Little Miami High School
Course Guide
2026-2027



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DISTRICT MISSION

The Board believes that the school system's responsibility is to ensure that each graduate is college and career-ready. To these ends, an environment of high expectations and opportunity shall be created that fosters scholarship and citizenship and develops within each student the ability to become a productive and responsible member of society.

DISTRICT GOALS

- Develop an environment of high academic expectation that maximizes each student's potential and opportunity for learning.
- Develop in each student the ability to apply learned skills and knowledge related to college and career readiness.
- Develop each student's ability to become a responsible and productive community member.

DISTRICT CORE BELIEFS

Little Miami Board of Education, staff, students, parents, and others will operate in ways that support and demonstrate the following core beliefs:

- Academic excellence
- Safe learning and working environments
- Quality facilities for quality learning
- Fiscal responsibility
- Adherence to all state and federal requirements

LITTLE MIAMI HIGH SCHOOL MISSION

Little Miami High School is dedicated to the community and the individual educational needs of all students. Through a safe and creative environment, students are challenged with a rigorous curriculum that provides the necessary skills to become contributing members of society. The staff recognizes the importance of a collaborative approach with the community as an essential element to the students' success entering their adult lives.

LMHS PRINCIPLES OF SERVICE

1. We believe all students can learn.
2. We value a safe and nurturing environment.
3. We believe that extracurricular activities contribute to developing a well-rounded student.
4. We value high expectations for all students.
5. We value professional attributes such as:
    - helpfulness and active listening
    - open communication and professional development
    - respect and courteousness
    - honesty and a positive attitude
    - risk-taking – seeking and trying new ideas
6. We believe in teamwork and cooperation.
7. We believe the school exists to serve the families of the Little Miami community.
8. We believe in providing opportunities for academic diversity.
9. We believe in continuous improvement through ongoing evaluation of programs and instructional strategies.

THE LITTLE MIAMI SEMESTER

Little Miami High School operates on a semester schedule. This schedule divides the school year into two semesters of approximately 90 days each. The class periods are 45 minutes in length, and each semester course is worth one-half unit of credit (except physical education that is one-fourth of a credit). Each student will schedule classes in the spring before starting a new school year. Students commit to those courses as school-wide decisions are based on spring course selections; therefore, schedules are final in the spring before each school year.

PLANNING A HIGH SCHOOL PROGRAM

A good student record is the best recommendation a graduate can offer a college or a prospective employer. Colleges require an exact transcript of courses taken while in high school and evaluations from the school counselor, teacher, or principal. Employers will often request similar information. (Most colleges and employers are interested in the student's attendance record. A poor attendance record affects a student's chance of college admission and competing for a job after graduation.)

STUDENT RESPONSIBILITIES

It is the student's responsibility to meet all graduation requirements. To receive a diploma, students must meet academic requirements, state testing requirements, state seal requirements and financial obligations. Students must attend the last week of each semester for exams.

WEIGHTED CLASSES

All Honors, AP, CCP and approved CTAG weighted courses will be on a 5.0 scale for Weighted GPA calculations. At the end of the term (semester or year-long), the class will be evaluated on a 5.0 scale if there is weight assigned.

SCHEDULE CHANGE PROCEDURE

Counselors and teachers offer assistance while selecting courses for each school year. The scheduling process for the following school year will begin during the second semester of the current school year. Parents and students, please recognize the number of school-wide decisions that rest upon your subject choices: the number and size of classes are determined, teachers are hired, and budget allocations are made. This ensures the district is economically responsible and all resources are utilized appropriately. Therefore, class selections will be *final* before the new school year in the spring semester. If a yearlong course is dropped at any time, it will result in a withdrawal fail.

SUMMER SCHOOL

Students who fail a core course have the opportunity to take summer school classes to make up credit to stay on track for graduation.

GRADE POINT AVERAGE

A cumulative GPA is calculated for all high school-level courses based on the number of credits received from weighted and unweighted courses. High schools use cumulative GPAs to determine class rank and graduation honors, eligibility for the National Honor Society (NHS), colleges as part of the admission criteria, many scholarship and grant providers, and occasionally, employers. This information is reported to parents and students on the student's high school transcript. The high school transcript records all final course grades received for high school-level courses. The LMHS grading scale is 90%, and higher A, 80%- 89% B, 70%-79% C, 60%-69% D, 59%, and lower is an F. All failures result in no credit. **Other than classes that are failed, courses cannot be repeated.**

CLASS FEES

The Board of Education establishes student fee schedules for the next school year each spring. Fee levels are determined in June and take effect that next school year. Therefore, students and parents are advised that the fees referenced in the High School Course Description Guide are approximate and subject to change based on supply prices as they are purchased. Students are given a breakdown of course fees in September and January.

Post-Secondary Planning

GRADE 9

- The 9th-grade year begins your official high school record unless you complete classes for high school credit before the 9th-grade year. Grades will be recorded on your cumulative transcript.
- Get to know your school counselor and let them get to know you. Visit with your counselor frequently to make your adjustment to high school positive. Take advantage of all the services offered through the school's counseling program.
- Work hard to do as well as you can academically, seek assistance whenever needed, and utilize Extra Time Extra Help (ETEH).
- Participate in career exploration programs whenever possible, such as job shadowing, career-based classes, and utilizing Schoollinks.
- Participate in extracurricular activities such as athletics and clubs.
- Begin researching colleges of interest.
- Participate in community/volunteer service activities.
- Students must meet state testing requirements for graduation.
- Job shadowing opportunities

GRADE 10

- Continue working with your school counselor on your academic progress, work hard, and continue participating in extracurricular activities.
- Research career areas related to your interests by using the resource materials available in your counseling office. Visit the Warren County Career Center.
- Take the ASVAB. (This is a test given by the military, and there is no military commitment.)
- Register and take the PSAT in October. (optional)
- Utilize Schoollinks.
- Participate in Community/Volunteer Service activities.
- Take the ACT/SAT (especially if taking Algebra 2 as a sophomore).
- Students must meet all state testing requirements for graduation.
- Job shadowing opportunities

GRADE 11

- Communication with your counselor becomes even more important in the second half of high school.
- Continue your involvement in extracurricular activities and maintain good grades.
- Continue your career research and begin matching your interests with career possibilities. Continue to research colleges and start visiting and touring colleges.
- Register and take the PSAT in October to be considered for National Merit Scholarship (optional)
- Take the ACT/SAT and ASVAB.
- Take part in all special programs the school counseling department developed, such as college representative visits, etc.
- Continue to utilize tools in Schoollinks.

- Participate in community/volunteer service activities.
- Must register with the NCAA Eligibility Center by the **end** of your junior year.
- Students must meet all state testing requirements for graduation.

THE SUMMER BETWEEN 11th AND 12th GRADES

- Visit colleges.
- Meet with admissions representatives at colleges.
- Participate in Community/Volunteer Service activities.

GRADE 12

- Take the ACT/SAT.
- Send official ACT and SAT scores to colleges
- Continue communication with your counselor and attend all senior meetings.
- Maintain a solid, quality academic program.
- Complete college visits early in your senior year.
- Prepare applications and request transcripts through Schoollinks a minimum of **two weeks** before the admission deadline.
- Be aware of early application deadlines, especially applications to special programs.
- Apply for financial aid.
- Visit and meet with local recruiters about school and career opportunities if interested in the military.
- Complete student success plan (required)
- Complete 12 hours of community service. Six can be completed in one location, so your service must be completed in at least two locations. Community service is a Little Miami Board of Education requirement. The completion of these service hours also earns a graduation seal.

CREDITS RECOMMENDED FOR COLLEGE ADMISSION IN OHIO

Core Subject	2 Year College Recommendations	4 Year College Recommendations
English	4.0 credits	4.0 credits
World Language (same language)	0.0 credits	2.0 credits
Science (Physical Science, Biology, Chemistry)	3.0 credits	4.0 credits
Mathematics (Algebra I, Algebra II, Geometry)	4.0 credits	4.0 credits
Social Studies	3.0 credits	4.0 credits
Fine Arts (Art, Music)	1.0 credits	1.0 credits
Business and Technical education	0.0 credits	1.0 credits

Some majors may require more extensive preparation in specific areas. Check with the school counselors and the particular university for additional information.

All students planning to enter college should consider taking at least one AP or Honors level class. Completing rigorous high school classes will better prepare you for post-secondary work.

POST-SECONDARY CRITERIA FOR ADMISSION:

1. GPA/Class Rank
2. ACT/SAT Scores
3. Extracurricular activities/Volunteer Work
4. Rigor of Class Schedule

2026-2027 TEST DATES

ACT	SAT
September 5, 2026	August 15, 2026
October 24, 2026	September 12, 2026
December 5, 2026	October 3, 2026
February 5, 2027	November 7, 2026
April 9, 2027	December 5, 2026
June 5, 2027	March 13, 2027
July 10, 2027	May 1, 2027
	June 5, 2027

Honors Diploma Requirements

Students need to fulfill all but one of the applicable criteria for the Academic Honors Diploma. Students may replace one of the gray shaded boxes with the Student Strength Demonstration below chart. Visit the Ohio Department of Education website to see what Honors Diplomas are available.

Subject	Academic Diploma with Honors	Career-Technical Diploma with Honors
Mathematics	Fourth math must be > Algebra 2	Fourth math must be > Algebra 2
Science	One additional unit Advanced Science	One additional unit Advanced Science
Social Studies	One additional unit Social Studies	One additional unit Social Studies
World Language	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	Two units of one world language
Grade Point Average	3.5 on a 4.0 scale (unweighted)	3.5 on a 4.0 scale (unweighted)
ACT/SAT Score/ Workeys	27 ACT or higher 1280 SAT or higher	27 ACT score or higher 1280 SAT Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.
Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal	
Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning	
Career-Tech Coursework	N/A	Four units of Career-Tech Courses
Career-Tech Proficiency	N/A	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program

**Students can use OMJ Readiness Seal in 2 additional seal requirements if it is not used in Experiential Learning.*

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

- **College Credit Plus:** 12 total College Credit Plus credit hours
- **Advanced Placement:** Three courses with score of 3 or higher on AP tests
- **Career-Technical Assurance Guide (CTAG):** Eligible to earn 12 total articulated credits
- **Apprenticeship/Pre-Apprenticeship:** Completion or Evidence of Acceptance if required to be older than 18
- **WorkKeys:** Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)
- **Armed Services Vocational Battery:** Score of 50
- **Work-Based Learning:** 250 hours

Program Options

ADVANCED PLACEMENT PROGRAM

Little Miami High School offers advanced placement courses that allow students to pursue college-level studies while still in high school. Students can earn credit, advanced placement, or both for college based on student performance on rigorous end-of-course exams. Students must complete the entire course. These courses can be used for gifted services.

The College Board sets the fee for AP Exams. Students are charged the AP exam fee with other school fees. Students may qualify for a reduced AP exam fee. All students enrolled in an AP course must take the AP Exam at the end of the school year.

CAREER GUIDANCE

A representative is available at LMHS to work with students who enter the workforce directly from high school. Students receive 1:1 guidance and multiple opportunities to visit job sites to prepare them for the workforce following graduation.

CREDIT FLEXIBILITY PROGRAM

The Credit Flexibility Program allows students to earn high school credit based on an individually developed school-approved credit flexibility plan. Credit flexibility intends to meet increased expectations for high school graduation in response to globalization, technology, and demographics and to meet the demand for 21st-century skills. Students need to adhere to application deadlines. See your school counselor for more information.

Applications for this program must be submitted at least two weeks before the beginning of each semester.

EARLY GRADUATION REQUIREMENTS

Early graduation is available for any senior in good standing at the end of their junior year. A student must complete a request form and then meet with their counselor to apply for early graduation at the end of their junior year. To be eligible for early graduation, a student must be on track for graduation (no academic deficiencies and have passed all state testing requirements) **and must have a specific post-secondary plan, such as a pre-apprenticeship, internship, employment opportunity, college enrollment, or another counselor-approved reason for graduating early**.

A student may opt to receive their diploma at the end of the first semester or the second semester. A student who receives their diploma at the end of the second semester will be eligible for participation in all school activities/ceremonies. Any early graduate who fails a course necessary for graduation in the first semester is not eligible for early graduation. **See your school counselor for specific requirements**.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language is offered to students who qualify for ESL support through an English as a Second Language (ESL) Plan. Criteria for the ESL program include:

- The student attends Little Miami Local Schools
- Student's primary/home/native language is a language other than English, whether born in the United States or another country. The student scores less than proficient in one or more English proficiency (reading, writing, listening, speaking, and comprehension) on tests of English language proficiency administered within the district.
- The student has difficulty speaking, reading, writing, or understanding English; that student may not perform well enough in class or on state tests to meet expected state standards for achievement.
- Materials and the instructional pace of ESL tutoring are adapted to meet the individual needs of each student. Students move from their current English level to proficiency as basic skills and English proficiency are acquired.

HONORS CLASSES

Honors classes are offered in English, science, social studies, and math. These classes are more rigorous and allow students to earn weighted credit toward their GPA. These courses can be used for gifted services.

SPECIAL EDUCATION

A student receives special education and related services through the Special Education Department based on student needs identified and documented through the IEP process.

A student's disability category does not determine the type or level of special education services. This is determined individually through the IEP process. Instructional support may include modifications to the curriculum or accommodations that assist the student in accessing the curriculum. Support is provided in a continuum of environments including, but not limited to:

- General education classes
- General education classes with special education support (inclusion)
- Resource classes (core taught by an Intervention Specialist with a modified curriculum)
- Small group intervention, work-study, job training, resource classroom

WCCC SATELLITE COURSES

Satellite courses are available at Little Miami High School through the Warren County Career Center. The programs are in business, digital media arts, informational technology, and engineering. Students can earn college scholarships from Sinclair through a combination of these courses. Sinclair manages the scholarships and requirements. ***Note: Some WCCC Satellite (CTAG) courses will be weighted and get an add on.***

WARREN COUNTY CAREER CENTER (WCCC)

Career Center courses are designed for juniors and seniors in high school. The Warren County Career Center (WCCC) serves six primary schools: Franklin, Kings, Lebanon, Little Miami, Springboro, and Waynesville. All programs at the WCCC are two years in length (except senior programs).

Credits That Must Be Earned to Attend the WCCC as a Junior

9th Grade	10th Grade
English 9	English 10
Algebra I	Geometry
World History	American History
Physical Education	Health
Science	Science

WCCC CAREER PROGRAMS 2026-2027

Automotive Technology	Engineering & Robotics
Construction Trades/Carpentry	Fire Science & EMT
Cosmetology	Graphic Arts, Imaging & Advertising Design
Criminal Justice	Heavy Equipment & Site Construction
Culinary Arts	HVAC/Heating, Ventilation & Air Conditioning
Robotics	Pre-Nursing
Dental Assisting	Sports and Exercise Science
Digital Media Arts	Surgical Technology
Early Childhood Education	Veterinary Science
Early College Nursing	Welding
Electrical Trades	

COLLEGE CREDIT PLUS (CCP)

The College Credit Plus (CCP) program is a state-mandated program that allows high school students in grades 7-12 to simultaneously earn college and high school credit. This option is appropriate for mature and academically ready students. A student may complete college- level courses while also completing high school credits needed for high school graduation. (The program is not intended to replace high school honors or advanced placement classes.) Before applying to this program, parents and students must attend CCP's district and building meetings for CCP. All CCP paperwork must be submitted at the building meeting and submitted by April 1st. Families will be billed for failed classes. If a student falls below a 2.0 GPA, the student will be placed on probation within the program. Below is an example of a 15 and 30-credit hour pathway.

