



Cardinal High School

Course Selection Guide

2019-2020

The MISSION of the Cardinal School Community is to provide a stimulating educational environment for the development of students to be successful, responsible, lifelong learners and productive members of society.

Cardinal Local Schools

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Dr. Jennifer Sabol, Pupil Services Director

Dear Students,

As you begin the scheduling process, you will be making decisions that will have a great impact on your future. This book is your guide to selecting the courses that you will take next year. It is extremely important that you gather all of the necessary information before making your choices. To assist you, we have arranged the following opportunities:

1. The subject area teacher who is familiar with your ability can be a great resource and answer specific questions about which courses he or she would recommend that you take next year. For this reason, you will be required, for some courses, to have teachers initial your selections on the registration worksheet. Please note the course descriptions for classes which require a teacher's recommendation as a prerequisite. Standardized testing information is also used in making recommendations for Honors and AP level courses.
2. The counselor and administration is available to assist you in this process as well. Students and parents may schedule an individual appointment to meet regarding specific concerns.

Because the master schedule is created and faculty and staffing decisions are made based upon the classes students select, it is important that you carefully consider course selection. Please be sure to read each course description carefully to be sure you are registering for appropriate courses and that you understand what the fees will be. The courses your student selects will be the courses they take for the entire year. Changes requested later may not be possible.

Every effort will be made to allow you to take the courses that you request, however, occasionally conflicts occur. We will not know what the conflicts will be until later in the spring, when the master schedule is built. Should an irresolvable conflict occur, you will be scheduled for one of the alternate classes that you selected on your worksheet.

In the event that you do not pass a required course, you must register for credit recovery for next year. If the course is re-taken before school begins in the fall, the counselor will make the appropriate changes and will contact you if there are any questions.

We are proud to offer a broad variety of elective courses designed to meet your needs and interests. Our goal is to prepare you for success in the post-secondary program of your choice, or in the military, or the career field. I strongly encourage you to take the most rigorous courses you can as you prepare for you future after Cardinal High School.

Sincerely,

Mr. Bill Kermavner, Principal

Mrs. Jill DeRamo, School Counselor

Dear CHS Families,

As we begin the scheduling process, you will hold a vital role in the decisions that can have a great impact on your student's future. This book is you and your student's guide to selecting the courses that they will take next year. The counselor is available to assist you in this process as well. Students and parents may schedule an appointment to meet regarding specific concerns.

We encourage all students to take the most rigorous courses that they can handle to prepare themselves for the wider world beyond Cardinal High School. Maintaining balance with all things in life is also a very important consideration to keep in mind. You know your student best, and we are relying on you to help your student maintain that balance.

We create the master schedule based upon the classes students select; therefore, it is important to carefully consider course selections. The master schedule also drives our staffing decisions. Please be sure to read each course description carefully to be sure your student is registering for appropriate courses and that you both understand what the fees will be. The courses your student selects will be the courses they take for the entire year. Changes requested later may not be possible.

Every effort will be made to allow students to take the courses they request, however, occasionally conflicts occur. We will not know what the conflicts will be until later in the spring, when the master schedule is built. Should an irresolvable conflict occur, your student will be scheduled for one of the alternate classes that they have selected on their worksheet.

In your student does not pass a required course, he/she must register for credit recovery for next year. If the course is re-taken before school begins in the fall, (via summer school) the counselor will make the appropriate changes and will contact you if there are any questions.

We are proud to offer a broad variety of elective courses designed to meet your needs and interests. Our goal is to prepare your student for success in the post-secondary program of their choice, in the military or the world of work.

Sincerely,

Mr. Bill Kermavner, Principal

Mrs. Jill DeRamo, School Counselor



CARDINAL HUSKIES

High School Staff

Eric Cardinal	Social Studies
Ben Clutter	Science
Jill DeRamo	School Counselor
Bethany Drebus	English
Josh Esenwine	Math
Ipce Flores	Spanish
Tim Florjancic	Band/Music
Maureen Fowler	English
Jeff Fry	Health/Physical Education
Brian George	Social Studies
Kara Gillespie	Math
Kathryn Gladwell	Intervention Specialist
Jean Jerina	Computer Science
Tyler Jones	Math
Luke Kruse	Social Studies
Danielle Moon	Science
Nicole Nicholas	Intervention Specialist
Candi Peters	Intervention Specialist
Vanessa Pintabona	Choir/Music
Andrea Quinones	Science
Kim Richards	Art
Meghan Turon	English

BLOCK SCHEDULE

Classes at Cardinal High School are scheduled by blocks. Each class is approximately 80 minutes in length and continues for one semester. Classes meeting every day for a semester earn 1 credit, except for Health/Physical Education, which earns 0.25 of PE and 0.5 credit health for each semester. Students can earn up to 8 credits each year and need 24-26 credits to graduate from Cardinal High School (see graduation requirements). Blocks 3, 4, and 5 are shorter in length and are called "*skinny*" classes. Students typically eat lunch during one of these blocks and attend class the other two blocks. We have organized our schedule in this manner to allow students to take both Band and Choir which meet during the lunch blocks. If a student takes Band only or Choir only they must register for another skinny class.

SCHEDULING PROCESS

Registration for high school courses begins in February. An information session will be held in the evening for all high school students and their parents to learn more about graduation requirements, course offerings, and the technical aspect of the registration process. In addition, the high school counselor will present to the eighth grade classes to ensure they understand the process as a first time registrant. Every student is encouraged to meet with the counselor and consult with their teachers about their course choices based on their future plans for careers and/or continued education. Students will register for their courses through the Student Infinite Campus Portal. Students must pick 12 courses: 8 regular and 4 alternates. All students will be scheduled for a **minimum of 4 credits/courses** per semester. **There are no study halls, so each block must be filled with a course.** Students enrolled full-time in a College Credit Plus program, must take a minimum of 12 semester hours. There will be few schedule changes once requests have been processed. Students and parents should select courses based on individual need and plans. The master schedule is developed based on student requests and it is the goal of the high school administration and counselor to issue schedules prior to summer break.

