Aloysius and/or students can enroll in the AP exam.

10th - 12th English/Communications Course Descriptions

English pathway courses continued.

Advanced Placement Literature **

1 year

1 credit

Prerequisites: 3.5 GPA in English courses

This course has been approved by the College Board as a college-level English literature course and will prepare students for rigorous college reading and writing. The literature content will focus not only on classic poetry, short fiction, and drama but also on classic and contemporary novels. The literature will not focus on a specific era or period but will offer students the opportunity to study a wide variety of authors and texts. The majority of class time will be spent in group discussions and literary analysis. Writing prompts will be assigned and assessed with the goal of preparing students to score well on the AP exam. Summer reading and writing assignments must be completed for students to remain in the course. This course earns college credit through Mount Aloysius and/or students can enroll in the AP exam.

Business Communications

1 year

1 credit

This course provides students with the skills needed to be successful in a business organization. Students will study common business correspondence, including the correct form and use of business applications, information management, information technology, and telecommunications. Reading and writing of business documents, such as routine letters and emails, specialized letters, memoranda, brochures, articles, workplace and management books, and reports, should be emphasized. Students will develop skills in the practical principles of grammar, punctuation, and vocabulary needed in business transactions. They will also practice and gain skills in speaking, listening, and communicating nonverbally in a business environment. Teaching approaches include the use of group discussion, role play, case studies, guest speakers from various business fields, and business-oriented application exercises.

College Writing**

1 year

1 credit

This course covers the fundamentals of college writing, including expository essay patterns and argumentative essay writing. Emphasis is placed upon developing a coherent thesis, writing concisely, and adapting the student's writing to a particular audience. In addition, it fosters an appreciation of diversity, analyzing how unique perspectives shape reading, writing, and critical thinking. This course also addresses the proper use of grammar, appropriate word choice, coherence strategies, and strong, active academic writing. This course is approved for *College in the Classroom* credits.

Creative Writing**

Semester

.5 credit

Creative writing is designed for the learner who enjoys putting his/her imagination to work on paper. Writers will focus on creative fiction and creative nonfiction. Techniques covered include description, figurative language, sensory details, point-of-view, character development, and conflict. Learners will be expected to read short works/excerpts from various genres and discuss how the authors used these techniques. Learners will apply these concepts in writing projects like the short story, poetry, and personal narrative. The class sessions will consist of writing time, peer critique groups, self-edits, and individual conferences with the instructor. This course is approved for *College in the Classroom* credits.

English Review

1 year

1 credit

These are English courses for students in grades 10, 11, and 12. Only learners who have failed an English course, have an IEP, or have extenuating circumstances approved by administration requiring these courses may be scheduled in this course. Technical reports, job applications, job interviews, spelling, grammar, and basic communication skills are emphasized.

10th - 12th English/Communications Course Descriptions

English pathway courses continued.

Literature & Communications

1 year

1 credit

Prerequisites: ELA 9, English Language and Literature

The theme of exploring one's personal identity is the thread that is woven through our work with literature and composition. While attempting to expose students to a wide variety of writing genres and styles in preparation for post-secondary and workplace writing, writing assignments are connected to aspects of each student's life as well as to the literature currently being read. The literature will not focus on a specific era or period but will offer students the opportunity to study a wide variety of authors and genres.

Literature & Research

1 year

1 credit

Prerequisites: ELA 9, English Language and Literature

This course will offer students a survey of American Literature from the Puritans to the 21st century. Students will analyze and discuss a series of short stories, nonfiction, and poetry, focused mainly on contemporary American authors and poets essential to building an understanding of our American literary heritage. Students will also produce a research paper and a poetry portfolio as they progress through these literary landscapes.

Public Speaking**

Semester

.5 Credit

This course develops communication skills necessary to analyze verbal discourse and to perform effectively in public speaking situations that confront the educated person. It emphasizes the importance of standpoint and worldview in understanding, developing, and articulating positions. Learners will spend the semester developing and refining their speaking and listening skills. As speakers, they will study informational and emotional aspects of language and understand the impact their words have on others. As listeners, they will offer constructive criticism. Learners will consider the audience, purpose, and occasion in order to prepare a variety of speeches and presentation styles including first impressions, impromptu speaking, product demonstrations and sales pitches, elementary storytelling, and presenting research. This course is pending approval for *College in the Classroom* credits.

10th - 12th Mathematics Course Descriptions

MATHEMATICS

Choose 1 required credit.

Geometry

1 year

1 credit

Prerequisite: Algebra I

Geometry is a unified academic course in two-dimensional geometry offered to students who have successfully completed Algebra. The course is offered to adequately prepare the academic student in the areas of deductive proof and logical reasoning. Emphasis is placed on the methods of proof and the building of a foundation for logical, deductive, and inductive reasoning in all areas of study. Algebraic techniques and applications to geometry will be emphasized and used extensively. A scientific calculator is required.

Integrated Math I

1 year

1 credit

Prerequisite: Algebra I or Applied Algebra I

Integrated Math I provides learners with experiences that introduce and reinforce topics from algebra, geometry, and statistics through a balanced approach of analytical, algebraic, numerical, graphical, and verbal methods. The course covers polygons, measurement, systems of linear equations, probability, statistics, right triangles, polynomials, quadratic functions, and trigonometry. Learners will explore math related to career and post-secondary pathways.

Mathematics Pathway Courses

Students must successfully complete 2 additional credits for graduation requirements.

**** Course can receive college credit.**

Accredited College Course **

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval of the building principal and must be aligned with their career pathway. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded.

Accounting II**

1 year

1 credit

This advanced course expands on the topics learned in the first year course while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. The study of the second year of accounting helps qualify students for jobs and careers at higher levels than a one-year study would allow. It is also an excellent background and preparation for college business and accounting courses and business majors. In addition, the cost, budgeting, and financial analysis topics are useful tools for the new entrepreneur. Some of the special features of this course include: Business Ethics, Careers in Accounting, Personality Profiles, Spreadsheet Options, and Applied Mathematics. Workbook problems and a business simulation project are used for a practical approach to learning. Included are journals, ledgers, cash payments, sales, accounts receivable and payable, business reports, payroll records, and taxes. This course is pending approval for *College in the Classroom* credits.

10th - 12th Mathematics Course Descriptions

Mathematics pathway courses continued.

Advanced Placement Calculus AB** 1 year 1 credit
Prerequisites: Precalculus

This course is offered to students who have successfully completed the academic mathematics track up to and including Precalculus. The course is offered to prepare the students for college mathematics, especially those students interested in business, the sciences, mathematics, computer science, or engineering. The subject matter includes limits and their properties, differentiation, applications of differentiation, integration, logarithmic, exponential, and other transcendental functions. This will be an intensive, fast-paced course with commensurate homework. There is an emphasis on conceptual understanding and working with functions represented graphically, numerically, analytically, and verbally. Students must complete a summer assignment and will be tested on this assignment on the first day of class. This course earns college credit through Mount Aloysius and/or students may take the AP exam.

Advanced Placement Calculus BC** 1 year 1 credit
Prerequisites: AP Calculus AB

The AP Calculus BC course is an extension of the AP Calculus AB course. Topics will include integration techniques, infinite series, conics, parametric equations, polar coordinates, slope fields, and differentials. This is a college-level course that follows the College Board Advanced Placement curriculum and syllabus. This will be an intensive, fast-paced course with commensurate homework. Students must complete a summer assignment and will be tested on this assignment on the first day of class. The goal of AP Calculus BC is a thorough preparation for the Advanced Placement exam and college calculus courses. Please note: Students electing this course should be self-motivated to learn and to achieve a deeper understanding of mathematics. This course earns college credit through Mount Aloysius and/or students may take the AP exam.