15 Credit Hour Pathway

Class Code	Class Name	Credits
COM 2211	Effective Public Speaking	3.0
ENG1101	English Composition 1	3.0
HIS 1101	U.S. History I	3.0
MAT 1470	College Algebra	3.0
PSY 1100	General Psychology	3.0
Total Credit Hours		**15.0**

30 Credit Hour Pathway

Class Code	Class Name	Credits
COM 2211	Effective Public Speaking	3.0
ENG 1101	English Composition 1	3.0
HIS 1101	U.S. History I	3.0
MAT 1470	College Algebra	3.0
PSY 1100	General Psychology	3.0
COM 2206	Interpersonal Communication	3.0
LIT 2220	Introduction to Literature	3.0
HIS 1102	U.S. History II	3.0
MAT 1570	Trigonometry	3.0
SOC 1101	Introduction to Sociology	3.0
Total Credit Hours		**30.0**

Graduation and Testing Requirements

Progression of Required Courses

Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics
World History	American History	Government (0.5 credit)	Economics (0.5 credit)
Science	Science	Science	Elective
Physical Education	Health	Personal Finance (0.5 credit)	Elective
Fine Art	Fine Art	Elective	Elective

LITTLE MIAMI HIGH SCHOOL CURRICULUM REQUIREMENTS

Subject	Credits
English Language Arts	4.0
Mathematics (must include Algebra II)	4.0
Science (must include Physical Science, Biology, and an Advanced Science)	3.0
Social Studies (must include World History, American History, American Government and Economics)	3.0
Health (must be completed sophomore year)	0.5
Physical Education (must be completed freshman year)	0.5
Fine Arts	1.0
Electives: World Language, Fine Arts, Business, Career/Tech Ed., Technology, JROTC, Math/Science/Social Studies Electives)	4.0
Personal Finance	0.5
Total Minimum Requirements for Graduation	**20.5**

PE classes such as Yoga & Mindfulness, Kinesiology & Fitness 1 & 2, Fitness & Conditioning, and Cardio-Fit Aerobics do not fulfill elective requirements.

World Language is not required for graduation from Little Miami High School; however, 4-year colleges and universities recommend/require world language.

Seniors must complete 12 hours of Community Service. A maximum of 6 hours may be earned for each activity. A Community Service form must be completed for each experience. Forms are available in the Counseling Office or room 2247 (Ms. Stein). (Early Graduates must earn 6 hours of Community Service.)

WARREN COUNTY CAREER CENTER CURRICULUM REQUIREMENTS

Subject	Credits
English Language Arts	4.0
Mathematics (must include Algebra II)	4.0
Science (must include Physical Science, Biology, and an Advanced Science)	3.0
Social Studies (must include World History, American History, American Government and Economics)	3.0
Health (must be completed sophomore year)	0.5
Physical Education (must be completed freshman year)	0.5
Electives	5.0
Personal Finance	0.5
Total Minimum Requirements for Graduation	**20.5**

World Language is not required for graduation from Little Miami High School or the WCCC; however, most 4-year colleges and universities recommend/require it. The WCCC does not offer world languages.

WCCC students are not required to complete community service hours.

OHIO DEPARTMENT OF EDUCATION TESTING REQUIREMENTS

Class of 2023 and beyond:
State law introduced new, long-term graduation requirements for students in the class of 2023 and beyond. After July 1, 2019, students entering ninth grade must meet the new requirements outlined in state law.
Handout: Graduation Requirements for the classes of 2023 and Beyond Ohio's Graduation Requirements: Long-term Requirements 2023 and Beyond Overview of Graduation Requirements by Graduating Class
Competency Determination

GRADUATION SEALS

Ohio law requires that seals earned by students using these graduation requirements be affixed to the student's diploma. The Ohio Department of Education has designed the seals linked below for this purpose. Schools and Districts can use whatever method meets their local needs to affix these seals to their students' diplomas.
Citizenship College-Ready
Community Service Fine and Performing Arts Honors Diploma
Industry-Recognized Credential Military Enlistment
Ohio Means Jobs Readiness Science
Seal of Biliteracy Student Engagement Technology

In alignment with the Ohio Department of Education's workforce initiatives, Little Miami High School supports all students in earning the OhioMeansJobs Readiness Seal. This seal is a state-recognized credential that appears on a student's diploma and transcript. During their senior year, students will be guided through the process of identifying mentors and documenting the professional skills they have developed throughout their high school career. Earning this seal not only strengthens our school's state report card but, more importantly, provides our students with a competitive advantage in the job market and college admissions.

RECOMMENDED STUDENT PROGRAM FOR THE FRESHMAN YEAR

This page lists the required and possible electives for the freshman year. The information below will allow students and parents to create a schedule appropriate for a 9th-grade student. If a scheduling conflict occurs, a student will be enrolled into one of their alternative selections.

1st Semester	2nd Semester
English 9 or Honors English 9	English 9 or Honors English 9
Physical Science or Honors Biology	Physical Science or Honors Biology
Mathematics	Mathematics
World History/Honors World History	World History/Honors World History
Physical Education 1	Physical Education 2
Study Hall or Math Lab	Study Hall or Math Lab
Elective	Elective

REQUIRED COURSES FOR THE FRESHMAN YEAR:

English 9 or Honors English 9 (full year)
Physical Science or Honors Biology (full year)
Mathematics (full year)
World History/Honors World History/AP World History (full year)
Physical Education Fundamentals (full year)

FRESHMAN ELECTIVES: All electives are semester courses unless noted as a full year (FY).

Art	Music	Social Studies
Art Fundamentals	Beginning Guitar	Ancient World Civilizations
Studio Art	School of Rock	World Cultures & Geography
	Concert Band (FY)	**WCCC Satellite Classes**
English	Rock and Roll Hall of Fame	Business Microsoft Certification
Creative Writing	Symphonic Band (FY)	Computer Hardware and Software (FY)
Science Fiction and Fantasy	Tenor-Bass Choir 1&2	Introduction to Business
Math	Treble Choir 1&2	Introduction to Digital Media Arts
Math Lab	Essentials of Music Theory	Introduction to Information Technology
Other	Advanced Music Theory	PLTW 1: Introduction to Engineering (FY)
AFJROTC (FY)	**World Language**	PLTW 3: Aerospace Engineering (FY)
Kinesiology & Fitness 1	French 1 (FY)	Web Development (FY)
Kinesiology & Fitness 2	French 2 (FY)	
Online Courses	Spanish 1 (FY)	
Study Hall	Spanish 2 (FY)	
	ASL 1 (FY)	

RECOMMENDED STUDENT PROGRAM FOR THE SOPHOMORE YEAR

This page lists the required and possible electives for the sophomore year. The information below will allow students and parents to create a schedule appropriate for a 10th-grade student. If a scheduling conflict occurs, a student will be enrolled into one of their alternative selections.

1st Semester	2nd Semester
English 10 or Honors English 10	English 10 or Honors English 10
Biology/Honors Biology or Chemistry/Honors Chemistry	Biology/Honors Biology or Chemistry/Honors Chemistry
Mathematics	Mathematics
American History/Honors/AP US History	American History/Honors/ AP US History
Study Hall or Math Lab	Study Hall or Math Lab
Health Education	Elective
Elective	Elective

REQUIRED COURSES FOR THE SOPHOMORE YEAR:

English 10 or Honors English 10 (full year)
Biology/Honor Biology or Chemistry/Honors Chemistry (full year) Mathematics (full year)
American History/Honors or AP US History (full year) Health (semester)
Study Hall is optional but strongly recommended.

SOPHOMORE ELECTIVES: All electives are semester courses unless noted as a full year (FY)

Art	English	Social Studies
Art Fundamentals	Advanced Creative Writing	Ancient World Civilizations
Ceramics	Broadcast Media and Film	AP World History (FY)
Drawing	Creative Writing	AP Psychology (FY)
Painting	Speech and Debate	Intro to Psychology
Sculpture	Yearbook	Law & Criminal Justice
Studio Art	Science Fiction and Fantasy	World Culture & Geography
Music	**Science**	Sociology
Beginning Guitar	Honors Advance Biology	**WCCC Satellite Classes**
School of Rock	**World Language**	AP Computer Science A (FY)
Concert Band (FY)	ASL 1, 2 (FY)	AP Cybersecurity (FY)
Little Miami Chorale 1 & 2	French 1, 2, 3 (FY)	Business Microsoft Certification
Rock & Roll Hall of Fame	Spanish 1, 2, 3 (FY)	Computer Hardware and Software (FY)
Select Mixed Choir 1 & 2	**Other**	Computer Programming (FY)
Symphonic Band (FY)	AFJROTC (FY)	Database Management (FY)
Tenor-Bass Chorus 1 & 2	Kinesiology & Fitness 1	Introduction to Business
Treble Choir 1 & 2	Kinesiology & Fitness 2	Introduction to Digital Media Arts
Essentials of Music Theory	Lifetime Activities & Sports	Introduction to Information Technology
Advanced Music Theory	Online Courses	Introduction to Cybersecurity
	Study Hall	PLTW: 1 Intro to Engineering (FY)
		PLTW 2: Principles of Engineering (FY)
		PLTW 3: Aerospace Engineering (FY)
		PLTW 4: Digital Electronics (FY)
		Web Development (FY)
		Robotics (FY)

RECOMMENDED STUDENT PROGRAM FOR THE JUNIOR YEAR

This page lists the required and possible electives for the junior year. The information below will allow students and parents to create a schedule appropriate for an 11th-grade student. If a scheduling conflict occurs, a student will be enrolled into one of their alternative selections.

1st Semester	2nd Semester
English 11 or Honors English 11	English 11 or Honors English 11
Science	Science
Mathematics	Mathematics
American Government or AP US GOV	AP US GOV or Social Studies Elective
Study Hall	Study Hall
Personal Finance	Elective
Elective	Elective

REQUIRED COURSES FOR THE JUNIOR YEAR:

English 11 or Honors English 11 (full year) Science (full year)
Mathematics (full year) American Government (semester)/AP US Government/Politics (full year), Personal Finance
All college-bound students are encouraged to take a high-level math and science class. Additionally, college- determined students are also encouraged to take an AP or Honors level class before graduation if recommended.

JUNIOR ELECTIVES: All electives are semester courses unless noted as a full year (FY).

Art	English	Math
Advanced Ceramics	Advanced Creative Writing	AP Calculus (FY)
Studio Art	Broadcast Media and Film	AP Statistics (FY)
Advanced Painting	Creative Writing	College Bound
Art Fundamentals	Speech and Debate	**Science**
Ceramics	Yearbook	AP Biology (FY)
Drawing	Science Fiction and Fantasy	AP Chemistry (FY)
Painting	**Other**	Honors Advance Biology
Sculpture	AFJROTC 4 (FY)	Environmental Science
Music	AFJROTC Survival (FY)	Forensic Science
Beginning Guitar	Online Courses	Honors Anatomy/Physiology (FY)
School of Rock	Study Hall	Honors Biodiversity
Concert Band (FY)	Math Lab	Honors Physics 1
Essentials of Music Theory	**WCCC Satellite Courses**	Honors Physics 2
Advanced Music Theory	Accounting (FY)	Introduction to Anatomy/Physiology
Little Miami Chorale 1& 2	AP Computer Science A	Marine Biology
Rock and Roll Hall of Fame	AP Cybersecurity (FY)	**Social Studies**
Select Mixed Choir 1&2	Business Microsoft Certification	AP U.S. Government (FY)
Symphonic Band (FY)	Computer Hardware/Software (FY)	AP World History (FY)
Tenor-Bass Chorus 1 & 2	Computer Programming (FY)	AP US History (FY)
Treble Choir 1 & 2	Database Management (FY)	Ancient World Civilizations
World Language	Digital Media Arts 1 (FY)	AP Psychology (FY)
ASL 1, 2 (FY)	Introduction to Business (FY)	Current Issues 1&2
French 1,2,3,& 4 (FY)	Introduction to Information Technology	Introduction to Psychology
Spanish 1,2,3,& 4 (FY)	Introduction to Cybersecurity	Law & Criminal Justice
Physical Education	PLTW 1: Introduction to Engineering (FY)	World Geography & Culture
Fitness & Conditioning	PLTW 2: Principles of Engineering (FY)	Sociology
Lifetime Activities & Sports	PLTW 3: Aerospace Engineer (FY)	
Kinesiology & Fitness 1&2	PLTW 4: Digital Electronics (FY)	
Yoga and Mindfulness	Strategic Entrepreneurship (FY)	
	Web Development (FY)	
	Robotics (FY)	

RECOMMENDED STUDENT PROGRAM FOR THE SENIOR YEAR

This page lists the required and possible electives for the senior year. The information below will allow students and parents to create a schedule appropriate for a 12th grade student. If a scheduling conflict occurs, a student will be enrolled into one of their alternative selections.

1st Semester	2nd Semester
English 12 or AP English Literature	English 12 or AP English Literature
Science	Science
Mathematics	Mathematics
Economics	Social Studies Elective
Study Hall	Study Hall
Elective	Elective
Elective	Elective

REQUIRED COURSES FOR THE SENIOR YEAR:

English 12 or AP English (full year) Mathematics (full year) Economics (semester)

All college-bound students are encouraged to take a high-level math and science class. Additionally, college-determined students are also encouraged to take an AP or Honors level class before graduation if recommended.

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SENIOR ELECTIVES: All electives are semester courses unless noted as a full year (FY).

Art	English	Math
Advanced Ceramics	Advanced Creative Writing	AP Calculus (FY)
Studio Art	Broadcast Media and Film	AP Statistics (FY)
Advanced Painting	Creative Writing	College Bound
Art Fundamentals	Science Fiction and Fantasy	Board Game Design
Ceramics	Speech and Debate	**WCCC Satellite Programs**
Drawing	Yearbook	Accounting (FY)
Painting	**Other**	AP Computer Science A
Sculpture	AFJROTC & AFJROTC 4: (FY)	AP Cybersecurity (FY)
Music	Online Courses	Business Microsoft Certification
Beginning Guitar	Study Hall	Computer Hardware/Software (FY)
Rock of School	**Physical Education**	Computer Programming (FY)
Concert Band (FY)	Fitness and Conditioning	Database Management (FY)
Essentials of Music Theory	Kinesiology & Fitness 1&2	Digital Media Arts 1&2 (FY)
Advanced Music Theory	Yoga and Mindfulness	Engineering Design and Development
Little Miami Chorale 1 & 2	Lifetime Activities & Sports	Introduction to Business
Rock and Roll Hall of Fame	**Social Studies**	Introduction to Cybersecurity
Select Mixed Choir 1 & 2	AP World History (FY)	Introduction to Information Technology
Symphonic Band (FY)	AP Psychology (FY)	PLTW 1: Introduction to Engineering (FY)
Tenor-Bass Chorus 1 & 2	Current Issues 1&2	PLTW 2: Principles of Engineering (FY)
Treble Choir 1 & 2	Introduction to Psychology	PLTW 3: Aerospace Engineering (FY)
Science	Law & Criminal Justice	PLTW 4: Digital Electronics (FY)
AP Biology (FY)	Sociology	Robotics
AP Chemistry (FY)	**World Language**	Strategic Entrepreneurship (FY)
Environmental Science	ASL 1, 2 (FY)	Web Development (FY)
Forensic Science	French 1,2,3,4, & AP (FY)	
Hon Anatomy/Phys(FY)	Spanish 1,2,3,4, & AP (FY)	
Honors Physics 1 (FY)		
Honors Physics 2 (FY)		
Intro to Anatomy/Physiology		
Marine Biology		
Honors Advance Biology		

LMHS SPORTS:

FALL	WINTER	SPRING
Football	Basketball*	Baseball
Soccer *	Bowling*	Softball
Women's Tennis	Swimming*	Track*
Cross Country *	Diving*	Men's Tennis
Volleyball	Wrestling	Lacrosse*
Cheerleading (stunt)	Cheerleading (stunt)	
Golf *	Academic Team	

*Men's and Women's Teams Available

ATHLETIC/EXTRA-CURRICULAR ELIGIBILITY

All high school student-athletes must meet the O.H.S.A.A. academic requirement; this states that the athlete is required to have passed the equivalent of five credits toward graduation the preceding grading period to participate in the following grading period. Physical education does not count as one of the five credits. Any change in O.H.S.A.A. eligibility status for a student-athlete becomes effective at the start of the fifth school day after the grading period. A student enrolled in the first grading period after advancement from the eighth grade must have passed a minimum of five of all subjects carried the preceding grading period. All fall athletes will qualify academically by their performance in the last 9-week grading period of the prior school year. There is a weekly grade check to determine weekly eligibility. Athletes cannot re-establish athletic eligibility by taking coursework in summer school.