COURSE CREDIT

For a student to receive credit for a course, they must remain in the course for its entire length and receive a final grade of "D" or better. Partial credit will not be granted for unfinished courses, except in unusual circumstances which will require the principal's approval.

CLASS STANDING

Students are assigned to their grade level as determined by the number of credits earned. The minimum number of credits required for assignment to each grade level above the ninth grade is as follows:

- Grade 9 -- Freshman ----- No credits are on High School record
- Grade 10 -- Sophomore ---- A minimum of 6 credits on High School record
- Grade 11 -- Junior ----- A minimum of 12 credits on High School record
- Grade 12 -- Senior ----- A minimum of 18 credits on High School record

Requirements for graduation are established by the State Legislature, the State Department of Education and the Cardinal Board of Education. Students not meeting the requirements, will not receive a diploma.

<u>Subject/Course</u>	<u>Credits Needed*</u> <u>(Class of 2020 and beyond)</u>
English	4
Math Must include 1 unit each (or the equivalent) of Algebra 1, Geometry, and Algebra 2	4
Science Must include 1 unit each of Physical Science, Life Science, and 2 Advanced Sciences	4
Social Studies Must include 1 unit of each of World History, American History, American Government, and Economics or Financial Literacy Elective Course	4
Physical Education **	0.5
Health (CPR/AED Training must be completed as a graduation requirement. This will be offered through the Health course)	0.5
Fine Art (Career Tech students are exempt, but must take an additional credit in its place)	1.0
Electives At least 1 unit must be in one of the following categories: Foreign Languages, Fine Arts, Business, Career-Technical, Technology, Family and Consumer Science, or Agricultural Education	8.0
	26 credits total
Community Service Requirement (transfer students – 10 hours per year at CHS)	40 hours
Testing Requirement See below for additional info.	Next Generation

*One (1) unit/credit is a minimum of 120 hours of course instruction

**CHS offers a waiver to exempt students who, during high school, participate in interscholastic athletics, band or cheerleading for two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years from the physical education requirement. Students must take another course of at least 60 contact hours in its place.

Beginning with the Class of 2018

In addition to the requirements above, the following must be met:

All students take end-of-course exams in:

- Algebra I and Geometry or Integrated Math I and II
- Biology
- American History and American Government
- English I and English II

Students studying Advanced Placement (AP) or International Baccalaureate (IB) must take the state end of course exams even if they are taking the AP exam. Students taking CCP courses in place of any of the above courses, will earn points based on their course grade, therefore; are not required to take the state exam.

And meet one of the following three:

1. Earn a cumulative passing score on seven end-of-course exams. The scores are set by the State Board of Education. Students must earn a minimum of 18 total points. Students can earn from 1-5 points for each exam, based on their performance.

- 5 – Advanced
- 4 – Accelerated
- 3 – Proficient
- 2 – Basic
- 1 – Limited

2. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.

3. Earn a State Board of Education-approved, industry recognized credential or a state issued license for practice in a career and achieve a score that demonstrates work-force readiness and employability, on a job skills assessment.

COLLEGE ENTRANCE REQUIREMENTS

Cardinal High School is chartered and approved by the Department of Education of the State of Ohio. Cardinal High School offers courses that will meet the entrance requirements of most universities and colleges in the United States. It is suggested that students' study the entrance requirements of the college they expect to attend and plan courses accordingly. When colleges consider an applicant, they are concerned with the overall qualifications of the student. Emphasis is placed on such things as high school preparation (grades, rank in class, and course rigor), scores on college entrance examinations, high school and community activities and recommendations of the high school principal, counselor, or teacher.

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

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

NOTES:

For the Academic, International Baccalaureate, and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all [high school diploma requirements](#) in the Ohio Revised Code including:

½ unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

¹ Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

² Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

³ Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

⁴ The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

⁵ Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

⁶ The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

⁷ Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

⁸ These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found [here](#). Further information on test concordance can be found [here](#).

To plan a selection of subjects effectively each year, each student should select a course of study compatible with his/her goals.

College Preparatory Path

A commission appointed by the Ohio Board of Regents and the State's Board of Education developed a recommended, minimum, college preparatory curriculum which includes: 4 credits of English, 4 credits of mathematics (beginning with Algebra 1 and including Algebra II or its equivalent, one of which should be taken during the senior year), 3 credits of social studies, 3 credits of science, and 2 credits of one world language. In addition, many colleges and universities require 1 credit in the fine arts. Students planning to attend either state or private colleges are encouraged to follow this curriculum as a minimum. The purpose of this recommendation is to help students with the transition from high school to college and to reduce remediation, particularly in mathematics and English, at the college level.

Career Preparatory Path

The Technical course of study is intended for those students who plan to enter the world of work immediately upon completion of high school, a technical school, the Armed Forces, or college. Technical courses are available primarily in the eleventh and twelfth grades. Careful planning needs to be done in 9th and 10th grade to insure that graduation requirements will be met. Please see the listing of “Technical Education Programs” in the Auburn Career Center Section.

SUGGESTED TRACKS OF STUDY

(R) = Required class for that grade level

(RS) = Required class to graduate; suggested for this grade level but may be taken at another time

(A) = Students interested in attend Auburn Career Center

Students taking high school courses in the 8th grade can accelerate these pathways and open their schedules to take additional college coursework in high school. Students can take Physical Science, Algebra 1, and Physical Education in 8th grade.