Algebra II 1 year 1 credit
Prerequisite: Algebra I, Geometry (can be taken concurrently with Geometry)

Algebra II forms the basis for all upper-level mathematics courses, so this course is crucial in helping the student gain the skills needed for further study of mathematics. Topics that were first introduced in Algebra will be built upon and applied to problems that require higher-order thinking skills. Students will be challenged by new concepts that require graphing skills, function analysis, solving higher order equations, and investigating complex number systems.

Algebra Review 1 year 1 credit
Prerequisite: Algebra I, Principal approval

This course is designed for students to review and remediate skills needed to pass the Algebra Keystone Exam in order to meet PA state graduation requirements if they are unable to meet another graduation pathway requirement.

Business Math 1 year 1 credit
Prerequisite: Algebra I, Geometry, or Integrated Math I

Students who are interested in pursuing a degree in marketing, accounting, finance, or business administration should consider taking Business/Financial Math. This course introduces students to the mathematical concepts and applications necessary for successful business careers. Topics will include finance charges, cash discounts, commissions, payroll, tax deductions, depreciation, book value, compound interest, net present value, annuities, statistics, and graphs.

10th - 12th Mathematics Course Descriptions

Mathematics pathway courses continued.

College Algebra/Probability and Statistics**

Prerequisite: Algebra I, Geometry, Algebra II 1 year 1 credit

College Algebra is designed to continue to build the mathematics skills and background of the student who is planning on attending college but is not taking calculus. Students planning a technical career will also benefit from this course. The course emphasis is on building algebra skills and knowledge. Probability and Statistics will include a variety of activities that guide students to discover statistical concepts, explore statistical principles, and apply statistical techniques through the analysis of genuine data, interaction with each other, with the teacher, and with technology. Students will be required to collect data, make predictions, read studies, analyze data, discuss findings, and write explanations. The skills acquired through Probability and Statistics will foster the development of the critical thought required for the high-tech, media-oriented world in which we live and enable the student to become a skillful and cautious decision-maker. A scientific calculator is required. This course is pending approval for *College in the Classroom* credits.

Consumer Math

1 year 1 credit

Prerequisites: Algebra I, Integrated Math I

Consumer Math uses practical mathematical techniques that are used in everyday life. This may include a review of elementary arithmetic, fractions, decimals, and percentages. Algebra may also be included in the context of solving basic practical business problems. Topics will include personal income, budgeting, taxes, insurance, housing, investments, etc. The math will focus on real-world applications of mathematical principles.

Integrated Math II

1 year 1 credit

Prerequisite: Algebra I, Integrated Math I

Integrated Math II provides learners with experiences that introduce and reinforce topics from algebra, geometry, and statistics through a balanced approach of analytical, algebraic, numerical, graphical, and verbal methods. The focus of the course is linear equations and inequalities, systems of linear equations, similar triangles, probability, statistics, perimeter, area and volume of plane figures, polynomials, quadratic functions, and trigonometry. Learners will be encouraged to develop math projects related to career pathways.

Personal Financial Wellness**

Semester .5 credit

This course analyzes the personal and financial situations that confront individuals in our society today. Topics include basic economics as it relates to individuals, budgeting and financial planning, renting versus owning a home, home financing options, purchasing versus leasing a vehicle, savings and borrowing techniques, liability and health insurance options, investment planning and strategies, retirement and estate planning, and the safety and security implications of purchasing items over the Internet. This course is pending approval for *College in the Classroom* credits.

Pre-Calculus**

1 year 1 credit

Prerequisite: Algebra I, Geometry, Algebra II

Pre-Calculus is an advanced mathematics course that uses meaningful problems and appropriate technologies to build upon previously learned mathematical concepts to develop the underpinnings of calculus. Pre-Calculus closely examines functions (including polynomial, rational, logarithmic, exponential, and trigonometric), analytical trigonometry, conic sections, series and sequences, and basic probability. Graphing calculators will be used regularly to teach and assess topics presented in the course. Upon successful completion of the course, students will be prepared to take calculus and other higher-level mathematics courses. A scientific calculator is required. This course is pending approval for *College in the Classroom* credits.

10th - 12th Mathematics Course Descriptions

Mathematics pathway courses continued.

Sports Analytics and Statistics

Semester

.5 credit

This course will introduce students to statistical reasoning in the context of sports. Students will use four steps of the statistical process in the context of sports: ask questions, collect data, analyze data, and make conclusions. Each chapter will begin with a sports-related statistical question and then students will learn how to collect appropriate data, how to analyze the data, and how to make reasonable conclusions. Statistical concepts such as exploratory data analysis, hypothesis testing, experimental design, and probability will be developed to answer interesting sports-related questions.

10th - 12th Science Course Descriptions

SCIENCE

Required if not taken in 9th grade.

Biology

1 year

1 credit

Biology is a full-year course required for all students to graduate. Academic Biology includes the following topics: biochemistry, cells, homeostasis and transport, photosynthesis, cellular respiration, cell reproduction, genetics, nucleic acids and protein synthesis, evolution, microorganisms, plants, invertebrates, and human biology. The Biology Keystone Exam is taken in May for all students enrolled in this course.

Science Pathway Courses

Students must successfully complete 2 additional credits for graduation requirements.

**** Course can receive college credit.**

Accredited College Course **

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval of the building principal. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded.

Advanced Placement Biology

1 year

1 credit

Prerequisites: 3.5 GPA in Biology and Chemistry, and Physics (may be taken at the same time)

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Some AP students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. The AP biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. A summer assignment will be given and is due the first day of class.

Anatomy & Physiology

1 year

1 credit

Prerequisites: Biology with a "C" or better.

This course is designed to develop an understanding of the concepts of anatomy and physiology as it relates to the human body. Anatomy is the study of structures and shape of the body and body parts and their relationship to one another. Physiology is the study of how the body and its parts work and their interconnections. Students interested in pursuing careers in health-related fields, such as nursing, medicine, sports training, physical therapy, occupational safety, and dietetics should consider this elective.

10th - 12th Science Course Descriptions

Science pathway courses continued.

Biology II

1 year

1 credit

Prerequisites: Biology and Chemistry I (with at least a “C” average in both courses)

Biology II is a continuation of the concepts covered in Biology. The course is designed for students who have demonstrated advanced interest and knowledge in science. This course would be appropriate for students considering a science-related career or continuing their post-high school education in a science field. Biology II is a more in-depth study of the science of biology. The course will require students to dissect a series of animal specimens.

Chemistry + Lab

1 year

1 credit

Prerequisites: Biology, Algebra I

Chemistry is the study of the composition and properties of substances and the changes that such substances can undergo. Chemistry is often considered the central science because it overlaps other sciences. This course will provide an overview of the basics needed to provide depth of understanding in chemistry. This course is designed for the average or above-average student. A variety of topics are covered and a lab is given each week. The emphasis in the course is on theory and problem-solving.

Chemistry II + Lab

1 year

1 credit

Prerequisites: Biology, Chemistry I (with at least a “C” average in both courses)

Chemistry II is offered every other year beginning in 2022-23. Chemistry II is designed for learners who are interested in careers related to science, engineering, or a medical-related field. Topics covered include solutions, thermodynamics, chemical kinetics, equilibrium, acid-base chemistry, oxidation/reduction, electrochemistry, and organic nomenclature. Students will learn to evaluate and think critically about chemical situations to produce answers instead of memorization. Chemistry II includes a laboratory program as an integral part of the course. Students will work on developing a deeper understanding of laboratory procedures and writing reports.

Environmental Science Issues

1 year

1 credit

Prerequisites: Biology

Environmental Science Issues is a course designed to investigate conflicts between a growing human society and the natural processes of Earth in ways that are hands-on, argumentative, and reflective in nature. Students will explore topics such as global biodiversity loss, global climate changes, current human resource consumption, population growth patterns, sustainable agricultural practices, resource sustainability, environmental influence on socioeconomics, and a broad set of potential solutions to the aforementioned topics. Issue analysis, experimental design, field research, and environmental literacy reviews will be highlighted experiences for students as they develop and conduct environmental investigations as they look into ways to help mitigate the environmental issues found across the planet.