The athletic director completes quarterly grade checks. Teachers record all weekly grades in ProgressBook. The cumulative grade averages from the beginning of the quarter determine weekly eligibility. Coaches, teachers, and administrators receive a quarterly copy of the list of ineligible students.

NCAA ELIGIBILITY

Students who plan to participate in college athletics at an NCAA member school must ensure that courses taken throughout their high school career meets the eligibility standards as set by the NCAA Eligibility Center. For a complete listing of all requirements and all approved and denied courses for Little Miami High School, please visit the NCAA Eligibility Center website at http://eligibilitycenter.org/. Please note that some online courses offered by LMHS do not meet the eligibility standards set by the NCAA Eligibility Center.

PAY TO PARTICIPATE FEE

There is a pay to participate fee for each sport. The Fee is $225 to be paid at the beginning of each season. Please get in touch with the athletic director with any questions.

LMHS ACTIVITIES:

Academic Team	H.O.P.E
AFJROTC	Hope Squad
Art Club	Improv Club
Business Professionals of America (BPA)	Magic the Gathering Club
Chess Club	Marching Band & Pep Band
Choir	Multicopter Club
Class Officers	National Honor Society (NHS)
Dance Team	Power of the Pen
Diversity & Inclusion	Ski Club
Drama Club	Société Honoraire de Français
Dungeons & Dragons Club	Spanish Club
Engineering Club	Sports Club
Envirothon	Student Ambassadors
FCS	Student Government
Film Club	Yearbook Club
French Club	U4U
GSA	

NATIONAL HONOR SOCIETY CRITERIA

- 3.75 un-weighted GPA and 3.50 weighted GPA
- Potential applicants will write a personal statement why they would be a good fit for NH.
- An anonymous faculty selection committee selects NHS members.
- Students must apply to be considered. Incomplete or late applications cannot be accepted.

Air Force Junior Reserve Officer Training (AFJROTC)

The mission of the AFJROTC program is "Developing Citizens of Character ." Every aspect of the program is aimed at accomplishing that mission. The program's goals are to instill values of citizenship, give service to the United States, develop personal responsibility, and instill a sense of accomplishment in high school students. The objectives of AFJROTC are to educate and train high school cadets in citizenship; promote community service; instill responsibility, character, and self-discipline; and provide instruction in air and space fundamentals. Students will be required to wear a uniform once a week to school for inspection, and they are required to follow all Air Force grooming standards. **There is no military commitment to this program.**

LMHS Course Descriptions 2026-2027

There is no military commitment for taking AFJROTC.

AIR FORCE JUNIOR OFFICER TRAINING CORPS (AFJROTC)

Grade Level: 9-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: None
Fee: $25.00

AFJROTC is the primary AFJROTC course for all cadets. It consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (10%). The Aerospace Science component introduces students to the principles of aircraft flight and navigation, the history of aviation, development of air power, contemporary aviation, human requirements of flight, the space environment, space programs, space technology, rocketry, propulsion, and the aerospace industry. The Leadership Education portion introduces the student to the AFJROTC program, instills elements of good citizenship, strengthens and develops character, and prepares students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. The Wellness/Physical Fitness portion encourages AFJROTC cadets to lead an active and healthy lifestyle. Two full credits of AFJROTC fulfill the state requirement of 1/2 credit of physical education.

AIR FORCE JUNIOR OFFICER TRAINING CORPS 4: MANAGEMENT OF THE CADET CORPS (AFJROTC 4)

Grade Level: 12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: AFJROTC
Fee: $25.00

AFJROTC 4 continues to build on the citizenship and leadership skills cadets were introduced to in previous AFJROTC courses and is reserved strictly for members of the cadet corps leadership. It consists of three components: Aerospace Science (40%), Leadership Education (40%), and Wellness/Physical Fitness (10%). This course is a practicum for cadets to provide hands-on experience for the opportunity to put the theories of previous leadership courses into practice. Cadets (under the supervision of AFJROTC instructors) are responsible for all planning, organizing, coordinating, directing, controlling, and decision- making for the cadet corps. They practice communication, decision-making, personal- interaction, managerial, and organizational skills. Optional material may be included depending on Corps management requirements. The Wellness/Physical Fitness portion encourages AFJROTC cadets to lead an active and healthy lifestyle. Two full credits of AFJROTC fulfills the state requirement of 1/2 credit of physical education.

AIR FORCE JUNIOR OFFICER TRAINING CORPS: AEROSPACE SCIENCE 410: SURVIVAL: SURVIVE - RETURN

Grade Level: 11-12 *Course Length: Full Year Credit: 1.0*
Prerequisite: 3 years of AFJROTC
Fee: $25.00

The Survival text is a synthesis of the basic survival information found in Air Force Regulation 64-4 Survival Training. The survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents “good to know” information that would be useful in any situation. The information is just as useful to an individual lost hunting or stranded in a snowstorm.

Art Fundamentals

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None, this course is needed for all other classes
Fee: $35.00

Art Fundamentals emphasize studying the elements and principles of art and design. Students explore, organize, and use the elements and principles to create two-and three-dimensional original works in various forms and media. Understanding elements and principles of art are imperative to a strong art foundation. Students are expected to take notes and maintain a sketchbook.

Ceramics

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "C" in Art Fundamentals
Fee: $50.00

Original objects (primary, utilitarian, and pottery) are created with clay using hand-building and glazing techniques. Objects created by professional ceramists are examined for their expressive, formal, and technical qualities. This course discusses the history of clay, its origins, composition, glazes, and firing. Projects may include but are not limited to pinch pots, coil construction, slab construction. Students will be expected to take notes and do preliminary drawings.

Advanced Ceramics

Grade Level: 11-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "B" in Ceramics
Fee: $50.00

Advanced Ceramics focuses on the art of throwing pottery on the wheel and using a variety of hand-building and slab molding methods. This course discusses the wheel and wheel-thrown history and a more intensive study of glazing techniques. This is an advanced course of organized subject matter and experiences in art. Pottery will be analyzed from different cultures and artwork created by the students. Students are required to create and present a digital portfolio using Google Slides at the end of the course. The student is expected to take notes and maintain a sketchbook. **A teacher recommendation is needed**.

Drawing

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "C" in Art Fundamentals
Fee: $40.00

Basic Drawing is a class that will focus on drawing skills and techniques. Some items studied will be proportion, shading, blending, and perspective. Students will use various drawing paper and media, including pencil, colored pencil, pastels, pen and ink, charcoal, etc., to explore and create original personal images. Drawings by culturally and historically representative artists are examined for their formal, expressive, and technical qualities. Students will be expected to take notes and maintain a sketchbook.

Painting

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "C" in Art Fundamentals
Fee: $65.00

The painting course will focus on developing basic painting skills. Media will include watercolor, tempera, and acrylic that will be explored to create original personal images. Students will have the opportunity to use professional-quality brushes and paper. Lessons will develop techniques and skills, allowing students to gain confidence in the painting world. Paintings by culturally and historically representative artists are examined for their formal, expressive, and technical qualities. Students will be expected to take notes and do preliminary drawings.

Advanced Painting

Grade Level: 11-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "B" in Painting with teacher signature of approval
Fee: $75.00

Advanced Painting is an advanced-level art course focusing on developing observational skills and illustrative techniques. This course will explore the mediums of watercolor, acrylic, oil paint, and encaustic mediums and their unique applications in composition. Students will develop personal artwork and themes on a higher and more independent level. This course creates artwork worthy for a portfolio review for college-bound students. Students will explore 2D art materials and processes while developing their artistic vision and themes. All supplies will be the student's property at the finale of the course. Students are required to create and present a digital portfolio using Google Slides at the end of the course. Students will be expected to maintain a sketchbook for sketchbook assignments.
A teacher recommendation is needed.

Sculpture

Grade Level 10-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Grade of at least a "C" in Art Fundamentals,
Fee: $65.00

This class will focus on three-dimensional artwork that uses sculptural carving, assembling, modeling, and casting. Students will be trained to use multiple tools and materials, including, but not limited to, clay, creastone, foam boards, and plaster. Students will be expected to take notes and do preliminary drawings.

Studio Art

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Art Fundamentals Fee: $45.00

If you loved Art Fundamentals, and are interested in continuing to learn more about different techniques and principles of art, this class is for you. This course will build upon the elements and principles of art and design studied in Art Fundamentals, and will use different materials and techniques. Students will create two-and three-dimensional original works in various forms to include sculpture, various types of print making, and drawing tips and tricks. Students are expected to take notes and maintain a sketchbook.

Business Courses

Personal Finance

Grade Level: 11 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $10.00

Learn to take charge of your finances instead of letting your money control you. Students will learn to set goals, perform mathematical calculations, and make responsible decisions regarding money management and investment strategies to achieve financial independence. Topics will include budgeting, careers, checking, credit, paying for college, saving, taxes, insurance, investing in stocks, bonds, and mutual funds, and portfolio management. Students will participate in the Stock Market Game.

For additional Business classes, please see pages 56-57 for WCCC Business courses that are offered here at LMHS*

English 9

Grade Level: 9 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Fee: $4.00

Instruction will be based on the Ohio benchmarks and indicators for grade nine. Students will read various texts, utilize the writing process, write for different purposes, research self- selected or assigned topics, and use effective communication techniques.

Honors English 9

Grade Level: 9 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Grade of at least a "B" in 8th grade Language Arts
Fee: $4.00

This is an accelerated and in-depth course of study. It will challenge motivated and self-directed students to excel by thinking and writing independently and creatively. Instruction will be based on the Ohio benchmarks and indicators for grade nine. Students will read various texts, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. Summer reading is required.
A teacher recommendation is needed.

English 10

Grade Level: 10 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Passing grade in English 9
Fee: $4.00

Instruction will be based on the Ohio benchmarks and indicators for grade ten. Students will read various texts emphasizing World Literature, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. A study of World Literature from various continents provides the basis for all reading and writing assignments.

There is an end-of-course exam for this course and part of the state graduation requirements.

Honors English 10

Grade Level: 10 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Grade of at least a "C" in 9th grade Honors English or at least a "B" in English 9
Fee: $4.00

This is an accelerated and in-depth course with an emphasis on World Literature. Instruction will be based on the Ohio benchmarks and indicators for grade ten. Students will read various texts, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. A study of World Literature from various continents provides the basis for all reading and writing assignments. Summer reading is required. There is an end-of-course exam for this course and part of the state graduation requirements.
A teacher recommendation is needed.

English 11

Grade Level: 11 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in English 10
Fee: $4.00

Instruction will be based on the Ohio benchmarks and indicators for grade twelve. Students will read various texts emphasizing British Literature, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. A study of British Literature from various authors provides the basis for all reading and writing assignments.

English Electives

Honors English 11

Grade Level: 11 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Grade of at least a "C" in 10th grade Honors English or at least a "B" in English 10
Fee: $4.00

This is an accelerated and in-depth course with an emphasis on American Literature. Students will read various texts, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. A study of American Literature from various authors provides the basis for all reading and writing assignments. Summer reading is required.
A teacher recommendation is needed.

English 12

Grade Level: 12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in English 11
Fee: $4.00

Instruction will be based on the Ohio benchmarks and indicators for grade twelve. Students will read various texts emphasizing British Literature, utilize the writing process, write for different purposes, research self-selected or assigned topics, and use effective communication techniques. A study of British Literature from various authors provides the basis for all reading and writing assignments.

Advanced Placement (AP) English 12

Grade Level: 12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Grade of at least a "C" in 11th grade Honors English or a "B" in English 11 Approximate
Fee: $101.00 (includes $4.00 class fee, $97.00 AP exam)

This advanced course follows the current AP English syllabus. Instruction will be centered on the reading and writing benchmarks of the English Language Arts Academic Content Standards. This course is designed to prepare students to take the Advanced Placement Exam. LMHS requires all students enrolled in an AP course to take the AP Exam.
A teacher recommendation is needed.

Broadcast Media and Film

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $25.00

This course will study contemporary mass media and introduce the student to the world of radio, television, and film. Students will learn about radio station operations and will have the opportunity to create their radio programs. We will also study television programming and its impact on entertainment and broadcasting equipment and program creation. The final component of the course will be a study of films and film production techniques culminating in the production of a short film or music video.

Creative Writing

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $2.00

This course will provide instruction in writing. Students will develop their creative writing techniques. Journals will be kept, and portfolios will be maintained throughout the class. The system combines classroom instruction and ample "workshop" opportunities that encourage honest, sensitive criticism and mutual support.

Speech and Debate

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $2.00

To be successful in today's world, sharp communication skills are of tremendous value and relevance. This course is designed to engage students in learning various techniques of public communication and developing the skills necessary for becoming more effective public speakers through the execution of different forms of debate and the delivery of multiple speeches.

Yearbook

Grade Level: 10-12 Course Length: Full year
Credit: 1.0
Prerequisite: Must have the yearbook advisor's signature and go through an interview process.
Fee: none

Yearbook is responsible for creating, laying out, photographing, writing, and publishing the Little Miami High School Yearbook. This is a large project and commitment to success is imperative. No prior skills in photography or publishing are required, but skilled writers are encouraged.

Science Fiction/Fantasy

Grade Level: 9-12 Course Length: Semester
Credit 0.5 (NCAA Approved)
Prerequisite: None
Fee: $2.00

This course explores futuristic/magical worlds through reading, analysis, and writing, focusing on speculative fiction, using sci-fi stories and novels as mentor texts for tales on topics like space travel, utopias, and technology.

Health & Physical Education

Physical Education 1 and 2

Grade Level: 9-10 Course Length: Full year
Credit: 0.5
Prerequisite: None
Fee: $10.00

This course is designed to focus on health & fitness. It will acquaint students with physical fitness, including cardiovascular endurance, muscular strength/endurance, and flexibility. Students will have fitness journals, projects, and tests assessed by Ohio State Standards. The second half of the course will acquaint students with individual & team sports and recreational games. Students will learn rules and safety for each activity and be assessed by Ohio State Standards. Activities that may be included: soccer, flag football, volleyball, basketball, track & field, tennis, archery, pickleball, badminton, and/or frisbee. There will be a skill and written tests given on each activity.

Health Education

Grade Level: 10 Course Length: Semester Credit: 0.5
Prerequisite: None
Fee: $2.00

This class focuses on current health issues, emphasizing health behaviors, risks, and decision-making. Topics include mental, social, physical health, sexuality, safety and first- aid, and drug, alcohol, and tobacco use/abuse. This is a state-required course, which is taken during the sophomore year.

Fitness and Conditioning

Grade Level: 11-12 Course Length: Semester
Credit: 0.25
Prerequisite: A "B" or better in Physical Education
Fee: $10.00

This class explores the fundamentals of fitness and conditioning and applies training principles to aerobic exercise and weight training routines. Activities include weight training, aerobics, and various other fitness activities.

Kinesiology and Fitness 1

Grade Level: 9-12 Course Length: Semester
Credit: 0.25
Prerequisite: None
Fee: $10.00

This class explores topics within human body movement and performance. Focusing on movement dynamics, this course will include 1 classroom day each week, with the remainder of the week implementing classroom knowledge in the weight room. Topics of exploration include basic movement patterns, body kinematics, flexibility, nutrition, and performance psychology. This class assists students in preparation for any variety of physical performance, baseline knowledge for anatomy, and careers in the performance industry.

Kinesiology and Fitness 2

Grade Level: 9-12 Course Length: Semester
Credit: 0.25
Prerequisite: Kinesiology and Fitness 1
Fee: $10.00

This class dives deeper into what was discussed in the first session. It has a similar format with some new features. Students will experience physiological, psychological, and health benefits when participating in Kinesiology and Fitness 2. Students should see increases in strength, explosiveness and more efficient use of training times and energies. Students may also experience improvements in overall body composition, strengthened bones, and increased resistance to sports-related injuries.