COLLEGE PREPARATORY PATH

<u>9th Grade</u>		<u>10th Grade</u>		<u>11th Grade</u>		<u>12th Grade</u>	
English 9 (R)	1 cr.	English 10 (R)	1 cr.	English 11 (R)	1 cr.	English 12 (R)	1 cr.
*Math (R)	1 cr.	*Math (R)	1 cr.	*Math (R)	1 cr.	*Math(R)	1 cr.
Phy. Science (R)/Biology (R)	1 cr.	Biology (R)/Adv. Science (R)	1 cr.	Adv. Science (R)	1 cr.	Adv. Science (R) if still needing 4 credits	1 cr.
M. World History (R)	1 cr.	Am. History (R)	1 cr.	Am. Government (R)	1 cr.	W. Language (RS)	1 cr.
P.E (RS)	.5 cr.	W. Language (RS)	1 cr.	W. Language (RS)	1 cr.	Other Electives	4 cr.
Health (RS)	.5 cr.	**Econ/Fin. Lit. choice (RS)	1 cr.	Fine Art (RS)	1 cr.		
W. Language (RS)	1 cr.	Other Electives	2 cr.	Other Electives	2 cr.		
Other Electives	1 cr.						
Colleges may require a world language for all majors.							

CAREER PREPARATORY PATH							
9th Grade		10th Grade		11th Grade ***		12th Grade	
English 9 (R)	1 cr.	English 10 (R)	1 cr.	English 11 (R)	1 cr.	English 12 (R)	1 cr.
*Math (R)	1 cr.	*Math (R)	1 cr.	*Math (R)	1 cr.	*Math(R)	1 cr.
Physical Science (R)	1 cr.	Biology (R)	1 cr.	Adv. Science (RS)	1 cr.	Adv. Science (R)	1 cr.
M. World History (R)	1 cr.	Am. History (R)	1 cr.	Am. Government (R)	1 cr.	Other Electives or (A)	5 cr.
P.E (RS)	.5 cr.	**Econ/Fin. Lit. choice (RS)	1 cr.	Fine Art (RS) (A exempt)	1 cr.		
Health (RS)	.5 cr.	Adv. Science (RS) (A)	1 cr.	Other Electives or (A)	3 cr.		
Other Electives	2 cr.	Other Electives	2 cr.				
*Four credits of mathematics are required for graduation (through Algebra II). See mathematics courses.							
** Must choose one of the following: Law and You, Contemporary World Issues, and Economics							
*** Auburn students must take one 11th grade course in 10th and 12th grade year.							

ADVANCED PLACEMENT PROGRAM

What is the Advanced Placement Program?

The College Board's Advanced Placement (AP) Program is an opportunity for students to pursue college-level studies while still in secondary school and to receive advanced placement, credit, or both, in college. By challenging and stimulating students, the AP Program provides access to high quality education, accelerates learning, rewards achievement, and enhances both high school and college programs.

Students can benefit from taking AP courses by learning a subject in greater depth, developing skills that will be critically important to successful study in college, and demonstrating to colleges their willingness to undertake a challenging course.

Starting in the 2019-2020 school year, CHS students must take the AP exam if they are taking the course.

The cost of the test is at the student's expense with fee reductions for those that qualify. All examinations are evaluated according to the following five-point scale: 5–Extremely well-qualified, 4–Well-qualified, 3–Qualified, 2–Possibly qualified, 1–No recommendation

EDUCATIONAL OPTIONS

Credit can be earned by use of educational options in several ways. Students may choose to earn credit through the Credit Flexibility Option or through taking college courses, as part of the College Credits Plus program. If you are interested in earning credit using one of these options, you must see your counselor for more details and follow a specific application procedure. The deadline to notify the school if you plan to participate in any of these options is April 1st.

Credit Flexibility

Senate Bill 311 establishes that students may be able to earn high school through a credit flexibility plan. Cardinal High School participates in such a plan. With Credit Flex, high school students can earn credit in three ways, or in a combination of these ways:

1. By completing traditional coursework
2. By testing out or otherwise demonstrating mastery of the course content; or
3. By pursuing one or more "educational options" (e.g., distance learning, educational travel, independent study, an internship, music, arts, after-school program, community service or engagement project and sports).

College Credit Plus

Eligible students can take a course and earn high school and college credit that appears on both their high school and college transcripts. All courses offered through College Credit Plus—even courses offered in the high school—must be the same course that the college offers. The course must apply to a degree or professional certificate. College Credit Plus replaces the Post-Secondary Education Option, also known as CCP, and redefines “alternative dual enrollment” programs as advanced standing programs. Students must notify the high school by April 1st of each year.

There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. Students choosing to enroll in a participating private college or university might incur costs.

This program has distinct advantages and also risks and consequences. Students must meet the college’s admission requirements. Students and parents may have several questions about this program. An appointment should be made with your School Counselor if you intend to participate in the program.

Cardinal offers a number of CCP courses in the building. The availability of these courses will depend on registration. Students have the option of earning college credits through Lakeland Community College if they meet entrance requirements and pass the course. The following courses are offered.

College Credit Plus Courses offered on the CHS campus in which students can earn credits through Lakeland Community College or Hiram College.