Integrated Science

1 year

1 credit

Prerequisites: Biology

This course is offered as an alternative to chemistry and is recommended for academically average students who are not planning on majoring in science or attending a four-year post-secondary institution. This is a survey science course that introduces the broad spectrum of scientific study while developing reading and math skills. This course integrates physics, chemistry, earth science, and space science. This course begins with chemistry and builds to physics allowing students to apply the math they have learned as they progress.

10th - 12th Science Course Descriptions

Science pathway courses continued.

Natural Resources and Ecology

1 year

1 credit

Prerequisites: Biology

The Natural Resources and Ecology course is a foundation course within the CASE sequence of courses. The course provides students with a variety of experiences in the fields of natural resources and ecology. Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy use, and care, as well as a focus on issues surrounding man's interaction with the Earth, will be addressed in this course

Organic Chemistry

1 year

1 credit

Organic Chemistry is designed for learners who are interested in careers related to science, engineering, or a medical-related field. It is designed to be a foundation course for college Organic Chemistry. The emphasis of the course is on naming organic compounds, learning the properties of different classes of compounds, and producing mechanisms to show reactions. Topics covered include nomenclature, stereochemistry, mechanisms, synthesis reactions, eliminations reactions, and chemical structures. Organic includes a weekly laboratory component as an integral part of the course. Students will work on developing a deeper understanding of laboratory procedures, writing reports, and designing their own experiments.

Physics + Lab**

1 year

1 credit

Prerequisites: Algebra II, Biology

This course is designed for the average or above-average student. A variety of topics are covered in the classroom and the lab, which is given each week. This course could be considered either as a terminal course in physics or would fulfill a college requirement for a high school lab physics course. The emphasis in the course is on problem-solving and the relationships of topics in physics to each other. Students should have a scientific calculator. This course is approved for *College in the Classroom* credits.

Wildlife Ecology

1 year

1 credit

Prerequisites: Biology, Integrated Science and/or Physics

Wildlife Ecology focuses on wildlife species around the world, and on the environmental issues that are impacting them. Species receiving attention are well-known international species (such as tigers, elephants, whales and dolphins, polar bears, and the rhinoceros), species of national concern or interest (such as wolves, grizzly bears, Pacific salmon, and the bald eagle), and species directly related to Pennsylvania (such as white-tailed deer, elk, black bears, wild turkeys, and the fisher and otter reintroduction programs). Issues and activities affecting wildlife will be emphasized and discussed, including the destruction of forest habitats, loss of wetlands, wildlife management, ocean pollution and commercial fishing, poaching and illegal trade in animal parts and products, forestry, climate change, and the critical importance of biodiversity.

10th - 12th Social Studies Course Descriptions

SOCIAL STUDIES

Choose one as a required Social Studies credit.

World History

1 year

1 credit

World History is a survey course that covers the Modern World from 1400 to the present. The emphasis is on European History with a World perspective. Units include Renaissance, Reformation, Enlightenment, Absolutism, Revolutions, Democracies, Unification of Italy and Germany, WWI, Depression, WWII, Cold War Era, and case studies of development, as well as world geography.

Honors World History**

1 year

1 credit

Prerequisites: 3.5 GPA overall

Honors World History is an advanced Social Studies option for students seeking a more in-depth study and discussion of history and those students considering taking Advanced Placement courses in the future. The course will cover the Modern World from 1400 to the present. The emphasis is on European History with a world perspective. Students will do a considerable amount of outside reading from the college-level textbook used in the course, as well as primary sources. The instructor will assign a summer assignment to prospective students, which will be due on the first day of class. This course is approved for *College in the Classroom* credits.

Civics

Semester

.5 credit

This course is required for students who did not pass (70% or greater) the state-required civics assessment completed at the end of the United States History course taken during their 9th-grade year. Civics, along with Economics may also be taken to fulfill a social studies pathway credit.

Learning about civics gives students the skills and knowledge necessary to be active citizens who have a positive impact on their communities. In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state, and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Engaging in this study prepares students to be informed citizens.

Social Studies Pathway Courses

Students must successfully complete 2 additional credits for graduation requirements.

**** Course can receive college credit.**

Accredited College Course **

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval from the building principal. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded.

10th - 12th Social Studies Course Descriptions

Social Studies courses continued.

Advanced Placement United States History 1 year 1 credit
Prerequisites: Honors World and/or Honors American History preferred, 3.5 GPA Social Studies

Advanced Placement United States History is intended to be the equivalent of a college-level introductory course. This two-semester course traces U.S. History from the Age of Explorers to the present. Significant themes drawn from political, diplomatic, cultural, social, and economic history are studied. AP United States History is for very serious students. The reading is college level and there is a lot of it. There will be several required papers on various topics. Tests are both objective and essay, but essays will be emphasized. This class will give students a good idea of what to expect in a college course. The instructor will give a summer assignment to prospective students, which will be due on the first day of class.

Advanced Placement United States Government and Politics** 1 year 1 credit
Prerequisites: Honors World and/or Honors American History preferred, 3.5 GPA Social Studies

Advanced Placement United States Government is intended to be the equivalent of a college-level introductory course. Students will analyze and evaluate current and past constitutional issues as well as explore institutions of government, political behavior, and public policy. Special emphasis will be placed on the government's relationship to the economy. The instructor will give a summer assignment to prospective students, which will be due on the first day of class. This course earns college credit through Mount Aloysius and/or students may take the AP exam.

American Conflicts 1 year 1 credit

American Conflicts concentrates on the causes, events, and consequences of the first and second World Wars, as well as the Korean and Vietnam Conflicts. Units of study will also include the conflicts in the Middle East and the recent "war on terrorism". Students will be placed in the shoes of great military leaders of these conflicts, be there with the troops as they battle Hitler, and island-hop with the Marines through the Pacific. Students will take an in-depth look at the reasons why President Truman decided to drop "the bomb," the horrors of the Holocaust, and wars' effects on society today.

Civics Semester .5 credit

Learning about civics gives students the skills and knowledge necessary to be active citizens who have a positive impact on their communities. In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state, and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Engaging in this study prepares students to be informed citizens. **This course is required for students who did not pass (70% or greater) the state-required civics assessment completed at the end of the United States History course taken during their 9th-grade year.**

Economics Semester .5 credit

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the basics of micro and macroeconomics, the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, and inflation and deflation cycles. The course will relate history, geography, politics, and mathematics to the study of economics. The goal of this course is to help students to become better informed and more active US citizens.

10th - 12th Social Studies Course Descriptions

Social Studies courses continued.

US Government and Politics

1 year

1 credit

Prerequisites: United States History, World History

U.S. Government and Politics is a full-year course. History learned in previous courses will provide context as we explore the structure and function of the United States and, most importantly, the role of the citizen in our system. Through readings and in-depth discussions, via contemporary events and constitutional issues, we will explore our political system. This is an issues-oriented discussion-based class, which calls for the development of individual and group research skills that are necessary for any student to develop into a responsible and productive citizen. Heavy emphasis is placed on reading, research, and writing in the class assessments.

10th - 12th Required Course Descriptions

The courses listed below are required for graduation credit.

HEALTH & PHYSICAL EDUCATION

Health & Fitness II

Semester

.5 credit

This class will fulfill the health requirement for graduation. The class consists of content related to health and wellness, body systems, disease prevention, nutrition, and overall healthy living. Content will also consist of information pertaining to human sexuality and pregnancy prevention. Grading is based upon a points system that will include in-class activities, group assignments/presentations, and written tests. Students are encouraged to participate in class discussions and additional assignments completed outside of class that will strengthen the learning experience. Students will develop a fitness plan and log hours for the PE component of this course.