Lifetime Activities & Sports

Grade Level: 10-12 Course Length: Semester
Credit: 0.25
Prerequisite: Physical Education 1 & 2

Lifetime Activities & Sports is a wellness-focused course that helps students build the knowledge and habits for lifelong health. Students will set and track SMART fitness goals, understand heart rate training zones, and create a personalized fitness plan. Activities include yoga, walking, racquet sports, archery, and low-impact strength training. Emphasis is placed on developing wellness habits such as proper hydration, sleep, and stress management. Students will demonstrate personal growth, responsibility, and lifelong fitness values through goal tracking, participation, and reflection.

Yoga and Mindfulness

Grade Level: 11-12 Course Length: Semester
Credit: 0.25
Prerequisite: A "B" or better in Physical Education
Fee: $5.00

Students can learn practical life skills by using introspective yoga and mindfulness themes. Students will discover what it means to establish balance on and off the mat, create strength, build endurance, to cultivate empathy and compassion towards themselves and others. They will come to understand firsthand the relationship between stress and attention as their ability to focus improves and their stress levels decline. Class begins with an interactive discussion of the day's theme, breathing and mindfulness techniques, asana instruction, guided rest, and literature or journaling.

Physical Education Option

Grade Level: 9-12 Course Length: Full year
Credit: 0.5
Prerequisite: None
Fee: None

This Physical Education Option means that the student intends to seek approval for 1/2 unit of physical education via participation in an OHSAA interscholastic sport where the Little Miami Local School District employs the head coach. Club Sports do not fall under this guideline. Students must complete two full seasons of a sport to receive credit for the P. E. Option. Students in the Marching band must complete two full years to receive their ½ credit. **The grade will be issued as a pass (P) or fail (F) and not calculated into the cumulative GPA. Students cannot complete 1 PE class and one activity for credit.**

Summer Physical Education

Grade Level: 9-12 Course Length: 12 days in the summer
Credit: 0.25
Prerequisite: None
Fee: $105.00 per session

The virtual PE course will cover a range of topics from at home fitness routines to an introduction to CPR. Students can enroll in both sessions to meet the physical education graduation requirement that meet all state standards. The course will require students to complete a set of daily lessons that will be submitted back to the instructor through the Little Miami School District's learning management system (Schoology).

Two sessions are each 12 days
Session 1: May 30-June 14
Session 2: June 15-June 30

There is an attendance requirement to pass. Students can enroll in both sessions to meet the physical education graduation requirement that meet all state standards. (cont. on next page)

PE Topics Include

At home fitness workouts, concepts, routines and ideas - FITT Formula Instruction & Application - Maximum Heart Rate - Target Heart Rate Zones - Nutrition - Weight Loss - Heart Health - Introduction CPR -Team & Individual sports research on history of the sport, rules, equipment, etc.

Math Department

Algebra 1

Grade Level: 9 *Course Length: Full Year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Fee: $4.00

This is the first year of required Algebra I. This course is an in-depth study of algebraic concepts and processes to represent and solve variable quantities problems. Other topics include solving equations, polynomials, factoring, solving and graphing quadratic and exponential equations, and elementary statistics. There is an end-of-course exam for this course and part of the state graduation requirements. Any handheld calculator will suffice.

Honors Algebra 1

Grade Level: 9 *Course Length: Full Year*
Credit: 1.0 (NCAA Approved)
Prerequisite: "A" in 8th-grade math
Fee: $4.00

This is the first year of required Algebra I that will move faster. This course is an in-depth study of algebraic concepts and processes to represent and solve variable quantities problems. Other topics include solving equations, polynomials, factoring, solving and graphing quadratic and exponential equations, and elementary statistics. There is an end-of-course exam for this course and part of the state graduation requirements. Any handheld calculator will suffice.
A teacher recommendation is needed.

Math Lab

Grade Level: 9-10 *Course Semester*
Prerequisite: None

This is a course in place of Study Hall. Students will be able to complete their homework and study for any course. They will have an instructor monitor their grades and assignments. The instructor will provide guidance for their Math courses and do Ohio State Test preparation at least once per week.

Geometry

Grade Level: 9-10 *Course Length: Full Year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Fee: $4.00

This course studies two and three-dimensional geometry, including definitions, postulates, theorems, measurement using a ruler, compass, and protractor, plus finding measurements using computer software. The coordinate plane will be emphasized with distance, midpoint, and slope between two points plus linear equations involving parallel and perpendicular lines. Special properties and areas, perimeters/circumferences of triangles, quadrilaterals, polygons, and circles will be a focus, along with an introduction to congruent and similar figures. Trigonometry of right triangles will be taught along with applications of these concepts. Any handheld calculator will suffice.

Honors Geometry

Grade Level: 9-10 *Course Length: Full Year*
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Algebra 1 with a B or better.
Fee: $4.00

This course covers the geometry curriculum faster and more in-depth than geometry. This course will encompass definitions, postulates, theorems, measurements using a ruler, compass, and protractor, plus finding measurements using computer software. The coordinate plane will be emphasized with distance, midpoint, and slope between two points plus linear equations involving parallel

and perpendicular lines. Special properties and areas, perimeters/circumferences of triangles, quadrilaterals, polygons, and circles will be a focus, along with an introduction to congruent and similar figures. Trigonometry of right triangles will be taught along with applications of these concepts. Any handheld calculator will suffice.
A teacher recommendation is needed.

Algebra 2

Grade Level: 10-12 Course Length: Full Year
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of geometry
Fee: $4.00

This course involves a brief review of introductory algebra, graphing, writing linear equations, solving systems of equations, and it is a further study of algebraic concepts and processes such as quadratics, complex numbers, logarithmic functions, radicals, and rational expressions. This is a state-required course. **Required: A Texas Instruments Graphing calculator (TI 84 plus). A teacher recommendation is needed.**

Algebra 2 Honors

Grade Level: 9-10 Course Length: Full Year
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of geometry
Fee: $4.00

This course is designed for a more in-depth and faster-paced study of the material in Algebra II**.** Students should possess strong study skill abilities and a strong Algebra I foundation, enabling them to grasp Algebra II concepts such as quadratics, complex numbers, logarithmic functions, radicals, and rational expressions. Algebra II is a state-required course. Suggested: A Texas Instruments Graphing calculator (TI 84 plus).

Algebra 3

Grade Level: 11-12 Course Length: Full Year
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Algebra 2
Fee: $4.00

This course will emphasize reviewing math skills and preparation for the ACT and SATs. This course will focus on an Algebra/Geometry review, including functions, systems, matrices, polynomials, triangles, and polygons. Introduction to Pre-Calculus topics include exponents, logarithms, unit circles, and trigonometry. **Requirement: A Texas Instruments Graphing calculator (TI 84 plus).**

Pre-Calculus I and II

Grade Level: 10-12 Course Length: Full Year
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Algebra 2
Fee: $4.00

This course will prepare the college-bound student to enter a calculus course. This course will explore all areas of trigonometry and circular functions. It will include basic identities involving sine, cosine, tangent, secant, cosecant, and cotangent functions, proving identities, restrictions on identities, trigonometric forms of complex numbers, sine law, cosine law, and graphing identities. This course also studies advanced topics, including step functions, logarithms, exponential equations, polar, parametric, vectors, and conics. A student taking this course should have a strong mathematical foundation and comfortable working with various fractions. **Requirement: A Texas Instruments Graphing calculator (TI 84 plus).**

Honors Pre-Calculus I and II

Grade Level: 10-12 Course Length: Full Year
Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Algebra 2 with a B or better
Fee: $4.00

This course will proceed at an accelerated rate with more in-depth investigations of the topics in pre-calculus and trigonometry. This course will prepare the college-bound student to enter a

calculus course. This course will explore all areas of trigonometry and circular functions. It will include basic identities involving sine, cosine, tangent, secant, cosecant, and cotangent functions, proving identities, restrictions on identities, trigonometric forms of complex numbers, sine law, cosine law, and graphing identities. This course also studies advanced topics, including step functions, logarithms, exponential equations, polar, parametric, vectors, and conics. A student taking this course should have a strong mathematical foundation and comfortable working with various fractions. **Required: A Texas Instruments Graphing calculator (TI84 plus). A teacher recommendation is needed.**

Probability and Statistics

Grade Level: 11-12 Course Length: Full Year Credit: 1.0
Prerequisite: Successful completion of Algebra 2
Fee: $2.00

This course will be an introduction of probability and statistics. It will include the following topics: analyzing data, box plots, stem plots, regression curves, translation of data, binomial distribution, normal curves, finding probabilities using the standard normal distribution, and other distributions. **Requirement: A Texas Instruments Graphing calculator (TI 84 plus).**

Calculus

Grade Level: 11-12 Course Length: Full year Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Pre-Calculus/Trigonometry
Fee: $4.00

This two-semester course will review algebra topics, derivations of algebraic functions, and applications in finding maximums, minimums, related rates, and integration techniques.

Requirement: A Texas Instruments Graphing calculator (TI 84 plus).

Math Electives

Advanced Placement (AP) Calculus

Grade Level: 11-12 Course Length: Full year Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Pre-Calculus/Trigonometry with a B or better.
Approximate Fee: $101.00 (includes class fee $4.00 and AP exam $97.00)

This is a two-semester course designed to acquire Calculus I college credit for college-bound students. This course is designed to prepare students to take the AP Calculus Exam.

Students will be working at a college-level throughout the year. Topics to be covered in this course will be limits, derivatives, and applications to maximums, minimums, related rates, graphing, and integration techniques. **Requirement: A Texas Instruments Graphing calculator (TI 84 plus). LMHS requires all students enrolled in the AP course to take the AP Exam. A teacher recommendation is needed.**

Advanced Placement (AP) Statistics

Grade Level: 11-12 Course Length: Full year Credit: 1.0 (NCAA Approved)
Prerequisite: Successful completion of Algebra II with a B or better.
Approximate Fee: $101.00 (includes class fee $4.00, AP exam $97.00)

This is a two-semester course designed for college-bound students to acquire college credit for statistics. This course is designed to prepare students to take the AP Statistics Exam.
Students will be working at a college-level throughout the year. Topics to be covered in this course will be exploratory analysis of data, including interpreting graphical data and summarizing distributions of univariate and bivariate data, sampling, and experimentation, including planning and conducting a study. **Requirement: A Texas Instruments Graphing calculator (TI 84 plus). LMHS requires all students enrolled in the AP course to take the AP Exam. A teacher recommendation is needed.**

College Bound

Grade Level: 11-12 *Course Length: Semester*
Semester Credit: 0.5
Prerequisite: None
Fee: $2.00

Is college in your future? Do you want to be prepared to earn a better score on the ACT or SAT in math? Would you like to learn about life on campus in general? Do you want to be successful in college? All of these questions and more will be addressed. This course provides students with ACT/SAT math prep. Students will determine the right college, and students will be guided through the application, scholarship, and grant process. This class does not satisfy a core math credit.

Board Game Design

Grade level: 11-12 Course Length: Semester
Semester Credit: 0.5
Prerequisite: None
Fee: $2.00

Do you love playing and designing board games? This is a semester course where you learn the full spectrum of board games, and design techniques for each. You will learn the difference between theme-driven, mechanics-driven, and experience-driven design. You will tackle the task of communicating how to play your game, from title to contents and rules writing. You will get to learn different methods of designing games to see which fits your style and tastes.

Music Department

Concert Band

Grade Level: 9-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: Participated in Band grades 6 to 8
Fee: $20.00

This Ensemble is open to proficient students in their instruments and has a good understanding of music. Aspects of musicianship and good ensemble playing are emphasized, including tone, balance, blend, and knowledge of standard band/wind literature. Mandatory performances and concerts are scheduled throughout the year, allowing students to demonstrate skills learned and develop self-confidence, poise, and social growth. All incoming freshmen will be placed in the concert band. Students must take this course for a full year.

Symphonic Band

Grade Level: 9-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: Participated in band grades 6 to 8, concert band, and director approval
Fee: $20.00

This ensemble is open to proficient students in their instruments and has a strong understanding of music. An audition is required to participate in this ensemble and must be approved by the director. Aspects of musicianship and proper ensemble playing are needed, including tone, balance, and blend, along with a knowledge of standard band/wind literature. Mandatory performances and concerts are scheduled throughout the year, including competing in OMEA large group adjudicated events, which provides students an opportunity to demonstrate skills learned and develop self-confidence, poise, and social growth.

Students will be placed in the ensemble based on individual auditions conducted before enrolling.
A teacher recommendation is needed.

Tenor- Bass Chorus 1 and 2

Grade Level: 9-12 *Course Length: Semester each*
Credit: 0.5 each
Prerequisite: None
Fee: $15.00 per semester

A vocal ensemble tailored for young male voices, focusing on developing essential skills such as pitch matching, part singing, musical expression, diction, and balance in repertoire specifically designed for male voices. Evening performances provide opportunities for students to showcase their vocal skills, self-confidence, and stage presence. Participation in these concerts is mandatory for successful course completion. Additionally, students will study and perform mixed choir literature in collaboration

with other ensembles within the program. Students are required to participate in two concerts each semester (Semester 1: October and December; Semester 2: March and May).

Treble Choir 1 and 2

Grade Level: 9-12 Course Length: Semester each
Credit: 0.5 each
Prerequisite: None
Fee: $15.00 per semester

A vocal ensemble designed for young female voices, focusing on the development of choral skills such as pitch matching, part singing, musical expression, diction, and balance in repertoire specifically crafted for female voices. Evening performances provide students with opportunities to showcase their vocal skills, self-confidence, and stage presence. Participation in these concerts is required for successful course completion. Additionally, students will study and perform mixed choir literature in collaboration with other ensembles in the program. Students are required to participate in two concerts each semester (Semester 1: October and December; Semester 2: March and May).

Little Miami Chorale 1 and 2

Grade Level: 10-12 Course Length: Semester each
Credit: 0.5 each
Prerequisite: Audition and previous membership in women's choir, code of conduct must be signed by student and parent
Fee: $20.00 each semester (plus attire/travel Fees – vary per year)

LM Chorale (formerly Select Women's Chorale) is an auditioned ensemble comprised of women who have previously participated in the LMHS Treble Choir. Membership in this premier ensemble requires a full-year commitment and is reserved for students who demonstrate exceptional achievement, proficient sightreading abilities, and independent performance skills. The group studies and performs challenging literature specifically composed for female voices. As a competing ensemble, LM Chorale participates in OMEA District XIII large group adjudicated events, invitational festivals, competitions, and special commemorative events. The ensemble also maintains extensive obligations beyond the regular school schedule, including additional rehearsals, performances, and travel opportunities.
A teacher recommendation is needed.

Select Mixed Choir 1 and 2

Grade Level: 10-12, Course Length:Semester each
Credit: 0.5 each
Prerequisite: Audition with Choral Director, previous membership in the choir, code of conduct must be signed by student and parent
Fee: $20.00 per semester (plus attire/travel Fees – vary per year)

The Select Mixed Choir is an auditioned ensemble for men and women that requires a full-year commitment. Membership is granted to students who demonstrate exceptional achievement, proficient sight-reading abilities, and independent performance skills in either Treble Choir or Tenor-Bass Chorus. The ensemble studies and performs advanced-level choral literature for mixed voices. As a competing group,Select Mixed Choir participates in OMEA District XIII large group adjudicated events, invitational festivals, competitions, and special commemorative events. The Select Mixed Choir maintains a rigorous performance schedule, including rehearsals and performances outside of school hours, as well as travel opportunities in collaboration with LM Chorale.
A teacher recommendation is needed.

Beginning Guitar

Grade Level: 9-12 Course Length: Semester
Credit: 0.5
Prerequisite: None
Fee: $20.00

This is a basic course designed to teach the fundamentals of guitar performance while also giving a basic study in beginning music theory. The goal is to provide a solid musical education and emphasize guitar technique and performance.