Code	Name	College credits
BIOL 1510	Principles of Biology I	4
BIOL 23400	Human Biology	4
ART 1120	Art Appreciation	3
ENGL 1110	College Composition 1	3
ENGL 1120	College Composition 2	3
ENGL 2270	Readings in American Literature	4
HIST 2150	U.S. History: Colonization Through Reconstruction	3
HIST 2250	U.S. History: Reconstruction to the Present	3
SPAN 1001	Elementary Spanish I	4
SPAN 1002	Elementary Spanish II	4
ITIS 1005	Computer Essentials (formerly Computers and Info Processing)	3
ITIS 1100	The Internet: Services, Tools and Webpage	3
	Total CCP credits that can be earned at CHS	41

Auburn Career Center offers educational opportunities that focus on the acquisition of skills within a career cluster, to students from Berkshire, Cardinal, Chardon, Fairport, Harvey, Kenston, Kirtland, Madison, Newbury, Perry, and Riverside high schools. Students need to apply to ACC during their sophomore year. Career & Technical or College Tech Prep are the two pathways offered at ACC. ***College credit may be earned in the College Tech Prep Pathway.*** Students may continue their education at a (two-year or four-year) college or technical school or opt to enter the workforce directly following high school graduation. Acceptance at ACC is based on:

- Student's interest area (Individual Career Plan)
- Credits and grades earned at (your school)
- Parental approval
- ACC approval

Cardinal High School students should have successfully completed the recommended courses by the end of their sophomore year:

- English 9 & 10
- World History & American History
- Algebra I & Geometry
- Physical Science & Biology
- Health & Physical Education
- Fine Art Requirements
- One 11th grade required course

Students enrolled in courses at Auburn must enroll for their required academic classes at Cardinal High School. Bus transportation is provided to Auburn Career Center for all career/technical students.

Programs of Study at Auburn

Advanced Manufacturing	Emergency Medical Services
Allied Health Technology	Heating, Ventilation & Air Conditioning
Architecture & Program Management	Industrial Maintenance Services
Automotive Collision Repair	Information Support and Services
Automotive Technology	Interactive Multimedia Technology
Business Management Technology	Internet Programming & Development
Computer Networking Technology & Cyber Security	Patient Care Technician
Construction	Plant, Turf & Landscape Management
Cosmetology	Sports Medicine
Criminal Justice & Security	Teaching Professions Pathway
Culinary	Welding
Electrical Engineering Prep	

Cardinal High School offers an online program for students that may not be able to attend courses on a regular basis in the building. Students enrolled online full-time do not have to pay to enroll and may be provided a computer that must be returned after their courses are completed. There may be costs associated with the online classes if students do not complete or fail the course. Students must meet all of the same requirements in regards to graduation, testing, and scheduling. Students must meet with the counselor, fill out the appropriate paperwork, and be approved by the principal to enroll in online classes. If the student is not making regular progress, the school district may require the student to return to the building for their classes and the student may be held responsible for the cost of the online course if it was not completed.

Credit Recovery courses are also available through the online school at the cost of the student. Students must complete the enrollment form to participate. Courses can be completed both during the school year and summer. Students looking to take a credit recovery course to advance to the next level must have the course completed by the deadline assigned by the school counselor.

The pass/fail system is designed to encourage students to enroll in courses that they might not otherwise take. This system allows students to take chances and explore new areas with less risk to their grade point average. This system should be used very sparingly. For example, many colleges look negatively at pass/fail grades in subjects relating to college preparation or college major. The following conditions must be accepted by the student, parent, and principal:

- Open only to 11th and 12th grade students.
- May be used for only one course at any time.
- May be used only for elective courses.
- Cannot be used for courses towards the honors diploma.
- Cannot be used towards eligibility.
- The completed form (with all signatures) must be returned prior to the 10th day of class.
- Once enrolled in pass/fail, the student must complete the course or receive an F.
- Students receiving 60% or more in the class will receive a P grade. This grade will have no effect on the student's GPA. Students receiving less than 60% will receive a NC (no credit) grade. This grade will have no effect on the student's GPA.
- A student cannot change from the pass/fail option to the standard means of grading once they have enrolled in the pass/fail option.
- Students enrolled in a course with the pass/fail option will not receive accelerated credit for class ranking purposes.

Numerical grades will appear on all grade reports, except for Final Course grades. Final Course Grades of A, B, C, D, F, I, W/F, P, and NC will appear on the student's official transcript of grades.

Grade	Description	Indicator
A	Outstanding 4.0	Mastery of the major and minor instructional objectives at a proficiency level ranging from 90 to 100%.
B	Very Good 3.0	Mastery of most major and minor instructional objectives at proficiency level ranging from 80 to 90%
C	Satisfactory 2.0	Met the instructional objectives at a proficiency level ranging from 70 to 80%
D	Very Weak 1.0	Difficulty in meeting the instructional objectives at a proficiency level ranging from 60 to 70%. Minimally ready for the next higher level of instruction. Considerable remedial work is necessary.
F	Unsatisfactory 0.0	Has not met the minimum instructional objectives at a proficiency level below 60%. Not ready for the next highest level of instruction. Considerable remedial work is necessary.
P	Passing	Met the instructional objectives at a proficiency level ranging from 60 to 100%.
NC	No Credit	Did not meet the instructional objectives at a proficiency level ranging from 60 to 100%.
WF	Withdrawn/Failing	Withdrew from the class after the specified drop date.
I	Incomplete	Has not completed all assigned work necessary to calculate a grade. Must be made up within two weeks or it will become an F.
*	Weighted Course	Enrolled in an Advanced Marking System course. The student can earn a 4.5 point, A, in accelerated courses and a 5.0, A, in AP courses.

INFINITE CAMPUS

The Cardinal Local Schools operate with a student software program called Infinite Campus. You can track daily attendance, grades, assignments and more. Also, interim report and quarterly/semester grades will also be shown. For login information, contact the high school office.

INCOMPLETE GRADES

In rare cases, when a student illness is near the end of a grading period and it prevents that student from completing assigned work on time, a grade of "I" (incomplete) is recorded. Students and teachers should make every effort to make up this work quickly. After two weeks, all incomplete work is graded "F," thus negatively affecting the student's grade for the grading period. In case of a student's extended illness, hospitalization, or in-patient care at a treatment center, this period of time may be extended by the principal. Note: Since an incomplete grade is not a permanent grade, an "I" on the report card could easily result in a student being declared ineligible for extra-curricular activities and consideration for honor/merit roll.