Choose 2 additional Health & Physical Education courses

Semester

.5 credit

Students are required to participate in Physical Education every year. When not enrolled in Health & Fitness II, students must select a course or alternative PE pathway from the Physical Education course offerings listed on pages 38 and 39 of the coursebook. **Students attending ICTC are exempt from .5 PE credits, so will choose only 1 additional course.**

TECHNOLOGY EDUCATION

21st Century Technology & Communications

Semester

.5 credit

This is a semester course required for all students in 10th grade. The focus of the course is to provide learners with the opportunity to develop essential workplace skills while exposing them to various technologies available. Specifically, learners will work on projects and assignments that are designed to enhance their communication, critical thinking, and collaboration skills. The goal is to prepare learners to use technology responsibly and effectively and to prepare them for life after high school.

Choose 1 Advancing Technology Course

Semester

.5 credit

Students are required to participate in one additional technology course listed within the Technology course offerings on pages 34-36 of the coursebook. A semester course will suffice for graduation requirements. **Students attending ICTC are exempt from this requirement.**

FAMILY CONSUMER SCIENCE

Successful Living

Semester

.5 credit

The "Successful Living" course content includes information pertaining to financial management, credit awareness, job interview skills, communication, and relationship and parenting skills. This course is designed to empower individuals to meet the challenges encountered in everyday life. The topics covered and the knowledge gained during the course are intended to provide students with the life skills needed to successfully begin an independent life in the working world.

10th - 12th Additional Pathway Credits



ADDITIONAL PATHWAY CREDITS

Students must complete 8 Additional Pathway credits to meet graduation requirements. 2 of those credits must be in Arts, Humanities, and/or Language.

Accredited College Course **

1 credit

Students in 11th and 12th grades may earn credit toward graduation requirements for completion of planned courses of study through enrollment at higher education institutions approved by the Commonwealth of Pennsylvania or other accredited higher education institutions, including those offering online courses. Learners must obtain prior approval from the building principal. The request must include the name of the course to be taken, a general description of the course, the length of the course, the name of the institution providing the course, and credit to be awarded at completion. Any costs for such courses will be the responsibility of the learner or his/her parents or guardians. An official transcript of the course grade verifying a passing grade must be provided in order for graduation credit to be awarded.

Internship Experience

1 year

2 credits

The Senior Internship Program is a pathway course designed to provide differentiated opportunities to a select number of senior learners to participate in career exploration and build college and career readiness through meaningful experiences and hands-on learning in a professional setting. Upon successful completion of the program, learners receive 2 credits towards graduation and a grade based in accordance with the Marion Center Area School District grading scale. Learners are required to submit weekly journal entries, weekly logs of their hours, complete a culminating project reflecting on their experiences, and receive an informal evaluation from their onsite mentors. Learners will need to be able to demonstrate an ability to reflect on their experiences, learn from mistakes, challenge themselves, grow through adversity, ask questions, and show an increased awareness of interpersonal and professional skills. Learners will also show the ability to demonstrate soft skills acquired through the placement. Internship placements vary based on learner interests and the availability of quality placements that are willing and able to collaborate with the program.

Work Experience

1 year

2 credits

Students planning to enter the workforce directly out of high school may qualify for a work-study placement during their junior and/or senior year. Students are required to fulfill the requirements of a responsible employee and develop on-the-job career skills. Students will be evaluated each semester and job-based goals will be developed based upon the student's individual needs for development.

10th - 12th Additional Pathway Credits

AGRICULTURAL SCIENCE

Agricultural Power and Technology I/II

1 year

2 credits

Prerequisites – Introduction to AFNR is recommended.

This course is an 80-minute shop course and earns 2 course credits. Students apply technical skills while becoming competent in the process used to operate, repair, engineer, and design agricultural tools and equipment. Every lesson is aligned to national standards for agriculture, science, mathematics, and English language arts. *Agricultural Power and Technology* areas of study include: Shop Safety, Tool Operation, Materials Selection & Use, Fabrication, Energy & Power, Machines, Machinery Management, Engineering, and Technology Applications.

Agriculture Production Science I/II

1 year

1 credit

Prerequisites - Introduction to AFNR is recommended, but not required.

The purpose of this course is to prepare motivated students for advanced agricultural studies on the university level or immediate entrance into a career in the agriculture industry. This course is designed for individuals with a background in agriculture and/or who have a sincere interest in the agriculture industry. Students enrolled in this course will study agriculture sciences with emphasis placed on animal science, agriculture engineering, and computers in agriculture. Students will participate in many hands-on activities, experiments, and educational field trips to reinforce learned concepts.

Environmental Science Issues

1 year

1 credit

Prerequisites: Biology

Environmental Science Issues is a course designed to investigate conflicts between a growing human society and the natural processes of Earth in ways that are hands-on, argumentative, and reflective in nature. Students will explore topics such as global biodiversity loss, global climate changes, current human resource consumption, population growth patterns, sustainable agricultural practices, resource sustainability, environmental influence on socioeconomics, and a broad set of potential solutions to the aforementioned topics. Issue analysis, experimental design, field research, and environmental literacy reviews will be highlighted experiences for students as they develop and conduct environmental investigations as they look into ways to help mitigate the environmental issues found across the planet. This course also earns a Science pathway credit.

Introduction to Agriculture, Food, and Natural Resources

1 year

1 credit

This course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agricultural science and natural resources. Students participating in this course will experience hands-on activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning.

10th - 12th Additional Pathway Credits

Agricultural Science pathway courses continued.

Principles of Agricultural Science—Animal 1 year 1 credit

Prerequisite: Introduction to AFNR is recommended, but not required.

This course is a foundation-level course engaging students in hands-on laboratories and activities to explore the world of animal agriculture. During the course, students develop a comprehensive Producer's Management Guide for an animal of their choice. Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers.

Principles of Agricultural Science I —Plant (Horticulture/Floriculture I) 1 year 1 credit

Prerequisites - Introduction to AFNR is recommended, but not required.

One of the most rapid growth areas in the field of agriculture is that of horticulture. This course explores the basic principles of horticulture and floriculture. The course will examine careers, the cultivation of specific crops, and plant propagation. In addition, up-to-date information on pesticides, taxonomy, and floral design will be presented. Students completing the course will have practical experiences producing crops in the Jennifer Lydic Greenhouse. This will prepare those students for an active career in horticulture and floriculture.

Principles of Agricultural Science II—Plant (Horticulture II/Floriculture II) 1 year 2 credits

Prerequisites - Horticulture/Floriculture I

This course is an 80-minute shop course and earns 2 course credits. Horticulture II is designed to build on fundamental horticulture principles. Care will be taken to treat highly technical subjects such as plant propagation, micropropagation, and taxonomy. Hydroponics and aquaculture will be teamed to produce crops using new and up-to-date technologies. Special areas, including the creation of terrariums and floral design, will be developed. In addition, pesticide safety and the protection of human beings and the environment will be addressed. This Horticulture II course will incorporate all of the above-mentioned skills and landscape design techniques into school and community projects.

SAE: Supervised Agricultural Experience 1 year 1 credit

This course is set up as an Independent Study. This course will help to enhance career awareness and skill development while preparing students for post-secondary education or job placement. A student may be involved with entrepreneurship or work experience. Areas of focus include budget estimates, record keeping, inventory, depreciation, approved practices, and efficiency factors. In addition, students will gain an appreciation of agriculture through production or service to the industry.

Natural Resources and Ecology 1 year 1 credit

Prerequisites: Biology

The Natural Resources and Ecology course is a foundation course within the CASE sequence of courses. The course provides students with a variety of experiences in the fields of natural resources and ecology. Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy use and care, as well as a focus on issues surrounding man's interaction with the Earth, will be addressed in this course.

10th - 12th Additional Pathway Credits

Agricultural Science pathway courses continued.