School of Rock

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $5.00

This course is open to instrumentalists and vocalists who want to improve their ability to perform, improvise, compose music, and self-teach. Students must already know how to play an instrument or sing, as an intermediate playing ability and basic musicianship are required. However, students do not have to be able to read traditionally notated music. The instructor will assess individual abilities at the beginning of the course and will customize goals or make recommendations as necessary. The class focuses on learning and performing rock and country music throughout the semester in an ensemble-based context.

A signature from the instructor, Mr. Robinson, is required to enroll in this course. *Incoming 9th graders must email Mr. Robinson at grobinson@lmsdoh.org to obtain approval to sign up.

Rock and Roll Hall of Fame

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $5.00

This class is open to students who would like to explore Rock and Roll. This course surveys rock music's inception, evolution, and development in America and abroad from its earliest beginnings to today.

Essentials of Music Theory

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: Basic music reading skills preferred; teacher approval/signature required from a Band, Choir, or Guitar/S of R teacher
Fee: $20.00

In this course, students will understand how music is constructed: how scales and chords are formed; the relationship between major and minor keys; and, how music is composed through melody, harmony and chord progressions.

Advanced Music Theory

Grad Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: A grade of C or higher in Essentials of Music Theory, AND teacher approval/signature from a Band, Choir, or Guitar/School of Rock teacher
Fee: $20.00

In this course, students will apply the skills developed in the Essentials of Music Theory course to gain a more in depth understanding of music theory. Students will study methods used in the Common-Practice Period (1650-1850), which includes the Baroque, Classical and Romantic eras of music history. Students will analyze compositions through listening and visual identification of progressions and form; engage in aural training exercises (listening, sight-singing, dictation), and create original compositional works. The AP Music Theory text will be a guide for the course.

Science Department

Physical Science

Grade Level: 9 *Course Length: Full year*
Credit: 1.0
Prerequisite: None
Fee: $25.00

This course provides the foundation for all future high school science courses. Through this course, students will fulfill the state graduation requirement of one (1) Physical Science credit. Students will study various aspects of chemistry and physics including: classification of matter, atomic theory, periodic law, Newtonian physics, energy, waves, forces, motion, and history of the universe. Students will be introduced to lab techniques and equipment new to high school students in preparation for future courses. A particular emphasis is placed on both introductory chemistry and physics to prepare students for the optional full-year Chemistry or Physics courses offered to upperclassmen. This course also provides an

excellent foundation for Biology and other elective courses in grades 10-12. Upon completion of this course, students will have the opportunity to take Biology during their sophomore year to fulfill the state graduation requirement of one (1) Life Science credit.

Biology

Grade Level: 10 *Course Length: Full year*
Credit: 1.0
Prerequisite: None
Fee: $40.00

Through this course, students will fulfill the graduation requirement for 1 life science credit. Biology is the study of living organisms and their vital processes. Areas of study include genetics, ecology, biochemistry, cells, evolution, and diversity. The Ohio Department of Education required biology curriculum guides the topics of study and laboratory investigations. A heavy emphasis will be placed on laboratory work using microscopes and modeling living systems.

Honors Biology

Grade Level: 9-10 *Course Length: Full year*
Credit: 1.0
Prerequisite: An "A" in 8th grade science and passage of an assessment with teacher recommendation or four quarters above 98% in physical science and a teacher recommendation.
Fee: $40.00

Honors biology is intended for students who will pursue AP Chemistry, Honors Anatomy & Physiology, AP biology, and Honors Physics as upperclassmen. Incoming freshman who select this course skip freshman Physical Science (basic introductory chemistry and foundations of high school science) to accelerate their curriculum in order to have time to complete multiple AP courses as upperclassmen. Upon completion of this course, students will take Chemistry to fulfill the graduation requirement of 1 physical science credit.

Compared to non-honors biology, this course covers the Ohio Department of Education biology curriculum (also covered in non-honors biology) in greater depth and faster pace. Students will acquire an extensive vocabulary and form deep connections between topics of study. Areas of study include genetics, ecology, biochemistry, cell structure and function, evolution, and diversity. The Ohio Department of Education required biology curriculum guides the topics of study as well as laboratory investigations. A heavy emphasis will be placed on lab activities and independent work outside of class. Compared to other science courses, Honors Biology relies on a vast amount of vocabulary. Students taking this course should be skilled readers and able to quickly obtain new vocabulary.
A teacher recommendation is required.

Advanced Placement (AP) Biology

Grade Level: 11-12 *Course Length: Full year*
Credit: 1.0
*Prerequisite: Successful completion of Biology/Honors Biology and College prep/Honors Chemistry are **required**. It is highly recommended to have taken Honors Anatomy or Introduction to Anatomy prior to or the same year that you take AP Biology. Strong reading skills are also recommended.*
Approximate Fee: $162.00 (includes class fee $65.00 and AP exam $97.00)

This college-level biology course will prepare students to take the Advanced Placement Exam in biology. AP biology is taught according to the requirements established by the College Board. Students should be ready to study and prepare lab reports outside of class. The required labs allow students to gain technical skills in upper-level college biology courses. The major themes of AP Biology are the impact of evolution upon the diversity of living things, how organisms use energy, genetics, and the study of biological systems and their interactions. Students who complete the class and earn a 3, 4, or 5 on the College Board Exam may receive credit for college biology. This allows students to begin college with credit towards university requirements or start on a science major. Little Miami requires all students enrolled in an AP course to take the AP exam.
A teacher recommendation is required.

College Prep Chemistry (Non-honors Chemistry)

Grade Level: 10-12 Course Length: Full year
Credit: 1.0
Prerequisite: Minimum of C average in Biology and a "B" or higher in Geometry in Algebra I
Fee: $25.00

This course, primarily intended for college-bound students, is designed to continue studying the fundamental concepts of chemistry started in physical science during freshman year. This course meets the chemistry requirement needed to take other advanced science courses at LMHS. The topics included in this course are the mole concept, compound names and formulas, writing and balancing reactions, stoichiometry, gas laws, the chemistry of gases, solution chemistry (which includes concentration), reactions involving acids, bases, and salts, quantum theory, and a qualitative analysis lab project. In this lab project, students will use various laboratory techniques and investigate the specific chemistry of some common ions.
A teacher recommendation is required.

Honors Chemistry

Grade Level: 10-12 Course Length: Full year
Credit: 1.0
Prerequisite: Minimum of C average in Biology and a "B" or higher in geometry or an A in Algebra I.
Fee: $25.00

This course designed for a more in-depth and fast-paced study of concepts than college prep chemistry, involves higher mathematical calculations. This course, primarily intended for college-bound students meets the chemistry requirement needed to take advanced science courses at LMHS including Honors Anatomy and Physiology, AP Biology and AP Chemistry,

Topics included in this course are the mole concept, compound names and formulas, writing and balancing reactions and stoichiometry, gas laws, the chemistry of gases, solution chemistry (which includes concentration), reactions involving acids, bases, and salts, quantum theory, and a qualitative analysis lab project. In this lab project, students will use various laboratory techniques and investigate the specific chemistry of some common ions. **A teacher recommendation is required.**

Advanced Placement (AP) Chemistry

Grade Level: 11-12 Course Length: Full year
Credit: 1.0
Prerequisite: A "C" or higher in Chemistry
Approximate Fee: $197.00 (includes class fee $100.00, AP exam $97.00)

AP Chemistry is equivalent to a college-level general chemistry course that provides rigorous study in four major areas: structure, states of matter, reaction, and descriptive chemistry. Students must be highly motivated to tackle this thorough course. At the end of the year, students must take the Advanced Placement Examination for college credit. Students taking this course may be required to complete laboratory work outside of the regular class time. The student will demonstrate a basic understanding of, and the ability to apply, mathematical solutions to problems involving atomic theory and structures, chemical bonding, nuclear chemistry, kinetic theory, solutions, reaction types, stoichiometry, equilibrium, kinetics, thermodynamics, and descriptive chemistry. Evaluation is based on homework, lab reports, and tests. Much of the class is "out of class homework" and in-class "lab" based work. The out-of-class time requirement is 6-10 hours per week. In keeping with the objectives of the College Board, students enrolled in AP Chemistry courses will cover content equivalent to what is presented in two semesters of general college chemistry. Upon successful completion of this chemistry course and achievement of a satisfactory score on the AP Chemistry Examination, students may have the opportunity to receive available chemistry credits or place out of available chemistry classes and move into more advanced science courses during their first years in college.
A teacher recommendation is needed.

Introduction to Anatomy & Physiology

Grade Level: 11-12 Course Length: Semester
Credit: 0.5
Prerequisite: Must have a full credit in biology
Fee: $20.00

This one-semester course will focus on human anatomy, behavior, and the function of the human body. Students will learn about the various body systems, the names of bones and major muscles, how the heart functions, parts of the brain, and many other topics. Students will engage in lab exercises, lectures, computer web quests, and various hands-on activities. This class will also feature several dissections, including mammalian brains, hearts, eyes, and other organs. This class is designed for students interested in the human body and body systems at an introductory level. **This is a stand-alone course and is NOT required as a prerequisite course to Honors Anatomy and Physiology.**

NOTE: Because this course introduces Honors Anatomy and Physiology, students **may not** take this class after Honors Anatomy has been completed.

Honors Anatomy & Physiology

Grade Level: 11-12 Course Length: Full year
Credit: 1.0
Prerequisite: A "B" or higher in biology, AND a "C" or higher in College Prep or Honors Chemistry.
*NOTE: This is a stand-alone course. Intro to anatomy & physiology (semester elective) is **NOT** required to take this class.*
Fee: $35.00

This year-long course studies the structure and function of the human body systems. This is an advanced, rigorous course that is instructed on the college level and requires college-level academic dedication from the student, including several hours of study time outside of class each week. Students need a strong background in biology and chemistry, and students can expect to learn at least 750 vocabulary words throughout the course. The course begins with studying tissues, then covers the skeletal, muscular, and nervous systems. The second half of the course will explore the human body of systems techniques, including cardiovascular, digestive, and urinary. The course includes mostly lectures, supplemented by lab activities that include advanced dissection of cats, fetal pigs, and other mammalian organs. This course is recommended for students who have a genuine interest in a career in medicine, nursing, veterinary medicine, or a medically related field. This class is strongly recommended for students interested in taking AP Biology. **A teacher recommendation is required**.

Environmental Science

Grade Level: 11-12 Course Length: Semester
Credit: 0.5
Prerequisite: Must have a full credit in biology
Fee: $35.00

Environmental science looks deeper into what it means to study the environment and the broad scope of sciences it encompasses (biology, chemistry, and geology). It incorporates life and earth sciences, while introducing the student to concepts such as environmental economics, policy and law, and how they connect to and effect the scientific community. Hands on investigations, field study, and long-term research are used to understand and explain environmental science in a variety of scenarios that incorporate scientific reasoning, analysis, and real-world applications of past and current environmental issues. Topics studied may include environmental economics and law, human population, water quality, climate change, sustainability, species depletion extinction, air quality, minerals and soils, deforestation/loss of biodiversity, habitat loss, and waste management.

Forensic Science

Grade Level: 11-12 Course Length: Semester
Credit: 0.5
Prerequisite: None
Fee: $35.00

This course focuses on the skills and concepts behind crime scene investigation and forensic science. Topics of study include the history and development of the field of forensics, evidence

collection and crime scene investigation, hair and fibers, DNA, fingerprinting, and blood spatter. Students will also investigate famous forensics cases including the Lacy Peterson, Ryan Widmer, Carrie Culberson and JonBenet Ramsey cases. A heavy emphasis is placed on lab work as well as video/news coverage of crimes.

Marine Biology

Grade Level: 11-12 Course Length: Semester
Credit: 0.5
Prerequisite: Completion of biology or honors biology
Fee: $35.00

Marine Biology is devoted to the study of ocean life. This course provides the opportunity for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore the diversity of marine organisms and their ecological roles, an introduction to the structure and function of aquatic organisms, evolution and classification, the physical properties of the ocean, and the importance of resource conversation in our oceans.

Honors Physics

Grade Level: 11-12 Course Length: Full year
Credit: 1.0
Prerequisite: A "C" or better in Algebra II, current enrollment in Pre-Calculus or higher math course is required
Fee: $15.00

This non-calculus course is designed to give students a strong base in the fundamentals of physics and prepare them for the first-level science courses in college. Emphasis will be on laboratory work and problem-solving. A strong math background is recommended. Topics covered include vectors, motion, forces and mechanics, and the details within matter, heat energy, thermodynamics, wave phenomena, and sound.
A teacher recommendation is required.

Honors Physics 2

Grade Level: 11-12 Course Length: 2nd Semester
Credit: 0.5
Prerequisite: Completed Honors Physics 1A-B or currently enrolled in Honors Physics 1A-B and Chemistry
Fee: $5.00

Honors Physics 2 will cover the traditional Physics topics not covered in the 1A-B course. These topics include light and optics, static electricity, electric current and circuits, magnetism and nuclear physics. This class is taken after taking Honors Physics 1A-B or while currently taking Physics 1A-B. Honors Physics 2 will only be offered during 2nd semester.
A teacher recommendation is needed.

Honors Advance Biology

Grade Level: 10-12 Course Length: Semester
Credit: 0.5
Prerequisite: C or higher in honors biology or A or B in non-honors biology
Fee: $35.00

This is a hands-on biology elective for students who want to explore the amazing variety of life on Earth and how all living things are connected. In this lab-heavy course, students study real organisms—from microscopic life to plants and animals—while learning how scientists classify species, compare structures, and trace evolutionary relationships. Students will use microscopes, analyze specimens, conduct dissections, and investigate how organisms are adapted to survive in different environments. This course is perfect for students who enjoy labs, want a deeper understanding of biology beyond the basics, and are considering AP Biology or a future major in science or healthcare. This course is an advanced biology elective to be taken after the completion of honors biology in previous years. **A teacher recommendation is required.**

World History

Grade Level: 9 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Fee: $4.00

World History will study world history from the Enlightenment to the imperialist movement. The second half of the year will teach world history from the start of World War I to the present day.

Honors World History

Grade Level: 9 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: A "B" or higher in 8th grade American History and English, recommendation of 8th-grade social studies teacher
Fee: $4.00

Honors World History will study world history from the Enlightenment to the imperialist movement. The honors course will be taught accelerated and will detail each topic covered. The second half of the year will study world history from the start of World War I to the present day.
A teacher recommendation is needed

Advanced Placement (AP) World History

Grade Level: 9-12 *Course Length: Full year*
Credit: 1.0
Prerequisite: None
Fee: $118.00 (includes class fee $4.00, AP exam $89.00, AP workbook $25.00)

AP World History is a two-semester course that traces the development of World Civilization from 1200 C.E. to the present day. Its content is structured around the investigation of five course themes including the interaction between humans and the environment; the development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and the development and transformation of social structures. APWH culminates in a *required* Advanced Placement test in May. Success on this test can result in the earning of college credit that is awarded by *most* universities throughout the country. This means that all students should expect nightly reading assignments, daily quizzes, rigorous testing, and extensive amounts of analytical writing. Students should enter class with a foundation in the following skills; effective notetaking, reading comprehension, self-discipline, critical thinking, primary source analysis, and most importantly: a growth mindset and willingness to accept feedback. This foundation will be strengthened and expanded over the course of your two semesters in APWH. AP World History will be one of the most challenging and rewarding classes that you have the opportunity to take here at LMHS. An open mind and willingness to be challenged are required.

American History

Grade Level: 10 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Fee: $4.00

The first half of the year will study U.S. history from the late 1800s through the New Deal era. The second half of the year will teach U.S. history from World War II to the modern era post 9/11. Students will analyze key foundational documents in American history, such as the Declaration of Independence, Articles of Confederation, the U.S. Constitution, and the Bill of Rights.