Valedictorian and Salutatorian

Selection of the Valedictorian and Salutatorian of each graduating class is determined by the cumulative advanced GPA at the end of the first semester of the 12th grade year. If there is a tie for valedictorian, multiple valedictorians will be named. The next ranking student will then be named salutatorian. If there is a tie for salutatorian, multiple salutatorians will be named. If there is a small difference in GPA only related to the number of courses taken, and the same grades were earned in major courses, the principal may elect to share the honor.

In calculating a Grade Point Average (GPA), multiply the credit for each course by the quality points earned, (A=4, B=3, C=2, D=1, F=0), AP Courses (5, 4, 3, 2, 0), Accelerated Courses (4.5, 3.5, 2.5, 1.5, 0) for each course taken. Total the quality points earned and divide by the credits attempted to determine the GPA.

The cumulative (permanent) GPA does not change until a semester course is completed. The grade card will show a temporary GPA for that grading period - this does not change the cumulative GPA. Incomplete grades prevent the calculation of any GPA until the grade is completed. Students taking a course with a Pass/Fail contract receive no GPA quality points for a passing grade (no effect on GPA), but a failing grade affects the GPA in the same manner as any failing grade.

Colleges and certain awards (e.g., National Honor Society, Valedictorian) require estimated GPA's at times other than the completion of a course. In these cases, the GPA is calculated as cumulative (permanent) GPA based on coursework completed to that time. This is a temporary calculation for this single purpose only.

For the purpose of class rank only, successful completion of certain courses (listed below) earn the student extra quality points. For example, a student in AP History can earn a 5 point A. Students enrolled in accelerated courses can earn a 4.5 point A.

Courses on the AP weighted scale (A=5, B=4, C=3, D=2 Extra Weight = 1.00)

AP US History/HIST 2150/HIST 2250	ENGL 2270
AP Government and Politics	
AP Calculus	
ENGL 1110	
ENGL 1120	

Courses on the Accelerated weighted scale (A=4.5, B=3.5, C=2.5, D=1.5 Extra Weight = 0.50)

ART 1120	ITIS 1005
BIOL 1510	ITIS 1100
BIOL 23400	Pre-Calculus
Honors Algebra II	SPAN 1001
Physics	SPAN1002/Spanish 4
Honors Biology	
Honors Geometry	
Honors Chemistry	
Honors English 9, 10, 11, 12	

Principal's, Honor and Merit Roll

A Principal's Roll, Honor Roll and Merit Roll will be established after each grading period.

- Principal's Roll: A student must have a 4.0 grade point average.
- Honor Roll: A student must have a 3.6 grade point average.
- Merit Roll: A student must have a 3.3 grade point average.

This policy applies to all student activities except those directly connected to an academic class. Currently the only exception is Marching Band. Each student's eligibility is determined by their academic performance in the preceding nine-weeks grading period. The fourth nine weeks grading period determines eligibility for the first nine weeks grading period as well as summer programs. Students planning to attend college and participate in Division I or Division II athletics must register with NCAA Clearinghouse. See the school counselor or visit the NCAA website for more information.

To be eligible, student-athletes must meet the criteria of both Cardinal Local Schools and the Ohio High School Athletic Association. Ultimately, the understanding and meeting of all eligibility requirements falls upon the student-athlete and his or her parents or guardians.

A student's eligibility will be in effect for a period of nine weeks. In determining eligibility, the GPA is calculated on the grades the student received during the immediately preceding grading period. It is not a cumulative GPA. Please note, interim, bi-weekly or weekly grades, and semester or final exam grades are not considered "grading periods" but, can be used for administrative discretion for eligibility purposes. The final grading period will determine the first nine weeks of eligibility in the fall of new school year. Academic credit earned while attending summer school may not be applied to athletic eligibility.

High school students taking College Credit Plus courses (CCP) must comply with OHSAA scholarship regulations. Students enrolled in CCP classes must be very aware of the number of credits they are enrolled in. CCP students should have their guidance counselor and the athletic director review their schedule before any semester to help them understand any concerns with eligibility. CCP students are responsible submitting letter grades signed and verified by their college instructor to the athletic director within one week of the close of each high school grading period for determination of eligibility for a particular nine weeks. This may come in the middle of a semester at the college, but at the end of a grading period at the high school. After the end of the week, all non-reported grades will be calculated as an "incomplete" for eligibility purposes. Incomplete grades (I) that are recorded for a nine weeks grade are considered failing (F) for the purpose of interscholastic athletic eligibility and will remain so unless the incomplete was given as a result of a documented illness, tragedy, or family event. In the event the student was late for submitting work for any other reason, the student may not have eligibility restored.

State eligibility standards require all middle school students to pass five classes and all high school students to pass the equivalent of five credits toward graduation in the previous grading period. For example, a student taking a block class worth 1 credit will carry the equivalent of 2 credits in regard to eligibility. A student must meet state minimum standards and have a 2.0 GPA (weighted) with no F's to be eligible.

Students whose GPA falls between a 1.0 and a 1.99, or students who have a 2.0 GPA with an F, and have passed the equivalent of five (5) credits towards graduation, will be placed on academic probation. They may maintain eligibility by regularly attending school-mandated study tables. Students on academic probation will sign study table contracts at the beginning of each nine weeks.

First time freshman are eligible for high school athletics if they have passed a minimum of five (5) classes taken during the final nine weeks of the eighth grade year. First time freshman who have passed five (5) of their classes but have a GPA of less than 2.0 during the final nine weeks of the eighth grade year, or who have a 2.0 GPA with an F, will be placed on academic probation. They may maintain eligibility by regularly attending school-mandated study tables.