Wildlife Ecology

1 year

1 credit

Prerequisites: Biology

Wildlife Ecology focuses on wildlife species around the world, and on the environmental issues that are impacting them. Species receiving attention are well-known international species (such as tigers, elephants, whales and dolphins, polar bears, and the rhinoceros), species of national concern or interest (such as wolves, grizzly bears, Pacific salmon, and the bald eagle), and species directly related to Pennsylvania (such as white-tailed deer, elk, black bears, wild turkeys, and the fisher and otter reintroduction programs). Issues and activities affecting wildlife will be emphasized and discussed, including the destruction of forest habitats, loss of wetlands, wildlife management, ocean pollution and commercial fishing, poaching and illegal trade in animal parts and products, forestry, climate change, and the critical importance of biodiversity. This course also earns a Science pathway credit.

ART

Art I

1 year

1 credit

This course is devoted as an introduction to art for all students with an interest in visual arts. The emphasis in the course is placed on working at the level of the student and helping the student to explore their creativity and abilities in the arts. Drawing skills and techniques, color terminology, and color schemes, as well as the visual effects of color, will be explored to further develop artistic skills. Throughout this course, the students will enjoy exploring different art-making techniques such as drawing, painting, printmaking, and sculpture.

Art II

1 year

1 credit

Prerequisites: Art I

This course is designed for students who have successfully completed Art I. The course includes in-depth aesthetic measures of two-dimensional design, drawing, painting, printmaking, mixed media, and commercial art, as well as three-dimensional construction through sculpture. The emphasis in this course is placed on working at the level of the student to develop abilities to understand advanced artwork. Students are expected to approach this course with determination to contribute original artwork on a sophisticated level of achievement, originality, and creativity. Sketchbook assignments are given on a weekly basis and are an integral part of the course.

Art III

1 year

1 credit

Prerequisites: Art II

This course is designed for students who have completed Art II and would like to further develop and investigate their artistic skills. The students are encouraged to explore the various available materials to meet the needs of the developing artist. The students will further develop their sophisticated art styles. This course is recommended for students with a serious interest in the arts with the possibility of a future career in art or a related field. Sketchbook assignments are given on a weekly basis and are an integral part of the course.

Art IV

1 year

1 credit

Prerequisites: Art III

This course is designed for students who have completed Art III and would like to advance in their artistic abilities and personal style. Students must have serious intent and talent for art and be willing to pursue art as a career or in a related field. The course includes individual instruction and guidance to develop originality and creativity. Emphasis is placed on portfolio work and continuing education in the arts. Sketchbook assignments are given on a weekly basis and are an integral part of the course.

10th - 12th Additional Pathway Credits

Art courses continued.

Crafts

Semester

.5 credit

This course includes a variety of art processes and areas that range from handicrafts to specialization within individually selected art activities. General group activities include metal foil tooling, printing, assemblages, collages, mixed media sculptures, stained glass and carving, cast metal ornamentation, fabric painting, tie-dyeing, and fabric weaving.

Painting

Semester

.5 credits

This course is designed to introduce the basic elements of painting to students with little or no experience. Students will work with acrylic colors and will explore the many ways paint can be handled. Instruction will be given on the preparation of materials, and specific exercises will be given so that students will explore color, light, texture, transparency/impasto, and composition. Exercises become more complex as students work from initial sketches to more developed pieces.

Pottery I

1 year

1 credit

This course includes hand building, wheel throwing, molding, casting, coiling, and slab clay construction methods. Students will become aware of the physical properties of clay and glazes. This studio course instruction is directed to the beginner potter, using group instruction when it is appropriate and more often individual instruction as the need arises. Students are issued a student handbook with vocabulary, objectives, and course requirements.

Pottery II/III

1 year

1 credit

Prerequisites: Pottery I

This course is designed for students who have successfully completed Pottery I and would like to advance in the total clay process, which includes hand building and wheel throwing. Students have weekly assignments with individual instruction and demonstrations. This studio course concentrates on creativity and craftsmanship in clay.

BUSINESS & TECHNOLOGY

Business pathway courses.

Accounting I

1 year

1 credit

Since students must master money management and understand the importance of keeping adequate records, this elective course provides skills for personal use while preparing students to pursue accounting as a major in post-secondary education. Learning accounting fundamentals will also give class members exposure to the world of finance as a career and will provide an overview of decision making based on the principles of money management. This course should be taken if students are planning to obtain a college business degree.

Accounting II

1 year

1 credit

This advanced course expands on the topics learned in the first year course while adding new topics about management accounting, cost accounting, not-for-profit accounting, and financial analysis. The study of the second year of accounting helps qualify students for jobs and careers at higher levels than one year of study would allow. It is also an excellent background and preparation for college business and accounting courses and business majors. In addition, the cost, budgeting, and financial analysis topics are useful tools for the new entrepreneur. Some of the special features of this course include: Business Ethics, Careers in Accounting, Personality Profiles, Spreadsheet Options, and Applied Mathematics. Workbook problems and a business simulation project are used for a practical approach to learning. Included are journals, ledgers, cash payments, sales, accounts receivable and payable, business reports, payroll records, and taxes.

10th - 12th Additional Pathway Credits

Business pathway courses continued.

Introduction to Business

1 year

1 credit

Introduction to Business is designed to introduce students to the world of work and business, enable them to explore a variety of business career opportunities, and provide an understanding of human relations and employability skills. Class members will become acquainted with the skills, abilities, and attitudes necessary for successful job performance. This course enables students to develop career decision-making skills and will encourage them to consider additional business training. Major topics include the world of work, entrepreneurship, banking, accounting, marketing, and work-related topics including work ethics, employer expectations, communication, and the various aspects of a business.

Business Communications

1 year

1 credit

This course provides students with the skills needed to be successful in a business organization. Students will study common business correspondence, including the correct form and use of business applications, information management, information technology, and telecommunications. Reading and writing of business documents, such as routine letters and emails, specialized letters, memoranda, brochures, articles, workplace and management books, and reports, should be emphasized. Students will develop skills in the practical principles of grammar, punctuation, and vocabulary needed in business transactions. They will also practice and gain skills in speaking, listening, and communicating nonverbally in a business environment. Suggested teaching approaches include the use of group discussion, role play, case studies, guest speakers from various business fields, and business-oriented application exercises.

Business Math

1 year

1 credit

Prerequisite: Algebra I or Applied Algebra I, Geometry or Integrated Math I

Students who are interested in pursuing a degree in marketing, accounting, finance, or business administration should consider taking Business/Financial Math. This course introduces students to the mathematical concepts and applications necessary for successful business careers. Topics will include finance charges, cash discounts, commissions, payroll, tax deductions, depreciation, book value, compound interest, net present value, annuities, statistics, and graphs.

Personal Financial Wellness

Semester

.5 credit

This course analyzes the personal and financial situations that confront individuals in our society today. Topics include basic economics as it relates to individuals, budgeting and financial planning, renting versus owning a home, home financing options, purchasing versus leasing a vehicle, savings and borrowing techniques, liability and health insurance options, investment planning and strategies, retirement and estate planning, and the safety and security implications of purchasing items over the Internet. This course is pending approval for *College in the Classroom* credits.

Marketing

Semester

.5 credit

Students who are interested in sports and business will find this to be an exciting class. During this course, students will learn Management and Marketing principles while applying them to sports and entertainment organizations. They will learn how to plan, organize, lead, and control techniques to manage organizations. Also, the students will learn about school and intercollegiate athletics, professional sports, sports marketing, facilities planning, accounting and finance in sports and entertainment, and sports law and sports agents. As well as learning about these concepts, students will also discuss emerging issues and current events in sports and entertainment venues management and marketing.

Securities and Investments

1 Year

1 credit

This course provides students with the tools necessary to make practical, rational, and informed investment decisions to meet students' financial needs. Students will study money management principles and practices, planning for financial security, and management of credit responsibilities. Stock market simulations, projects, and speakers will develop financial skills for personal, professional, and family well-being.