Honors American History

Grade Level: 10 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: A "B" or higher in World History and English
Fee: $4.00

Honors American History will study U.S. history from the late 1800s through the mid-20th century. The honors course will be taught accelerated and will detail each topic covered. The second half of the year will study U.S. history from World War II to post 9/11.
A teacher recommendation is needed

Advanced Placement (AP) U.S. History

Grade Level: 10-12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: A "B" or higher in World History
Approximate Fee: $101.00 (includes class fee $4.00, AP exam $97.00)

The American History Advanced Placement course will study America's past and follow the current advanced placement syllabus. This course will cover American History from pre-Columbian times to the present. It will require reading, discussion, and analysis. A considerable amount of outside reading and research will be expected to study and learn the issues encountered. The course will evaluate information and compare and analyze primary and secondary sources of historical material and cause-and-effect relationships throughout American history. Grades will be determined by several exams, analysis of outside readings, and class participation. This course is designed to prepare students to take the Advanced Placement Exam. All students enrolled in an AP course must take the AP Exam. Above-average reading and writing skills are a necessity for this course. **A teacher recommendation is needed**

American Government

Grade Level: 11 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

American Government studies institutions and processes through which decisions are made for society. This semester's course will focus on the three branches of government and issues and events which make the three branches relative to today. The course will also focus on studying political parties, elections and voting, and the importance of mass media, public and foreign policy. This is a state-required course.

Advanced Placement (AP) U.S. Government and Politics

Grade Level: 11 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: None
Approximate Fee: $101.00 (includes class fee $4.00, AP exam $97.00)

American Government studies institutions and processes through which decisions are made for society. This course follows the current Advanced Placement syllabus. In this course, the study of modern politics and its history in the United States will be examined through an analytical analysis of the Constitution and the three branches of government. In this course, students will deal with concepts such as the foundations of government, federalism, civil rights and liberties, the impact of the mass media, interest groups, and elections. Extensive independent reading and writing are required. Above-average reading and writing skills are required for this course. Government is a state-required course for graduation.
A teacher recommendation is needed

Principles of Economics

Grade Level: 12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

This course will cover the basic economic concepts, including how society uses scarce resources to satisfy the desires of its citizens for goods and services. Other concepts covered will include opportunity Fees, supply and demand, price determination, and other micro and macroeconomic concepts.

Ancient World Civilizations

Grade Level: 9-11 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

Ancient Civilizations will cover the period from the beginning of the Neolithic Revolution in approximately 10,000 B.C.E. until the fall of the Byzantine Empire in 1453 C.E. We will explore the political, economic, and social causes of the rise and fall of the World's greatest empires.

Current Issues 1

Grade Level: 11-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

Current Issues is a semester course designed for juniors and seniors to study the major events affecting the world today. Topics include issues facing the United States and the world today.All work is completed in class, emphasizing class discussion.

Current Issues 2

Grade Level: 11-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

Current Issues 2 is an extension of Current Issues 1 and is a semester course designed for junior and seniors to study the major events affecting the world today. Topics include issues facing the United States and the world today. All work is completed in class, emphasizing class discussion. You do not have to take current issues 1 before taking current issues 2.

World Cultures and Geography

Grade Level: 9-11 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

This course will examine different geographical regions of the world and the cultural differences of people. Through exploring various regions we will learn how geographical factors, along with economic, political, and social differences, have shaped the lives of the people who live there.

Introduction to Psychology

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: None
Fee: $4.00

This course will provide a broad introduction to the field of psychology. It is intended to acquaint the student with major concepts and terminology common in psychology; among topics that are covered are: history of psychology, understanding the brain, consciousness, learning (conditioning), memory, and intelligence.

Advanced Placement (AP) Psychology

Grade Level: 11-12 *Course Length: Full year*
Credit: 1.0 (NCAA approved)
Prerequisite: None
Approximate Cost: $99.00 (includes class fee $4.00, AP exam $95.00)

AP Psychology is a year-long, college-level course designed to prepare students for the Advanced Placement (AP) Psychology exam. The goal of this course is to introduce students to the vast field of psychology and to understand its connections and application to everyday life. AP Psychology explores psychology as the scientific study of human behavior and mental processes. Students will learn about key contributors to the field of psychology, psychological perspectives and theories, and the phenomena psychologists' study and how they are studied. In the context of understanding and applying psychological approaches, students will learn about concepts and theories related to the biological bases of behavior and how people sense and perceive the world. They will explore human development, learning processes, motivation, thinking and intelligence, social psychology, and the diagnosis and treatment of psychological disorders. By examining the research, theories, and analyses that have formed the knowledge base of the discipline, students will critically engage with topics throughout the course, evaluating claims

and evidence, to understand and appreciate the breadth of areas of psychological study. In addition to learning a great deal about psychology, the course emphasizes many concepts that form a foundation for further learning in both academic studies and later life. By the conclusion of this course, students will be able to find ways to apply psychology to their own lives and to helping others. They will understand the major milestones throughout the human lifespan and appreciate that the world can be seen from multiple perspectives. Students will leave the course having enhanced their scientific reasoning skills and be better aware of instances of bias and faulty reasoning. Ultimately, students will demonstrate a mastery of psychology's main concepts and develop skills and strategies for learning and thinking that are applicable beyond the study of psychology itself.

Law & Criminal Justice

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5
Pre-Requisite: None
Fee: $4.00

This class provides an overview and in-depth look at the American legal system. Students will take an in-depth, hands-on look at the lawmaking process, explore differences between criminal and civil law, review the juvenile justice system, and learn about Alternative Dispute Resolution.

Sociology

Grade Level: 10-12 *Course Length: Semester*
Credit: 0.5 (NCAA Approved)
Prerequisite: none
Psychology Fee: $4.00

Sociology is the study of social relationships, institutions, and group behavior in societies. This class studies a person's behavior in group situations and their interaction during the physical and mental growth periods. It explains patterns of social life and examines social control to help us better understand behavior and motivation and develop individual thought and discipline.

ASL 1

Grade Level: 9-12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: none
Approximate cost: $10.00

This course is the first year of American Sign Language (ASL). This is an introductory course designed for students with little or no previous study of ASL. This course teaches basic conversation, grammar, and vocabulary. The focus is on expressive and receptive American Sign Language, fingerspelling, and the culture of the Deaf community. Each unit will cover vocabulary related to a specific theme (friends and family, leisure activities, school or work, etc.) and grammar concepts appropriate to level 1. As students progress through each unit, they will build upon previously learned material and be given opportunities to strengthen their use of their expressive and receptive language skills. This course does meet most college requirements as a world language, but it does not meet the requirements as a world language for military academies.

ASL 2

Grade Level: 10-12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: ASL 1
Fee: $10.00

ASL II is a continuation of the study of American Sign Language I. Students will learn vocabulary, grammar, Deaf Culture norms and the develop the practical skills and knowledge necessary for basic interactions within the Deaf Community.

French 1

Grade Level: 9-12 *Course Length: Full year*
Credit: 1.0 (NCAA Approved)
Prerequisite: none
Fee: $10.00

This one-year-year course is designed to develop foreign language skills and prepare students to live in a global society. Classroom instruction is designed to develop the ability to communicate in a second language by involving students in communicative tasks.

Classroom instruction includes listening, reading, speaking, and writing skills. Students will learn French in a contemporary cultural context.

French 2

Grade Level: 9-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in French 1
Fee: $10.00

The second-year elective course is designed to enhance world language skills, further language skills and prepare students to live in a global society. Classroom instruction is designed to increase the ability to communicate in a second language by involving students in communicative tasks. Classroom instruction includes reading, writing, listening, and speaking skills. Students will learn the target language in a contemporary cultural context. French is used whenever possible for explanation and application.

French 3

Grade Level: 10-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in French 2
Fee: $10.00

This advanced-level course emphasizes grammatical skills, conversation, and reading. Students will communicate in written and spoken French at a greater level and speak in French daily. Various aspects of the culture of the French-speaking world are studied. The third year of language study is one of the criteria for the honors diploma.
A teacher recommendation is needed

French 4 Honors

Grade Level: 11-12 Course Length: Full year
Credit: 1.0 (NCAA Approved) Prerequisite: A passing grade in French 3
Fee: $10.00

French IV students practice language skills daily in the four areas of language learning: listening, speaking, reading, and writing. Advanced grammar studies continue through an emphasis on literature. Composition skills are refined through a variety of writing exercises. This class will prepare students for AP French the following year. **A teacher recommendation is needed.**

AP French

Grade Level: 12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A "C" or better in level 4 French
Approximate Fee: $102.00 (Includes $5 class fee and $97 AP exam fee)

The purpose is to develop proficiency in the French language. Students have already acquired a basic knowledge of the language and culture of French-speaking peoples and have developed a reasonable proficiency in listening comprehension, speaking, reading, and writing. This course stresses vocabulary, oral skills, composition and grammar, and requires students to use French for active communication. This class is conducted primarily in the target language to promote language proficiency. Students work toward building a larger reading, speaking, and listening vocabulary through materials representative of the French- speaking culture. Extensive training in the organization and writing of compositions is an integral part of AP French.
A teacher recommendation is needed.

Spanish 1

Grade Level: 9-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: none
Fee: $10.00

Spanish I introduces the Spanish language using basic vocabulary and simple grammar. Listening, speaking, reading, and writing skills are also developed. Students will study the culture of Spanish-speaking countries. This course is heavy on vocabulary.

Spanish 2

Grade Level: 9-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in Spanish 1
Fee: $10.00

Spanish II continues to develop listening, speaking, reading, and writing skills. Students also build a cultural awareness of the people and countries expressed by. The course is heavy on grammar.

Spanish 3

Grade Level: 10-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in Spanish 2
Fee: $10.00

This Spanish III course is a continuation of Spanish II. The class builds upon concepts learned in Spanish II. A rigorous curriculum in a high-paced environment is geared to challenge students. There will be a stronger focus on oral work, writing, listening, and reading throughout each unit. Additional emphasis will be placed on paper, literature, and the Spanish-speaking world's cultural aspects. All students will create projects/dialogues and daily work and assessments.
A teacher recommendation is needed

Spanish 4 Honors

Grade Level: 11-12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A passing grade in Spanish 3
Fee: $10.00

This Spanish IV is a course that builds upon the communication skills mastered in the three previous levels. Students will be studying advanced vocabulary and grammatical concepts. Students will be expected to use these skills in communication and writing within situations learned. A rigorous curriculum in a high-paced environment is geared to challenge students. There will be a stronger focus on oral work, writing, listening, and reading throughout each chapter. Spanish is spoken by the instructor and the students for most of this class; however, grammar and more technical explanations may occur in English.
A teacher recommendation is needed.

AP Spanish

Grade Level: 12 Course Length: Full year
Credit: 1.0 (NCAA Approved)
Prerequisite: A "C" or better in level Spanish 4
Approximate Fee: $157.00 (Includes $60 class fee and $97 AP exam

The purpose is to develop proficiency in the Spanish language. Students have already acquired a basic knowledge of Spanish-speaking peoples' language and culture and have developed a reasonable proficiency in listening comprehension, speaking, reading, and writing. This course stresses vocabulary, oral skills, composition and grammar, and requires students to use Spanish for active communication. This class is conducted primarily in the target language to promote language proficiency. Students work toward building a larger reading, speaking, and listening vocabulary through the materials representative of the Spanish-speaking culture. Extensive training in the organization and writing of compositions is an integral part of AP Spanish.
A teacher recommendation is needed

Career Experiences

Career Experiences Internship

Grade Level: 11-12 Course Length: Semester
Credit: 1.0+
Prerequisite: 3.2 unweighted GPA; Driver's License and Transportation; No school suspensions
Fee: $5.00

The Career Experiences Internship Course offers seniors the opportunity to gain exposure to possible careers through work-based learning. This course enables students to test-drive their career of interest before graduation and develop employability skills to be more prepared for the workforce and/or postsecondary education after graduation.

Career Experiences Pre-Apprenticeship

Grade Level: 12 *Course Length: Semester*
Credit: 1.0+
Prerequisite: 3.2 unweighted GPA; Driver's License and Transportation; No school suspensions; on-track to graduate
Fee: $5.00

The Career Experiences Pre-Apprenticeship Course offers seniors the opportunity to gain exposure to possible careers through work-based learning. This course enables students to test-drive their career of interest before graduation and develop employability skills to be more prepared for the workforce and/or postsecondary education after graduation.

WCCC Satellite Programs

***Denotes CTAG Course/Class is weighted**

Business Microsoft Certification

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $4.00

Using Microsoft Office 2019 through Test Out Office Pro, students will learn or improve their computer skills in Word, Excel, PowerPoint, and Access. This integrated online training course will allow students to practice, apply, and test their skills in real-word business scenarios. In addition, many career paths and employment opportunities require the skills to utilize Word, Excel, PowerPoint, and Access. Students will have the option to earn MOS certification upon completion of the course.

Accounting*

Grade Level: 11-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: Intro to Business
Fee: $30.00

Accounting is the language of business and is recommended for anyone interested in studying business in college, whether management, marketing, economics, finance, or entrepreneurship. Use this course as a solid stepping stone for a successful transition to college in learning accounting fundamentals. Topics include cash control, planning, recording, analyzing, interpreting financial information, and payroll for a service business organized as a proprietorship or a merchandising business organized as a corporation.

Students will be members of the Business Professionals of America student organization to participate in business conferences and competitions.

Introduction to Business

Grade Level: 9-11 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $4.00

Introduction to Business will familiarize students with the functional areas within a business. Students will learn about the business environment, principles and motives of business people and institutions, business vocabulary, marketing tools, and managerial skills. A critical thinking process will be used to understand better entrepreneurship, forms of business ownership, accounting, production, marketing, finance, management, business ethics, computers, international business, human relations, law, and diversity issues. Introduction to Business will help students prepare for the upper-level business courses offered in the Little Miami Business Academy.

Strategic Entrepreneurship*

Grade Level: 11-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: Intro to Business
Fee: $30.00

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast Fees, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized.

Strategic Entrepreneurship is also designed to give students an understanding of global business needs. The global business industry is growing fast and is looking for business talent. Topics include cultural, social, ethical, governmental, and legal influences, importing/exporting, currency, risk management, and marketing. The course will look deeper into the needs and wants of international and domestic companies to give students the understanding and knowledge they need to succeed in future business endeavors.

Students will be members of the Business Professionals of America student organization to participate in business conferences and competitions.

Digital Media Arts

Intro to Digital Media Arts (DMA)*

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Prerequisite: None
Fee: $5.00

This semester-long elective includes an introduction to graphic design, video editing, and animation in a creative environment. Intro to DMA will challenge you to explore your creativity and give you a chance to develop skills in Adobe Photoshop, Adobe Premiere, and Adobe Animate as you create your assignments in the programs. This course provides a great introduction to digital media for students interested in the Digital Media Arts academy their junior year.

Digital Media Arts 1 and 2 (DMA)*

Grade Level: 11-12 Course Length: 2-year program two periods blocked schedule
Credit: 2.0 per year
Prerequisite: None
Fee: $60.00

Digital Media Arts Academy is a two-year career/technical program. Students interested in pursuing careers in art, graphic design, interactive media design, animation, illustration, photography, filmmaking, or video editing are strongly encouraged to participate. This program combines academic rigor with technical training. Students benefit by building a career portfolio and achieving industry software certification.

Students enrolling in DMA will study graphic design, digital photography, animation, and video/audio production in a computer laboratory environment. This challenging and fast- paced course is open to all juniors and requires previous digital media experience. Students will build their art and computer skills and become proficient in Adobe CS6 products Photoshop, Flash, Premiere, and After Effects. This course will provide hands-on training with a digital camera, scanners, digital video cameras, and other forms of electronic media. Additional topics covered are employability, customer relations, teamwork, and project management. This course meets for two consecutive bells for the entire year.

Engineering

PLTW Pathway to Engineering

The PLTW Pathway to Engineering (PTE) program is a sequence of courses that follows a proven hands-on, real-world problem-solving approach to learning. Throughout PTE, students learn and apply the design process, acquire strong teamwork and communication proficiency, and develop organizational, critical-thinking, and problem-solving skills. They discover the answers to questions like how things are made and what processes create products. Students use industry-leading 3D design software companies like Intel and Lockheed Martin. They explore aerodynamics, astronautics, and space life sciences.
Students apply biological and engineering concepts related to biomechanics – think robotics. They design, test, and construct circuits and devices such as smartphones and tablets and work collaboratively. It is STEM education, and it's at the heart of today's high-tech, high-skill global economy.