The purpose of "academic probation" is to provide academic intervention to increase achievement within our student-athlete population.

Please Note: Do not change your course schedule or drop a course without first consulting your guidance counselor or the Athletic Director to determine whether it will affect your eligibility.

Digital Photography **1 semester (skinny)** **0.5 credit** **grades 9-12**

ART500

An introduction to digital photography using digital cameras and iPads and basic image editing software. This course includes print production for making black-and-white and color photographs and studio techniques that include portrait lighting and still life photography. No prior photography experience is required. Students use digital photography for the production of a photographic portfolio.

Advanced Photography **1 semester** **1 credit** **grades 9-12**

Prerequisite: Digital Photography

ART510

This course is designed to expand on the technical and creative concepts acquired in beginning digital photography. The class includes lectures, visual presentations, lab time, written tests, and a portfolio. Students will use advanced photo software such as Photoshop and Adobe Suite. Students will learn advanced composition techniques and advanced photo editing concepts.

Advanced Art 2 Independent Study **1 semester** **1 credit** **grades 10-12**

Prerequisite: See below

ART301

Students will follow the content standards for high school advanced art and will demonstrate a mastery of knowledge in each standard at the completion of the course. Evaluation will be with the standard art rubric. Students will be given a grade and an interim report as they would with any other class. Students will also begin and complete the process of pulling together a portfolio for college submission. Students will also receive recommendation letter as requested for college application process.

Students who have taken advanced art and wish to further study in depth art and art concepts are taking art 2 as an independent study. Students will meet in a classroom setting during a regular scheduled art class, but it may not necessarily be in the advanced art class. The will meet for the required 120 contact hours throughout the school year. Students will submit a general idea as to what the wish to peruse, for example, advanced ceramics concept, advanced painting or drawing concepts, etc.

Students will qualify for an independent study if:

- They have exhausted all art classes in the Cardinal art course of study
- Demonstrate the ability to work independently
- Is interested in pursuing a career in the arts.

COMPUTER SCIENCE

Computer Applications **1 semester** **1 credit** **grades 9-12**

COM100

Students will become proficient in the use of Microsoft Office 2016 using Office 365 which includes online and desktop versions of Word, Excel, PowerPoint, and Access. This is a fast-paced course. Recommended as the 1st course students take in the Computer Science group.

Computer Essentials/CCP **1 semester** **1 credit** **grades 9-12**

(formerly called Computers and Information Processing)

ITIS1005/CCPITIS1005

This computer literacy course provides a fundamental knowledge of computers and their role in today's society. Students will study computer equipment, computer software, and related terminology. The course also provides introductory training in the use of computer hardware and software, including the fundamentals of using operating system and productivity software. Students will become proficient in the Use of Microsoft Office 2016 using Office 365 which includes online and desktop versions of Word, Excel, PowerPoint and Access. Students earn 3 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College. ITIS 1005 serves as a prerequisite for other IT&CS courses at Lakeland CC.

The Internet: Services, Tools and Webpage/CCP **1 semester** **1 credit** **grades 9-12**

Prerequisite: CCPITIS 1005

ITIS1100/CCPITIS1100

Overview of the Internet including services, tools and Web page creation. Includes a brief history of the Internet, refined searching techniques, and societal issues. Students use a browser program with special emphasis on functions of E-mail, mailing lists (Listservs), Newsgroups, chatting, search engine usage, and file transfer protocol. Use basic HTML code to design and create Web pages. Students need to have successfully completed CCPITIS 1005. Students earn 3 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College.

Web Development and Design **1 semester** **1 credit** **grades 10-12**

Prerequisite: COM100 suggested

COM200

Web Development is an introduction to the design, creation, and maintenance of web pages and websites. Students learn how to critically evaluate website quality; learn how to create and maintain quality web pages; learn about web design standards and why they're important; and learn to create and manipulate images. Critical to success in this course is on accuracy with a strong ability to follow directions and have an eye for detail. Recommended after successfully completing Computer Applications (COM100).

Programming 1 **1 semester** **1 credit** **grades 9-12**

Prerequisite: Successful completion of Computer Apps COM100

COM410

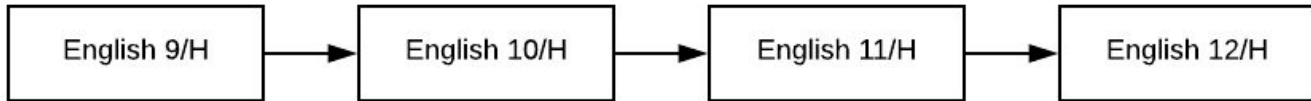
In this class you will learn the central concepts of object-oriented programming in Alice 3. These concepts are: getting started with Alice: using objects and methods; building Alice methods - using abstraction to hide details; variables, parameters, and functions - computing and storing data for later use; control structures - controlling flow via Alice's if, while, and for statements; data structures - using and processing Alice's arrays; and events - handling mouse and keyboard input in Alice. Alice includes a huge library of 3D objects and a variety of predefined methods. Alice makes it easy to build 3D worlds for these objects. These objects can then be animated using object-oriented programming. The strong ability to follow written directions and have an eye for detail is recommended.

LANGUAGE ARTS

College Preparatory Path



Career Preparatory Path



English 9

1 semester

1 credit

grade 9

ENG100

This first-year language arts course covers grammar, vocabulary development, reading comprehension, and composition, while focusing on writing as a process. Reading is based on strategies that are designed to increase comprehension. Students will be asked to delve further into their reading and writing skill sets. There is an introduction to various types of literature including the short story, novels, plays, and poetry.