10th - 12th Additional Pathway Credits

Small Business Management

Semester

.5 credit

The study of small business management enables students to consider ownership as a career path and provides a realistic framework for starting and operating a small business. Learning the fundamentals will increase consumer awareness and knowledge of business operations, which aids students in their personal and professional lives. Major areas of study are planning, organizing, and operating phases of a small business. Students will create a business plan for a small business they would like to own and operate.

ADVANCING TECHNOLOGY COURSES

One of the following courses is required for graduation. Students attending ICTC are exempt from this requirement.

Advanced Computer Applications**

Semester

.5 credit

Prerequisite: Office Suite Applications recommended.

In this course, the students will work toward acquiring Microsoft Office Certification which will benefit them in college and the workforce. The student will work to prepare for the certification exam with an emphasis on Word, Excel, and PowerPoint. The class grade is determined by their performance on assignments that match the objectives of the certification exam. Every student is required to take the certification exams at the end of the course. This course is pending approval for *College in the Classroom* credits.

Introduction to Computer Science

1 year

1 credit

This course is designed for first-year students of Computer Science. The introductory course emphasizes teaching programming logic and design without focusing on one language. By learning programming logic and design provides beginning programmers with a guide to developing structured program logic. This course assumes no programming experience has occurred and programming will be learned by creating 2D animations, art, and games. It introduces programming concepts, such as structure, decision making, looping, arrays, and methods, while enforcing good style and logical thinking.

Computer Science

1 year

1 credit

Suggested Prerequisite: Intro to Robotics/ Intro to Robotics Programming or Intro to Computer Science

This first semester of this course is an introduction to computer programming and software engineering for all learners interested in developing software applications, not just using them. Through a project-oriented approach, learners will create interactive applications and systems using mainly Python coding language. By collaborating in a hands-on environment, learners will develop an understanding of problem-solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms). The second semester of the course is an extension to introductory computer programming and software engineering for all learners interested in developing software applications, not just using them. Through a project-oriented approach, learners will create interactive applications and systems using mainly Python coding language. By collaborating in a hands-on environment, learners will gain knowledge in problem-solving, software design, debugging strategies, and the advanced foundations of computer science (complex data structures, procedures, and algorithms).

10th - 12th Additional Pathway Credits

Advancing Technology courses continued.

Introduction to Graphic and Web Design

1 Year

1 credit

This introductory level graphics and web design course will require students to express themselves creatively through digital media applications. They will learn elements of graphic design techniques that will be used to create interactive products to educate, inform and entertain. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications. An exploration of web design will focus on basic design concepts used in creating Web-based publications. Students will use both a development tool and a content management system to create, view, edit, and manage simple to complex web sites. The course offers an intensive hands-on production through project-based learning and assignments, which include: creating graphic design materials for the school, digital display updates, and web site maintenance.

Google Workspace Certification

Semester

.5 credit

By earning the Google Workspace certification, students prove their ability to complete common workplace activities using cloud-based tools to create and share documents, spreadsheets, presentations, and files. Students will explore all that Google Suite has to offer and how the applications can be used in the workplace for a variety of purposes.

Introduction to Office Suite

Semester

.5 credit

This class will develop basic and advanced skills for creating letters, memos, spreadsheets, charts, databases, and presentations through Microsoft 365 Suite 2010. This course is an excellent choice for any student as Microsoft is used in many career paths. It also is a stepping stone for students wishing to take the Advanced Computer Applications course to become certified in Microsoft Word, Excel, and PowerPoint.

Introduction to Robotics Programming

Semester

.5 credit

The instructional program for Robotics Programming introduces students to basic C++ programming as well as problem-solving strategies using the VEX Robotics brain. This course will involve students in the development and assembly of robots from engineering schematics. Students will work hands-on in teams to build, program, and document their progress. Topics will include drivetrains, motor control, sensors, decision-making, propulsion systems, and autonomy. The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on programming and illustrations of the current state-of-the-art research and applications.

Introduction to Robotics Fabrication

Semester

.5 credit

The instructional program for Robotics Fabrication introduces students to basic electrical engineering and fabrication as well as problem-solving strategies. This course will involve students in the development, building, and fabrication of robotics chassis'. Students will work hands-on in teams to design, build, and document their progress. Students work in teams during the class to design and build 8 lb. combat robots (bots) to battle in a gladiator-style competition from radio-controlled parts. Topics may include motor control, gear ratios, torque, friction, propulsion systems, and locomotive systems. The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on competitive engineering.

Advanced Robotic Programming & Problem Solving

Semester (Fall)

.5 credit

Prerequisite: Introduction to Robotics/ Introduction to Robotics Programming

Students, with guidance from their instructor and mentor, will build innovative robots to compete in the VEX Robotics Competition, presented by the Robotics Education & Competition Foundation. This is an exciting engineering challenge presented in the form of a game. In addition to learning valuable engineering skills, students gain life skills such as teamwork, perseverance, communication, collaboration, project management, and critical thinking.

10th - 12th Additional Pathway Credits

Advancing Technology courses continued.

Advanced Competitive Robotics Semester (Fall) .5 credit
Prerequisites: Introduction to Robotics/ Introduction to Robotics Fabrication

Working with guidance from their teacher and mentors, BotsIQ students work in teams during the academic year to design and build 15 lb. combat robots (bots) to battle in a gladiator-style competition. Students will be prepared to compete in February to test their bots and battle for seedings at the Finals Competition in April. Teams not only earn points for their arena battles but are also evaluated by industry experts on their engineering binder. The team's documentation binder points weigh heavily in the crowning of the competition's Grand Champion. The competitions provide a real-world setting where students develop in-demand, technical skills in mechanical and electrical engineering, machining, and welding, along with 21st-century skills in critical thinking, project management, communication, and teamwork.

Introduction to 3D Printing & Design Semester .5 credit

In this course, students will learn how to be "makers" by using various types of 3D modeling software and imaging equipment, printing actual physical objects that they have designed and modeled themselves, and participating in educational outreach in the university and the community. Desktop 3D printing is today's printing press, putting rapid prototyping, customizable products, and individualized medical appliances in reach of the general public. Literacy in basic 3D modeling and manufacturing is an essential skill for future STEM success in this country.

Advanced 3D Printing & Animation Semester .5 credit
Prerequisites: Introduction to 3D Printing & Design

In this course, students will advance by using various types of 3D modeling software and imaging equipment, printing actual physical objects that they have designed and modeled themselves, and participating in educational outreach in the university and the community. Students will also produce basic animations for engineering tutorial or entertainment purposes, culminating in a short film.

Technology Career Certification.

Google Career Certification 1 year 2 credits
Prerequisites: Seniors working toward a career in technology. Google Workspace Certification recommended.

Students can earn a Google credential that leads to jobs in the fields of IT Support, Data Analytics, Project Management, or UX Design. Students will complete the Google Career Certification online, at their own pace. The course is offered through Coursera. It is self-paced but requires 10 hours per week, for approximately 6 months, to complete the course. Students will be assigned a learning coach through the process. Students will be assigned two periods each day in the online learning area to complete course requirements. Once coursework is completed, internship opportunities through the district will be offered to complete the year. The course cost is \$49 per month and is the responsibility of the learner and/or parent or guardian. Students will have the opportunity to apply for scholarships for coursework.

10th - 12th Additional Pathway Credits

FAMILY CONSUMER SCIENCE

Food & Nutrition

1 year

1 credit

Food & Nutrition will provide basic food preparation skills and the knowledge of safety and sanitation procedures crucial during food preparation. The student will participate in lab experiences that will aid in determining the healthiest food choices, applying alternate food preparation techniques, and utilizing the knowledge of the numerous benefits of healthy lifestyle choices. Students are encouraged to apply their learning to the home environment to maintain a healthy lifestyle.