PLTW1: Intro to Engineering Design (IED)*

Grade Level: 9-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: None
Approximate cost: $35.00

This is the first course of the PLTW Engineering pathway and is mandatory for the other engineering courses. Students use a problem-solving model to improve existing products and invent new ones. They learn how to apply these skills to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the design and details of the products. Emphasis is placed on analyzing potential solutions and sharing ideas with others. There will be a course offered every year for four years.

PLTW 2: Principles of Engineering (POE)

Grade Level: 10-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: PLTW 1; sophomores, juniors: Algebra II (or higher) or Introduction to Engineering Design (may be taken concurrently); none for seniors.
Approximate cost: $25.00

Students expecting to enter a science-engineering field are encouraged to take this course. Principles of Engineering explores the wide variety of engineering careers and covers various technology systems and manufacturing processes. Using activities, projects, and problems, students learn first-hand how engineers and technicians use math, science, and technology in an engineer problem-solving process to benefit people. Topics covered include mechanisms, energy sources and applications, statistics, material properties and testing, control systems (robotics), machine control, fluid power, statics, and kinematics. This course is available to students who have passed Introduction to Engineering and anyone currently taking Algebra II or higher-level math.

PLTW 3: Aerospace Engineering*

Grade Level: 9-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: None
Approximate cost: $35.00

This course propels students' learning in the fundamentals of atmospheric and space flight. Students explore flight physics and bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. This course is open to juniors and seniors.

PLTW 4: Digital Electronics (DE)

Grade Level: 10-12
Course Length: Full Year
Credit: 1.0
Prerequisite: PLTW1 (may be taken concurrently).
Approximate cost: $35.00

From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

Robotics

Grade Level: 10-12 *Course Length: Full Year*
Credit: 1.0
Prerequisite: By invitation only
Approximate cost: $35.00

Students will develop STEM skills, engage in community outreach and practice engineering innovation. Students work together to design and build robots. Students will develop skills they already have, or explore new ones, such as programming, electronics, metalworking, graphic design, web creation, public speaking, videography, and many more.

The Information Technology (IT) program is created to prepare students to enter the workforce with industry-recognized professional certifications. The program consists of college credit, career exploration, real-world projects, and networking opportunities. Students who take advantage of this program can develop their leadership skills, network with other students of similar interests and college personnel and business professionals. Students can participate in competitions and apply for paid summer internships. This program utilizes a combination of web-based, instructor-led learning and hands-on labs.

What is your future in IT? IT is a high paying, fast growing field specializing in coding, web design, game development, help desk technician, cybersecurity, network administration, database management, and system administration. Whether you imagine yourself behind a computer screen or interacting with end-users to support their technical needs, a job in IT could be for you. We have some great opportunities available at our Little Miami High School/Warren County Career Center satellite location. In addition, we have partnerships with a variety of post-secondary institutions to help you pursue your future in IT and assist in scholarships.

University of Cincinnati Early IT Program

Through a partnership between the University of Cincinnati School of Information Technology, Warren County Career Center, and Little Miami, high school students have a pathway to complete their first year of college while in high school. In addition, students have the opportunity to meet their college education with minimal debt through the co-op program offered by the University of Cincinnati.

Students who want to participate in the Early IT Program must take the required 6 IT courses and general education requirements, which are 1 AP or CCP math course, AP or CCP English, and 1 AP or CCP humanities course. For automatic acceptance into the UC program, students can complete all 6 IT courses. For preferred acceptance in the UC program, students can complete at least 2 IT courses.
The six required IT classes are:
●IT 1050: Fundamentals of Information Technology
●IT 1080C: Computer Networking
● IT 1081C: System Administration
●IT 1090C: Computer Programming 1
●IT 2040C: Fundamentals of Web Development
●IT 2060C: Database Management 1
In addition, students must complete the following classes via AP or CCP:
●AP English or CCP English (ENGL 1001: English Composition)
●Any AP Math or CCP Math in College Algebra (MATH 1021) or Pre-Calculus (MATH 1026)
●AP humanities (history) course or COMM 1076: Introduction to Interpersonal Communication
●PD 1010: Professional Development for CECH (optional course for seniors, otherwise, will be taken at UC)
Some classes will be offered at LMHS. However, if you are interested in taking the following courses through the Early IT program, these will only be offered through College Credit Plus (CCP). See Mr. Barnett in room 2302 for more info about the courses and your guidance counselor for more information on the requirements and how to apply for CCP.
● Database Administration
● System Administration
● Computer Networking

Introduction to Information Technology (IT)

Grade Level: 9-12 *Course Length: Semester*
Credit: 0.5
Pre-requisites: None

This course can be completed for college credit, which you can get by passing the WebXam, which will give you credit for any college in Ohio or a bilateral credit through The University of Cincinnati. By passing the course, this course will fulfill half of the Technology seal.

This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in

today's society. Topics covered include tech basics, data and privacy, internet technologies, cybersecurity, networking, application and software, operating systems, hardware, databases, coding, and the future of technology. There will be hands-on activities involving labs and a semester long project.

Students enrolled in this course can earn college credit and industry recognized credentials. Students in this course will be a part of the Early IT Program offered through the University of Cincinnati, with this course counting as IT 1050: Fundamentals of Information Technology.

Information Technology Capstone

Grade Level: 11-12 Course Length: Semester/Year
Credit: 0.5 to 2.0
Pre-requisites: Successful completion of at least one IT course, minimum unweighted 3.0 GPA, be currently enrolled in a course in IT (in house or via CCP), and recommendation from teacher/counselor.

This course is designed to provide students with real-world experience by working in a professional setting aligned with their career interests in Information Technology. This course will emphasize the development of the workplace skills, such as problem-solving, teamwork, communication, and technical proficiency, while reinforcing the academic knowledge gained in prior coursework.

Students will engage in internships, job shadowing, and/or co-op opportunities with local businesses and industry partners, allowing them to apply their classroom learning in a real-world environment. In addition to the on-site work experience, students will participate in regular classroom meetings and complete reflection activities, career development projects, and presentations to demonstrate growth in their career readiness.

It is recommended, but not a requirement, to enroll as a CCP student at UC to continue to continue to complete the classes for the Early IT program.

Introduction to Cybersecurity

Grade Level: 10-12 Course Length: Semester
Credit: 0.5
Pre-requisites: Passed Intro to Information Technology with a "C" or higher

This course can be completed for college credit, which you can get by passing the WebXam, which will give you credit for any college in Ohio. By passing the course, this course will fulfill half the requirements of the Technology seal.

This is an introductory course in the topic of cybersecurity. Topics include security concepts, threats, vulnerabilities, and mitigations, cryptographic solutions, identity and access management, network architecture, resiliency and site security, vulnerability management, network and endpoint security, incident response, protocol, app, and cloud security, security governance concepts, risk management processes, and data protection and compliance.

Students enrolled in this course can earn college credit and industry recognized credentials. This class is not a part of UC's Early IT program at this time, but could be added in the future. If you want to take this class for CCP college credit, sign up for IT 2030C: Information Security and Assurance.

Advanced Placement Cybersecurity

Grade Level: 10-12 Course Length: Full Year
Credit: 1.0
Pre-requisites: Passed Intro to Cybersecurity with a "C" or higher

AP Cybersecurity is a yearlong high school course that offers a broad introduction to the field and aligns closely with a college-level, introductory cybersecurity course. Students learn about common threats and vulnerabilities and how they combine to create risk. Students study how individuals and organizations manage risk and how risk can be mitigated through a defense-in-depth strategy. Students explore specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains including physical spaces, computer networks, devices, and data and applications. Throughout the course, students consider the impact of cybersecurity on

individuals, organizations, societies, and governments. Content and skills taught in the course align with the professional skills outlined in the National Initiative for Cybersecurity Education Workforce Framework.

Web Development*

Grade Level: 9-12 *Course Length: Year*
Credit: 1.0
Pre-Requisites: None
Fee: none

This course can be completed for college credit, which you can get by passing the WebXam, which will give you credit for any college in Ohio or a bilateral credit through The University of Cincinnati. By passing both semesters of the course, this course will fulfill the Technology seal.

Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web-based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables. Students will build their own site from scratch as part of a year long project for the course.

Students enrolled in this course can earn college credit. Students in this course will be a part of the Early IT Program offered through the University of Cincinnati, with this course counting as IT 2040C: Fundamentals of Web Development

Computer Programming*

Grade Level: 10-12 *Course Length: Year*
Credit: 1.0
Pre-Requisites: Passed Algebra 1 with a "C" or higher
Fee: none

This course can be completed for college credit, which you can get by passing the WebXam, which will give you credit for any college in Ohio or a bilateral credit through The University of Cincinnati. By passing both semesters of the course, this course will fulfill the Technology seal.

This course is an introductory programming course that utilizes the Java programming language. Topics in this course include primitive types, using objects, Boolean expressions and If statements, iteration, writing classes, arrays, ArrayLists, 2D arrays, inheritance, and recursion.

Students will have a variety of coding projects throughout the course. Students enrolled in this course can earn college credit. Students in this course will be a part of the Early IT Program offered through the University of Cincinnati, with this course counting as IT
1090C: Computer Programming 1.

Advanced Placement (AP) Computer Science A*

Grade Level: 10-12 *Course Length:* Year
Credit: 1.0
Pre-Requisites: Algebra 1 with a passing score of "B" or higher
Approximate Fee: $97 (Current Fee for AP Exam)

This course can be completed for college credit, which you can get by passing the WebXam, which will give you credit for any college in Ohio or a bilateral credit through The University of Cincinnati. By passing both semesters of the course, this course will fulfill the Technology seal. AP Computer Science A is an introductory college-level computer science/programming course.

Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students taking this course will study the Java programming language.

Students enrolled in this course can earn college credit. Students in this course will be a part of the Early IT Program offered through the University of Cincinnati, with this course counting as IT1090C:Computer Programming1.

Online courses are approximately $280.00 per semester per course or $560.00 for a full-year course. All classes are subject to availability from the online providers.

Advertising and Sales Promotion

Course Length: Semester *Credit: 0.5*

What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you the software you already have? No matter what your feelings are about it, there is no denying the sheer magnitude of the marketing industry. Every year companies spend $200 billion promoting their products and services—and that is in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. This course will teach how marketing campaigns, ads, and commercials are conceived and brought to life. You will meet some creative men and women who produce those memorable ads and commercials. In addition, you will discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

African-American History

Course Length: Semester *Credit: 0.5*

How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation and to the modern African diaspora, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, you'll come face to face with individuals who changed the course of history and learn more about slavery, the Civil Rights Movement, and the many contributions of the African American community to American life. You will also explore how the history of African Americans influences current events today.

Agriscience

Course Length: Semester *Credit: 0.5*

In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

Agriscience II: Sustaining Human Life

Course Length: Semester *Credit: 0.5*

Science and technology are revolutionizing many areas of our lives, and agriculture is no exception! From aquaculture to genetic engineering, agriscience finds new ways to better produce and manage plants, from the field to the garden. In Agriscience II, you will build on your existing knowledge of plant science, delve deeper into important areas such as soil science and weed management. You will learn more about horticulture and plant science trends, from creating hybrid species to growing edible plants in unlikely places.

Anthropology I: Uncovering Human Mysteries

Course Length: Semester *Credit: 0.5*

Anthropology aims to use a broad approach to understand our past, present, and future, and in addition, address the problems humans face in biological, social, and cultural life. This course will explore humankind's evolution, similarity, and diversity through time. It will look at how we have evolved from a biologically and culturally weak species to one that can cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

Anthropology II: More Human Mysteries Uncovered

Course Length: Semester *Credit: 0.5*

Anthropology has helped us better understand cultures worldwide and through different periods. This course continues the study of global cultures and how humans have made sense of their world. We will examine how civilizations have understood and given meaning to different stages of life and death. The course will also investigate the creation of art within cultures and how cultures evolve and change over time. Finally, we will apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

Art History I

Course Length: Semester *Credit: 0.5*

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

Archaeology: Detectives of the Past

Course Length: Semester *Credit: 0.5*

The field of archaeology hello understands better the events and societies of the past that have helped shape our modern world. This course focuses on the techniques, methods, and theories that guide history study. Students will learn how archaeological research is conducted and interpreted and how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

Astronomy: Exploring the Universe

Course Length: Semester *Credit: 0.5*

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Biotechnology: Unlocking Nature's Secrets

Course Length: Semester *Credit: 0.5*

Can we bring back extinct species? Will the cures for cancer, malaria, and other diseases come from the combination of natural materials and new technologies? How is science changing the foods we eat? Welcome to the world of biotechnology! In this course, you will explore the history of biotechnology, including early attempts at food preservation, the development of antibiotics, and changes to food crops around the world. You'll also learn more about some of the challenges of biotechnology, such as the growth of antibiotic- resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). Finally, you'll research new biotechnologies and how they are changing the world we live in.

Careers in Criminal Justice

Course Length: Semester *Credit: 0.5*

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

Career Planning & Development

Course Length: Semester *Credit: 0.5*

Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

Concepts of Engineering and Technology

Course Length: Semester *Credit: 0.5*

Each day, we are surrounded by technology and engineering projects. From our phones to the bridges we drive over, engineering and technology influence many parts of our lives. In Concepts of Engineering and Technology, you will learn more about engineering and technology careers and what skills and knowledge you will need to succeed in these fields. You will explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help you understand the emerging issues in this exciting career field.

Cosmetology: Cutting Edge Styles

Course Length: Semester *Credit: 0.5*

Learn the basics of cosmetology. Students will explore career options in cosmetology, learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist.

Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology-related businesses.

Cosmetology 2: The Business of Skin and Nail Care

Course Length: Semester *Credit: 0.5*

Helping people put their best face forward is a growing, vibrant industry, which needs skilled and personable professionals well-versed in the latest trends and technological advances. In this course, students will experience what the day-to-day life of a cosmetologist is like. They will discover that cosmetology is much more than knowing and applying techniques.

Additionally, students will explore skincare and facials, learn how to give manicures and pedicures, apply artificial nails, and understand different hair removal techniques.

Criminology: Inside the Criminal Mind

Course Length: Semester *Credit: 0.5*

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from psychological, biological, and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles criminals and their misdeeds. Why do some individuals commit crimes? Why do others not? What aspects of our culture and society promote crime and deviance? Why are different punishments given for the same crime? What

factors… from arrest to sentence…help shape the criminal case process?

Culinary Arts

Course Length: Semester *Credit: 0.5*

Food is all around us—we are dependent on it and enjoy it. This course will give you the fundamentals to start working in the kitchen and gaining experience exploring and establishing your talents for cooking and preparing food creatively and safely. You will learn safety measures and enhance your knowledge of various foods and spices. If you enjoy hands-on learning and want to deepen your understanding of culinary arts, this is a great course to start. Food is all around us—we are dependent on it and enjoy it. This course will give you the fundamentals to start working in the kitchen and gaining experience exploring and establishing your talents for cooking and preparing food creatively and safely. You will learn safety measures and enhance your knowledge of various foods and spices. If you enjoy hands-on learning and want to deepen your understanding of culinary arts, this is a great course to start.

Cybersecurity I

Course Length: Semester *Credit: 0.5*

We depend more and more on the technologies we interact with every day, and we put more and more of our data out there online. Can all of that data be kept "secret"? We all need to know more about protecting our personal information, especially given how much we rely on and use our network devices and media. You will learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. You will also dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

Drugs & Alcohol

Course Length: Full *Credit: 1.0*

This course delves into the types and effects of drugs, including alcohol, tobacco, steroids, over-the-counter medications, marijuana, barbiturates, stimulants, narcotics, and hallucinogens. Students learn about the physiological and psychological effects of drugs, as well as the rules, laws, and regulations surrounding them. The difference between appropriate and inappropriate drug use will also be discussed. In addition, students will learn about coping strategies, healthy behaviors, and refusal skills to help them avoid and prevent substance abuse, as well as available resources where they can seek help.