Honors English 9

1 semester

1 credit

grade 9

Prerequisite: Successful completion of 8th grade English

ENG110

Honors English 9 follows the English 9 curriculum but includes additional novels, an additional play, lengthier essays and a stronger emphasis on developing upper level critical thinking skills. This course requires students to complete a summer/winter reading assignment depending on which semester they have the course.

English 10

1 semester

1 credit

grade 10

Prerequisite: Completion of English 9

ENG200

This course increases the development of skills acquired in English 9. The focus of sophomore level English is to improve in the application of higher level vocabulary and writing conventions. Literature includes both fiction and nonfiction short stories and novels, as well as units in poetry and drama. There will be a continued emphasis on research and formulating well-developed essays through the writing process.

Honors English 10

1 semester

1 credit

grade 10

Prerequisite: Successful completion of English 9 or Honors English 9

ENG210

Honors English 10 follows the English 10 curriculum, but also includes more in-depth work on literary interpretation, composition, and additional novels and plays. This course requires students to complete a summer/winter reading assignment depending on which semester they have the course.

English 11

1 semester

1 credit

grade 11

Prerequisite: Completion of English 10

ENG300

This course continues to develop skills acquired in English 10, such as reading, vocabulary, and composition. The focus of this course is on American literature with emphasis on the writing process. This class also includes a researched based project

Honors English 11**1 semester****1 credit****grade 11*****Prerequisite: completion of English 10 or Honors English 10*****ENG305**

Honors English 11 will focus on American Literature and include more in-depth work on literary interpretation, composition, and additional novels and plays. Eleventh grade honors students will read *The Crucible*, as well as several other novels, including *The Great Gatsby*. Students continue the research process by writing a research paper and a variety of other pieces that focus on persuasion and argument.

English 12**1 semester****1 credit****grade 12*****Prerequisite: Completion of English 11*****ENG400**

This course will primarily deal with British Literature and the impact it had on the development of Great Britain, along with the impact in history. Through discussion, analysis and investigation students will better understand how these two elements are so tightly connected. Alongside these readings, students will develop their writing skills as they apply to college applications and job interview aspects of presenting one's self to future opportunities after graduation. Students will design and present a senior speech to conclude the year.

Honors English 12**1 semester****1 credit****grade 12*****Prerequisite: Completion of English 11 or Honors English 11*****ENG405**

This course will primarily deal with British Literature and the impact it had on the development of Great Britain, along with the impact in history. Through discussion, analysis and investigation students will better understand how these two elements are so tightly connected. Students will be writing several in-depth essays on varying topics including short stories, novels and plays while developing their writing skills as they apply to college applications and job interview aspects of presenting one's self to future opportunities after graduation. Students will design and present a senior speech to conclude the year.

College Composition 1/CCP**1 semester****1 credit****grade 11*****Prerequisite: Successful completion of English 10 or Honors English 10*****CCPENGL1110**

This course focuses on the writing process and on the composition of expository writing assignments, including personal, informational, and critical essays. Students will read and analyze expository and imaginative texts (fiction, nonfiction, poetry, or drama). Students can earn 3 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College.

College Composition 2/CCP**1 semester****1 credit****grade 12*****Prerequisite: Successful completion of English 1110 College Composition 1*****CCPENGL1120**

This course analyzes argumentative strategies, models, and texts. Students will focus on the research process: identifying sources through electronic and print-based research strategies, evaluating research materials, and integrating and synthesizing research material. The course culminates in the production of a fully documented argumentative paper. Students can earn 3 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College.

Creative Writing **1 semester (skinny) 0.5 credit** **grades 9-12**

ENG221

This course introduces students to writing in different genres including personal narratives, essays, short stories, and poetry. Students will keep a writer's notebook, respond to daily journal prompts, and are required to write a minimum number of pages per grading quarter. They will also complete several creative projects, as well as share some original writing with others. In addition, students will create final writing portfolios that show their growth as writers and they will prepare several pieces for publication.

Communications **1 semester** **1 credit** **grades 9-12**

ENG500

This course deals with many aspects of written and verbal communication. Although the main emphasis is on public speaking and includes informative, persuasive, and demonstration/instructional speeches, the class will also examine other aspects of human communication. Some of these aspects include persuasive techniques, interviewing skills, nonverbal communication, and understanding mass media such as television, music, advertising, and newspaper reporting and production. We then will delve further into improving interpersonal communication skills and incorporate more formal speeches including debates. Extensive research and detailed outlines will be required.

Advanced Communications **1 semester** **1 credit** **grades 10-12**

Prerequisite: Successful completion of Communications

ENG510

This course is an extension of Communications with an added emphasis in broadcast journalism skills and incorporating the use of the green room to present media broadcasts. Students must have previously taken Communications and passed the course. This course is primarily project based and will involve cooperative interactions with peers. Students will also be responsible for presenting the school announcements daily.

Drama in Literature **1 semester** **1 credit** **grades 9-12**

(Not offered during the 2019-2020 school year)

ENG001

This course will focus on world dramatic literature through the context of both classic and modern literature. Throughout the course, we will read and discuss significant works of dramatic literature by diverse playwrights. The coursework will consist of research, dramatic readings, analysis of playwright methodology, critical thinking skills, and group participation in reading and class discussions. Students will also be expected to work as a group to write a one act play and present it to the rest of the class.

Mythology in Literature

(Not offered during the 2019-2020 school year) **1 semester (skinny) 0.5 credit** **grades 9-12**

ENG010

This course will focus on exploring classic mythology from around the world. We will examine fairytales, folktales, American tall tales, hero myths, trickster tales, creation myths, archetypal myths; as well as, delving deeply into the world of classic Greek Mythology. In addition, students will create their own myths, gods/goddess' etc. in order to examine the importance of mythology in our modern world.