Child Development

Semester

.5 credit

Child Growth and Development students study the physical, intellectual, social, and emotional development of a child from conception to five years of age. This course teaches parenting and caregiving roles in relation to the developing child as well as guiding them in the learning process. The on-site preschool (Pre-K Counts Program) allows for actual experience in planning and implementing lessons and observing preschool children. This class is a basic foundation course for any student wanting to pursue a career involving children in any capacity (i.e. education, medical, physical therapy, sports, etc.). Depending on the enrollment in this course, it MAY be offered on-line with in-person opportunities.

Mastering Successful Living

Semester

.5 credits

Prerequisite: Successful Living (**Students wanting to take this course must take Successful Living as a junior**).

This course is a continuation and intensification of the skills learned in Successful Living, with the addition of basic food safety and preparation skills. The content offered will provide hands-on, in-depth application and a strengthening of the knowledge base needed for navigating adulthood. Students will participate in various activities that will cover acquiring, building, and monitoring credit from identity theft. Choosing and utilizing lending institutions and the services they offer, creating a realistic budget, refining and perfecting interview and communication and relationship skills, and a four-week segment devoted to food safety and basic meal preparation are the skills developed in this course.

PERFORMING ARTS

Chorus

1 year

1 credit

Chorus is offered to grades 9-12. In this course, students will learn and perform vocal music of many styles and languages. This course is designed to develop skills and talent in vocal music. Students will learn and apply musical concepts using vocal training, ear training, and music theory.

Concert Band

1 year

1 credit

This course is offered to students who possess the ability to perform intermediate to advanced music on a band instrument. Students will perform a wide variety of music while being introduced to increasingly more advanced musical concepts. Students will be required to listen to and analyze their own musical performances as well as those of others. Weekly lessons, as well as two after-school concerts, are included as requirements for this course.

Music Theory I- III

1 year

1 credit

The purpose of this course is to give music students an in-depth knowledge and understanding of how to read music, develop aural skills, compose, analyze, and perform music. Students will be able to use these tools and methodologies to broaden their understanding of music as a whole and improve their own musicianship. This course is designed for the serious music student who is interested in learning more about the basic concepts of music theory and how music is developed. Students will improve their individual musicianship and understanding of all music through studies in all content areas of music theory. This course will also successfully prepare students for entry-level college music theory classes. It is preferred that students are members of one of our music ensembles and it is helpful to read music, but not required. The course can be taken in succession I, II, & III to deepen the learner's knowledge of music theory.

10th - 12th Additional Pathway Credits

Performing Arts courses continued.

Theater Arts/Technical Theater I-III

1 year

1 credit

Theater Arts combines the skills and attributes of a theater workshop, technical theater, and theater performance into one class. Students will learn verbal and nonverbal communication skills while working both independently and cohesively to problem solve. Students will have the opportunity to portray a variety of character types, and to explore many different styles of plays and acting, all while preparing for a wide variety of technical stage crew responsibilities. By exploring theater arts both on and off stage, students will have a wider knowledge and appreciation of the creativity, self-discipline, and collaborative efforts that the course offers through acting, analyzing scripts and characters, and conceptualizing scenes and sets. The course can be taken in succession I, II, & III to deepen the learner's knowledge of theater art, performance, and the technical aspects of theater.

HEALTH & PHYSICAL EDUCATION

Students must take one Health & Physical Education course each year.

Advanced Health and Fitness**

Semester

.5 credit

After completing the health class that is required for all students, many students decide to take advanced health, which goes into more depth about the physical, emotional, and well-being of people. This class gives students more information about different health topics and is usually only taken by those who have a real interest in a variety of health issues. Students entering the health, fitness, or nutrition field would benefit from this class. This course is approved for *College in the Classroom* credits.

Advanced Cardiorespiratory Fitness and Strength Training

Semester

.5 credit

This course is designed to give students the opportunity to learn strength training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive strength training and cardiorespiratory endurance activities. Students will learn the fundamentals of strength and aerobic training, and overall fitness conditioning. The course includes both lecture and activity sessions. Students will be empowered to create workout plans, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Independent Study Physical Education

Semester

.5 credit

The purpose of this class is to earn credit in Physical Education by participating in Marion Center School District supervised programs. Learners must successfully complete **TWO** programs and submit verification documents. Approved programs include all district-sponsored sports, cheerleading, and marching band. Learners that are involved in only one program will not meet class requirements. Outside competitive team sports may be submitted for approval but must be equivalent to district-offered programs' practice and competition standards and will require verification of practice time and participation. This class may only be utilized once during your high school career unless otherwise approved due to scheduling conflicts. This course is a Pass/Fail grade and is not used in calculations for GPA or class rank. It does count toward graduation requirements.

Online Physical Education

Semester

.5 credit

This is an approved course for students who are unable to fit PE into their schedule. The purpose of this class is to allow learners to choose when, where, and how they exercise. With structured guidance, the learner will set personal goals, design a workout/activity program, and evaluate progress. Activity data must be submitted to the instructor through a learner-provided device of choice (phone, watch, app, fitness tracker). Enrolled learners will receive individualized feedback and guidance from the instructor.

10th - 12th Additional Pathway Credits

Health & Physical Education courses continued.

Physical Education (General)

Semester

.5 credit

This consists of emphasizing the MCHS Health and Physical Education Department's mission. That mission includes teaching quality Health and P.E. classes and promoting wellness through fitness, skills, and lifetime activities in a safe environment. Each class consists of a dynamic warm-up, activity, flexibility, and cool down. Some activities include volleyball, pickleball, badminton, golf, archery, fitness topics, yard games, speedball, dance, and tennis. Grading is a collective of participation (units of study and activities of the day), preparation (appropriate dress), and assessments (skill and written). The overall purpose of Physical Education at MCHS is to promote positive health and physical activity habits, encourage lifetime activities, and establish a foundation for positive health and wellness for life.

Lifeguard Training

Semester

.5 credit

Prerequisites: Candidates who desire certification must be 15 years of age on or before the last day of class.

The primary purpose of the American Red Cross Lifeguard Training program is to provide lifeguard candidates with the skills and knowledge necessary to keep themselves, as well as their patrons at aquatic facilities, safe in and around the water. A Lifeguard Training Instructor must test the following swimming prerequisites to enroll in the class: Swim 300 yards or 12 lengths continuously, using the following strokes: 100 yards (4 lengths) of front crawl using rhythmic breathing and stabilizing, propellant kick; 100 yards of (4 lengths) breaststroke; 100 yards (4lengths) of either front crawl using rhythmic breathing or breaststroke. These 100 yards may be a mixture of front crawl and breaststroke. To receive the American Red Cross certification in Lifeguarding, candidates must complete this timed event in 1 minute, 40 seconds: Swim 20 yards using front crawl or breaststroke, surface dive to a depth of 7-10 feet, retrieve a 10-pound object, return to the surface, and swim 20 yards back to the starting point with the object. When returning to the starting point, the candidate must hold the 10-pound object with both hands and must keep his/her face above the water. Exit the water using a ladder or steps. They also must tread water for 2 minutes using only their legs.

Upon successful completion of this course, students will receive American Red Cross certification in Lifeguard Training, CPR for the Professional Rescuer, Standard First Aid, Blood-borne Pathogens, and AED (Automated External Defibrillation). There are nominal fees for the certification cards (\$12 total) earned at the end of the course. One-piece bathing suits are required for females.

Water Mania

Semester

.5 credit

A variety of swimming-related activities will be the focus of instruction in this course. Instruction will center on snorkeling, cooperative learning strategies, aqua fitness, water games, beginning and/or advanced stroke techniques, synchronized swimming, and techniques specific to water safety. A unique aspect of this course will involve the development and implementation of an individualized personal workout with guidance from the aquatics instructor. One-piece bathing suits are required for females.

10th - 12th Additional Pathway Credits

HUMANITIES/SOCIAL SCIENCE/WORLD LANGUAGE COURSES

Learners are required to complete 2 Arts and Humanities credits for graduation requirements.