Early Childhood Education

Course Length: Semester *Credit: 0.5*

Would you like to impact the most important years of human development? Students will learn how to create fun and educational environments for children, keep the environment safe for children and encourage the health and well-being of infants, toddlers, and school- aged children.

Exercise Science

Course Length: Full *Credit: 1.0*

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly and motivate themselves and others. Basic anatomy, biomechanics, and physiology will serve as a foundation for students to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course to enhance the student comprehension of this multifaceted subject. *This course is recommended for grades 10–12.

Fashion and Interior Design

Course Length: Semester *Credit: 0.5*

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might be for you! In this course, you will explore what it is like to work in the industry by exploring career possibilities and the background that you need to pursue them. Get ready to try your hand at designing as you learn the basics of color and design, then test your

skills through hands-on projects. In addition, you will develop the essential communication skills that build success in any business. By the end of the course, you will be well on your way to creating the portfolio you need to get your stylishly clad foot in the door of this exciting field. Required Materials: Clothing items Sewing machine, Thread Fabric, Clothing Patterns, Measuring tape, Sketchpad, Paper, Scissors.

Family & Consumer Sciences

Course Length: Full *Credit: 1.0*

This course prepares students with various skills for independent or family living. Topics covered include childcare, home maintenance, food preparation, money management, medical management, clothing care, and more. The course focuses on household, personal, and consumer health and safety. In addition, students learn goal-setting and decision-making skills and explore possible career options.

Family Living & Healthy Relationships

Course Length: Full *Credit: 1.0*

Students will examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life—including information on self-discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development, from infancy to adulthood. The course also focuses on various skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

First Aid & Safety

Course Length: Full *Credit: 1.0*

Students learn and practice first aid procedures for various common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to respond to a variety of emergencies. They also know the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety and disaster preparedness.

Game Design I

Course Length: Semester *Credit: 0.5*

The possibilities are endless when it comes to video game design! Learn about the history of gaming, software and hardware, troubleshooting, and Internet safety. Tap into your creative abilities and learn the necessary technical skills to design your gaming platforms and create a plan for a 2D game. Turn your hobby into a future career. Required Materials: Computer with: internet access, slide show program, a word processing program, Unity LTS Release 2017.4.0f1 OS: Windows 7 SP1+, 8, 10, 64-bit versions only; Mac OS X 10.9+. Server versions of Windows & OS X are not tested. GPU: Graphics card with DX10 (shader model 4.0) capabilities. Timing device (smartphone, stopwatch, or kitchen timer) Photo and video equipment Maybe a digital camera, a phone with a camera or a computer camera Several (10-20) pieces of blank paper Pencil and Optional pen Materials: For students who prefer to complete activities/lab by hand: Poster board or butcher paper Markers, crayons, colored pencils.

Game Design II

Course Length: Semester *Credit: 0.5*

Explore all things related to video game design. Gain skills to conceptualize, design, and fully create a video game. Explore software and hardware, sharpen your coding skills, learn about storylines, player progression, and algorithmic decision-making. Analyze a variety of gameplay components. Required Materials • Computer with OS: Windows 7 SP1+, 8, 10; Mac OS X 10.8+. Windows XP & Vista are not supported, and server versions of Windows & OS X are not tested. Firefox or Chrome browser for Audio App used in Unit 1 GPU: Graphics card with DX9 (shader model 3.0) or DX11 with feature level 9.3 capabilities. More advanced gaming prototypes may require more advanced hardware! You must have the ability to download software onto your computing device. Audio Recording device (microphone, etc.) Mouse/trackball with scroll wheel.

Gothic Literature: Monster Stories

Course Length: Semester *Credit: 0.5*

These frightening stories have influenced fiction writers since the 18th century, from vampires to ghosts. This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. A few of the articles presented are terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil. By the time students have completed this course, they will understand and appreciate the complex nature of dark fiction.

Great Minds in Science: Ideas for a New Generation

Course Length: Semester *Credit: 0.5*

Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers answer all of these questions. Like Edison, Einstein, Curie, and Newton, today's scientists ask questions and work on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals and shows how their ideas may help to shape tomorrow's world.

History of the Holocaust

Course Length: Semester *Credit: 0.5*

Holocaust education requires a comprehensive study of times, dates, and places and the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism, the rise of the Nazi party, and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, high school students will understand the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

Hospitality & Tourism: Traveling the Globe

Course Length: Semester *Credit: 0.5*

With higher disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism are among the fastest-growing industries globally. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development, and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

Hospitality & Tourism 2: Hotel and Restaurant Management

Course Length: Semester *Credit: 0.5*

Students will learn what makes the hotel and restaurant industries unique in this course. They will learn about large and small restaurants, boutique and resort hotels, and their day- to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. They will also discover trends and technological advances that make each industry exciting and innovative. Students will explore various interesting job options, from Front Desk and Concierge services to Front-of-House and Food Service.

Restaurant Management

Course Length: Semester *Credit: 0.5*

Students will learn what makes the hotel and restaurant industries unique in this course. They will learn about large and small restaurants, boutique and resort hotels, and their day- to-day operations. Students will evaluate the environment for these businesses by examining

their customers and their competition. They will also discover trends and technological advances that make each industry exciting and innovative. Students will explore various interesting job options, from Front Desk and Concierge services to Front-of-House and Food Service.

Introduction to Coding

Course Length: Semester *Credit: 0.5*

Intro to Coding covers a basic introduction to programming principles, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their code using real programmers' approaches in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

Introduction to Coaching

Course Length: Full *Credit: 1.0*

This course introduces students to various healthcare careers and develops the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the health care field.

Introduction to Health Science

Course Length: Semester *Credit: 0.5*

This course introduces students to various healthcare careers and develops the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the health care field.

Introduction to Military Careers

Course Length: Semester *Credit: 0.5*

You've probably seen an old movie about a hotshot naval aviator, or perhaps a more recent film about the brave actions of Special Forces operatives. However, do you know what careers the military can offer you? Introduction to Military Careers will provide the answers. The military is far more diverse and offers many more career opportunities and tracks than most people imagine. In an Introduction to Military Careers, you will learn about not only the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be a fantastic place to pursue your dreams.

Introduction to Nursing 1 & 2

Course Length: Full *Credit: 1.0*

This course introduces students to the field of nursing. In the first semester, students will learn about the history and evolution of nursing, education and licensure requirements, career path options, and nursing responsibilities. The course will also focus on foundational information such as basic anatomy, physiology, medical terminology, pharmacology, first aid, and disease prevention. Students will examine various nursing theories in semester two and focus on the nursing process, including assessment, diagnosis, and treatment options.

Students will also learn about professional and legal standards and ethics. Additional communication skills, teaching, time and stress management, patient safety, and crisis management will be included.

Introduction to Renewable Technologies

Course Length: Semester *Credit: 0.5*

Interested in transforming energy? With concerns about climate change and growing populations' effects on traditional energy supplies, scientists, governments, and societies increasingly turn to renewable and innovative energy sources. In the Introduction to Renewable Technologies course, you will learn all about the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. You will also learn more about renewable technologies' environmental and social effects and examine how people's energy decisions impact policies.

Introduction to Social Media

Course Length: Semester *Credit: 0.5*

Have a Facebook account? What about Twitter? Whether you have already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on various social media platforms is crucial to survive and thrive in this age of digital communication. This course will learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more. You will also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course would show you how to use these resources in much more powerful ways.

Journalism: Investigating the Truth

Course Length: Semester *Credit: 0.5*

If you're the first to know what's going on in your school or town or the first to post on Facebook or Instagram about your favorite TV shows or favorite celebrities, then you're just the person that every online, in print, and broadcast news outlet is looking for. In addition, Journalism: Investigating the Truth is the perfect course for you! In this course, you will learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You will also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

Law & Order: Introduction to Legal Studies

Course Length: Semester *Credit: 0.5*

Every society has laws that its citizens must follow. From traffic laws to government regulations, rules help the organization with order and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help protect the community from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. This course focuses on creating and applying rules in various areas of society. By understanding the workings of our court system and how laws are carried out, we become more informed and responsible citizens in our communities and of our nation.

Medical Terminology

Course Length: Semester *Credit: 0.5*

This semester-long course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The system allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the health care field with a deeper understanding of applying the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

Music Appreciation: The Enjoyment of Listening

Course Length: Semester *Credit: 0.5*

Music is part of everyday life and reflects the spirit of our human condition. We distinguish and identify cultures on local and global levels to know and understand music. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century.

Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Mythology & Folklore: Legendary Tales

Course Length: Semester *Credit: 0.5*

Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore have been used to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of legend, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves.

They will explore the universality and social significance of myths and folklore and see how they still shape society today.

National Security

Course Length: Semester *Credit: 0.5*

In this course, you will learn the critical elements of this very important career, such as evaluating satellite information, analyzing training procedures, assessing military engagement, and preparing intelligence reports. In addition, you will gain a better understanding of appropriate responses to security threats and how best to coordinate information with other agencies.

Nursing Assistant

Course Length: Full *Credit: 1.0*

This two-semester course prepares students to provide and assist with all aspects of activities of daily living and medical care for the adult patient in the hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology and procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skills, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Certified Nursing Assistant (CNA).

Nutrition and Wellness

Course Length: Semester *Credit: 0.5*

This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about worldwide views of nutrition, essential nutrient requirements, physiological processes, food labeling, weight management, healthy food choices, fitness, diet-related diseases and disorders, food handling, healthy cooking, nutrition for different populations, and more. Students gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

Outdoor Sports

Course Length: Full *Credit: 1.0*

This course provides students with an overview of dual and individual sports. Students learn about various sports and study hiking, orienteering, golf, and dual volleyball. Students learn each mark's history, rules, and guidelines and practice specific skills related to many sports. Students also learn the FITT principles, benefits of fitness, and safety and technique.

Students conduct fitness assessments, set goals, and participate in weekly physical activity.

Peer Counseling

Course Length: Semester *Credit: 0.5*

Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and emphatic communication skills that counselors need, and provides basic training in conflict resolution and group leadership. Not only will this course prepare you for working as a peer counselor, but the skills taught will enhance your ability to communicate effectively in your personal and work relationships.

Pharmacy Technician

Course Length: Full *Credit: 1.0*

This course prepares students for employment as a Certified Pharmacy Technician (CPhT) and covers the skills needed for the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a CPhT.

Philosophy: The Big Picture

Course Length: Semester *Credit: 0.5*

This course will take you on an exciting adventure covering more than 2,500 years of history! Along the way, you will run into some very strange characters. For example, you will read about a man who hung out on street corners, barefoot and dirty, pestering everyone he met with questions. You will learn about another eccentric who climbed inside a stove to consider whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the most brilliant and influential thinkers of all time. As you learn about these great thinkers, you will come to see how and where many of the most fundamental ideas of Western Civilization originated. You will also get a chance to ask yourself some of the same questions these great thinkers pondered. By the time you have "closed the book" on this course, you will better understand yourself and the world around you…from atoms to outer space…and everything in between.

Philosophy of Agriculture, Food, and Natural Resources

Course Length: Semester *Credit: 0.5*

Food has to travel from the farm to the table. In Agriculture and Natural Resources, you will learn about all of the steps in that journey, beginning with the history of agriculture through animal husbandry, plant science, and managing our use of natural resources. In this course, you will receive a broad understanding of the subject matter, preparing you for future hands- on learning, participation in Future Farmers of

America, and supervised agricultural experiences. Required Materials: A digital camera or camera phone. Supplies for an experiment of the student's choice.

Principles of Public Service: To Serve and Protect

Course Length: Semester *Credit: 0.5*

Have you ever wondered who decides where to put roads? Or make sure that someone answers the phone when you call 911? Or determines that a new drug is safe for the public? These tasks and many more are part of public service, focusing on building healthy societies. Public service includes many different careers, but they all aim to work for others. This course will explore some of the most common career paths in public service. Working for the public also comes with specific expectations since protecting society is important. Therefore, if you want to work for the greater good, you probably have a public service career! PUBLIC

SPEAKING The art of public speaking is one, which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric and then traces those foundations into the modern world. Students will learn the theory and the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

Real World Parenting

Course Length: Semester *Credit: 0.5*

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Learn what to prepare for, expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/ child relationships are covered in this course.

Restaurant Management

Course Length: Semester *Credit: 0.5*

Have you always dreamed of running your restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers restaurants, managing kitchen and wait staff, food safety and hygiene, customer relations, marketing; using a point-of-sale system; scheduling employees, and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast-food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment. Required Materials: ƒ A digital camera or camera phone ƒ Ingredients and tools to make a simple food dish of student's choice ƒ Stove/grill/oven/microwave.

Social Problems I: A World in Crisis

Course Length: Semester *Credit: 0.5*

Students will become aware of the challenges faced by social groups and learn about the complex relationship among societies, governments, and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level and the individual will be examined. Students will learn more about how social problems affect them personally and begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

Social Problems II: Crisis, Conflicts & Challenges

Course Length: Semester *Credit: 0.5*

The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem and how it affects their lives. Each unit focuses on a particular social issue, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments, and the individual.

Sports Officiating

Course Length: Full *Credit: 1.0*

Students will learn the rules, gameplay, and guidelines for various sports, including soccer, baseball, softball, basketball, volleyball, and football, in this course. In addition, they will learn the officiating calls and hand signals for each sport and the role a sports official plays in maintaining fair play.

Veterinary Science: The Care of Animals

Course Length: Semester *Credit: 0.5*

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. This course will examine some common diseases and treatments for domestic animals by looking at the pets that live in our homes, farms, zoos, and wildlife sanctuaries. Toxins, parasites, and infectious diseases affect not only the animals around us, but at times we humans as well! Disease prevention and treatment and treatment are studied and applied through veterinary medicine and science.

World Religions: Exploring Diversity

Course Length: Semester *Credit: 0.5*

Throughout the ages, religions worldwide have shaped societies' political, social, and cultural aspects. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss similarities and differences among the major religions and examine the connections and influences.

Online World Language

American Sign Language I

Course Length: Full *Credit: 1.0*

This beginning of this full-year course will introduce you to vocabulary and simple sentences so that you can start communicating right away. Importantly, you will explore Deaf culture: social beliefs, traditions, history, values, and communities influenced by deafness. The second semester will introduce you to this language and its grammatical structures.

American Sign Language II

Course Length: Full *Credit: 1.0*

In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. They will expand their knowledge of the language and their understanding of the world in which it is frequently used. Students will grow their sign vocabulary and improve their interaction using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities.

Chinese I

Course Length: Full *Credit: 1.0*

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, 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

Course Length: Full *Credit: 1.0*

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, 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.

German I

Course Length: Full *Credit: 1.0*

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

Course Length: Full *Credit: 1.0*

Students continue their introduction to high school German in this second-year course reviewing 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.

Latin I

Course Length: Full *Credit: 1.0*

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.

AP Courses

AP classes through Edgenuity and NWU North Western University.
The NWU prices could increase for the 2026-2027 school year.

Class	Description	Semesters
AP English Language & Composition	Read a wide array of fiction and non-fiction to strengthen your critical literacy skills. Expository, analytical, and argumentative writing skills that form the basis of effective communication are emphasized.	2 Edgenuity $560
AP Human Geography Full Year	Geography generally focuses on the question of “Where?” Human geography tries to answer the question, “Why there?” Examine the basics of cultural change, regionalism, and political organization in this multifaceted approach to understanding world geography.	2 Edgenuity $560
AP Psychology	Understand various theories of behavior and cognition, participate in research exercises, and study the current practices of psychology in multiple contexts. The course culminates in an experiment that includes collecting, interpreting, and evaluating data.	2 Edgenuity $560
AP Environmental Science	Study the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Lab activities require fieldwork.	2 Edgenuity $560