In addition to the courses listed on the following pages, any of the Pathway Social Studies courses listed on pages 25 through 27, any of the Art courses on pages 34 and 35, and any Performing Arts courses listed on pages 39 and 40 of this coursebook will count toward required Arts and Humanities credits.

Criminology

1 year

1 credit

Criminology explores the diverse and dynamic field relating to our criminal justice system. This course focuses on the history of American Law, the difference between Civil and Criminal Law, general features and categories of crimes, various criminal offenses and defenses, and the criminal justice process. The course also introduces students to the court procedures and the corrections system. Criminology students will also get to participate in a mock trial or moot court, to give a real-life example of the criminal justice system. Students who take this course will also have an opportunity to experience local law enforcement agencies and members of the judicial system through field trips and guest speakers when possible.

Psychology I**

Semester

.5 credit

This course is an introduction to the science of psychology. Basic psychological concepts are introduced including research methods, how the mind works, learning, and emotion. Major emphasis focuses on personality and mental health with a view toward an understanding of self and others. This course is pending approval for *College in the Classroom* credits. Psychology I and II must be completed to earn college credit.

Psychology II**

Semester

.5 credit

Prerequisites: Psychology I

Psychology II is a continuation of Psychology I, building on the concepts discussed the first semester. Topics to be covered include states of consciousness (sleep/dream and hypnosis), psychological disorders, perception and sensation, and memory and motivation.

Sociology I**

Semester

.5 credit

Two major areas of study are emphasized. First, the student is introduced to major sociological concepts and theories. This knowledge is then applied to the study of several major social problem areas. Major areas of attention are general concepts, sociological research, socialization, and social interaction. Students are encouraged to strive for a better understanding of themselves and others as they learn about the social processes that shape people's lives. This course is pending approval for *College in the Classroom* credits. Sociology I and II must be completed to earn college credit.

Sociology II**

Semester

.5 credit

Prerequisites: Sociology I

Sociology II is a continuation of Sociology I building on the theories and principles learned in Sociology I. Additional areas of Sociology are investigated such as gender issues, aging, dying and death, minority relations, and population problems. This course will also provide an analysis of selected current social problems, their social and cultural causes, consequences, and potential solutions.

Travel and Tourism

1 year

1 credit

In this elective course, students will study the regions of the world and why one should travel there. We will look at the cultures of these regions through their history, geography, art, and film. We will talk about earlier travelers to these regions, as well as how one would travel there. This course would be an excellent choice for those students interested in world travel as a hobby or as an introductory course for those interested in travel and tourism as a career choice.

10th - 12th Additional Pathway Credits

Social Science/Humanities pathway courses continued.

Yearbook (Centerama)

1 year

1 credit

Prerequisites: Students interested in the yearbook course should have a strong work ethic to complete independent work assignments and projects, have above average skills in English (“B” or better average in English courses), and have some flexibility to attend after-hours school-sponsored events.

Do you love to look at yearbooks? Are you creative? Do you like to take a lot of pictures or talk about events that happen at our school? If so, Yearbook is the elective for you. At the conclusion of the course, annual coverage of school academics, events, organizations, people, and sports will be completed. During the course, you will learn the basics of photography, journalism, layout design and graphics, marketing and advertising, and other leadership skills. The final product will be planned, edited, and published primarily by students utilizing web-based design.

WORLD LANGUAGES

Spanish is an in-person course taught by a Marion Center staff member.

Chinese, French, German, and Latin are online courses. Students wanting to take more than 2 years of a language must take either Spanish or French.

Spanish I

1 year

1 credit

This course is offered to the student who desires to learn a foreign language. In Spanish I, emphasis is placed on vocabulary and narration in the present tense, as well as idiomatic expressions and colloquialisms used in everyday situations. Instruction will be almost explicitly in the target language to develop strong comprehension skills. Students will be required to use spoken output in the target language to develop a high degree of speed and natural proficiency in speaking. Relevant and entertaining cultural items, such as songs, literature, and videos, will also be used in class to develop skills in reading and writing Spanish.

Spanish II

1 year

1 credit

Prerequisites: Spanish I

This course is offered to the capable and enthusiastic tenth, eleventh, or twelfth-grade student who has successfully completed Spanish 1. The students will review the vocabulary and present tense grammar structures acquired in Spanish 1. The students will also focus on vocabulary expansion and narration in the present tense. Instruction will be explicitly in the target language to develop strong comprehension skills. Students will be required to use spoken output in the target language to maintain a high degree of speed and natural proficiency in speaking. Relevant and entertaining cultural items, such as songs, literature, and videos, will also be used in class to develop skills in reading and writing Spanish.

Spanish III

1 year

1 credit

Prerequisites: Spanish I & II

This course is offered to the capable and enthusiastic eleventh or twelfth-grade student who has successfully completed both Spanish 1 and 2. Instruction will be explicitly in the target language to develop strong comprehension skills. Students will be required to use spoken output in the target language to maintain a high degree of speed and natural proficiency in speaking. The students will use culture to review and acquire more vocabulary and grammar skills, especially the past tense. The students will study the history, literature, music, film, and other cultural elements of some of the most influential Spanish-speaking countries, such as Spain, Mexico, Costa Rica, Puerto Rico, the Dominican Republic, and more. Spanish III & IV are eligible for *College in the Classroom* credit through Mount Aloysius.

10th - 12th Additional Pathway Credits

World Language courses continued.

Spanish IV

1 year

1 credit

Prerequisites: Spanish I, II, III

This course is offered to the capable and enthusiastic twelfth-grade student who has successfully completed Spanish 1, 2, and 3. Instruction will be explicitly in the target language to develop strong comprehension skills. Students will be required to use spoken output in the target language to maintain a high degree of speed and natural proficiency in speaking. The students will use culture to review and acquire more vocabulary and grammar skills, especially the present and past subjunctive tenses. The students will study the history, literature, music, film, and other cultural elements of some of the most influential Spanish-speaking countries, such as Spain, Mexico, Costa Rica, Puerto Rico, the Dominican Republic, and more.

Online World Languages

GERMAN I

1 year

1 credit

High school students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.

GERMAN II

1 year

1 credit

Prerequisites: "C" or better in German I

Students continue their introduction to high school German in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.

CHINESE I

1 year

1 credit

High school students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme, and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

CHINESE II

1 year

1 credit

Prerequisites: "C" or better in Chinese I

Students in high school continue their introduction to Chinese in this second-year course with a review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme, and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

10th - 12th Additional Pathway Credits

Online World Language courses continued.

FRENCH I

1 year

1 credit

Students in high school begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme, and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe.

FRENCH II

1 year

1 credit

Prerequisites: "C" or better in French I

Students continue their introduction to French in this second-year high school language course with a review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major French-speaking areas across the globe, and assessments.

FRENCH III

1 year

1 credit

Prerequisites: "C" or better in French I

In this expanding engagement with French, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, Edgenuity Course Catalog PAGE 22 World Language Courses reading, and writing. In addition, students read significant works of literature in French and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas.

FRENCH IV

1 year

1 credit

Prerequisites: "C" or better in French I

French IV is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communicative skills. The course prepares students for the AP French Language and Culture Exam. It uses as its foundation the three modes of communication (interpersonal, interpretive, and presentational) as defined in the Standards for Foreign Language Learning in the Twenty-First Century. The course is designed as an immersion experience requiring the use of French exclusively. The online learning coach only uses French to communicate with students. In addition, all the reading, listening, speaking, and writing is in French. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. The course contains a forum where students share their opinions and comments about various topics and comment on other students' posts. The course makes great use of the Internet for updated and current material.

10th - 12th Additional Pathway Credits

Online World Language courses continued.

LATIN I

1 year

1 credit

High school students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. **Latin is an excellent choice for students entering advanced Science or Medical fields.**

LATIN II

1 year

1 credit

Prerequisites: "C" or better in Latin I

Students continue their introduction to high school Latin by continuing to cover the fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.