Trends & Movements in Young Adult Literature **1 semester** **1 credit** **grades 9-12**
ENG002

This course will provide an overview of the history of young adult literature and its evolution throughout the years. Students will read a variety of young adult literature, including novels, short stories, and poems, most of which will be the students' choice, to increase social awareness, especially regarding teen issues. In addition to developing reading skills, students will sharpen critical reading/thinking skills and strengthen analytical writing skills. Students will also participate in literature circles and complete collaborative and independent projects.

Literature and Film **1 semester** **1 credit** **grades 9-12**
ENG003

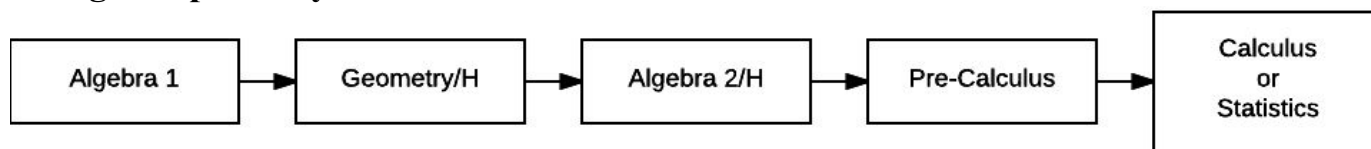
This course will analyze the differences between an author's ideas and print version of a book versus the director's interpretation of the book when put into film. Students will read assigned excerpts of novels and short stories and then respond critically through written essays, journals, presentations, and class discussions on the similarities and differences between films and the written works that inspired them.

ACT Test Prep **1 semester (skinny)** **0.5 credit** **grades 10-12**
ENG004

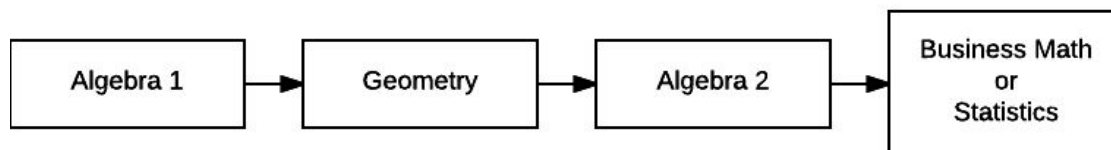
This course is designed to develop the skills necessary to improve ACT scores. This course emphasizes test-taking techniques, speed reading and providing the preparation in each of the content areas, including; reading, math, science, English, and writing.

MATH

College Preparatory Path



Career Preparatory Path



Algebra 1

1 semester

1 credit

grades 9-12

Prerequisite: 8th Grade Math

MAT111

This course explores beginning algebra concepts through problem solving, applications to real-world math, mathematical modeling, and/or technology. Topics include real numbers, exponents, linear and quadratic equations and inequalities, systems of linear equations and inequalities, and polynomials. When possible, algebraic concepts will be connected to geometry, data analysis, and basic probability and statistics. *A graphing calculator is required for this course. A TI-84 Plus is recommended for student purchase.*

Geometry

1 semester

1 credit

grades 9-12

Prerequisite: Algebra I

MAT211

This course teaches beginning concepts related to one-dimensional, two-dimensional, and three dimensional figures. The concepts will be explored through problem solving, applications to real-world situations, mathematical modeling, and/or technology. Topics include lines and angles, triangles, quadrilaterals, polygons, circles, transformations, analytic geometry, and trigonometry of right triangles. An introduction to reasoning and logic will also be included. Emphasis is placed on the inclusion of algebraic concepts to illustrate the interrelationship of the fields of mathematics. The study of proofs will also be considered. *A graphing calculator is required for this course. A TI-84 Plus is recommended for student purchase.*

Honors Geometry

1 semester

1 credit

grades 9-12

Prerequisite: Successful completion of Algebra 1 with a B or higher

MAT213

This course teaches concepts related to one-dimensional, two-dimensional and three dimensional figures. The concepts will be explored through problem solving, applications to real world situations, mathematical modeling, and/or technology. Topics include lines and angles, triangles, quadrilaterals, polygons, circles, transformations, analytic geometry, and the trigonometry of right angles. Emphasis is placed on the inclusion of algebraic concepts to illustrate the interrelationship of the fields of mathematics. This course includes the study of proofs along with topics at a higher level of difficulty, quicker pace, and use of technology. *A graphing calculator is required for this course. A TI-84 Plus is recommended for student purchase.* This course is weighted on the Accelerated scale.

Business Mathematics**1 semester****1 credit****grade 12*****Prerequisite: Algebra 2*****MAT410**

Business Mathematics focuses on basic mathematical concepts through extensive use of business examples taken from real-world applications in such areas as banking, the hotel/motel industry, retail, and real estate. These concepts include all areas of business mathematics—beginning with skill-building on whole numbers and decimals; fractions, percent, statistics, and equations; and then business-related mathematics applications with discussions on payroll, discounts, markup/markdown, interest, credit and more.

MUSIC

Band**2 semesters (skinny)****1 credit****grades 9-12*****Prerequisite: 2 Years Middle School Band or by audition*****MUS200**

The Marching and Concert Bands are the foundation of the high school instrumental music program. Band is an elective course that offers students opportunities to play music in many group and ensemble settings. Band requires attendance for extra rehearsals and performances. Marching season begins in July and ends at the end of football season. Concert Band rehearses during football season, at the discretion of the director, and on a full-time basis at the conclusion of marching season. Students who choose to participate in Band MUST participate in all aspects of the course or face possible removal from the course at the Director's discretion. Full credit for the course will be received upon completion of the full year's activities. No partial credit will be given. *Fee required for uniform cleaning and band camp.*

Chorale**2 semesters (skinny)****1 credit****grades 9-12****MUS210**

Concert Choir provides students with the experience of singing a variety of music in an ensemble situation. In addition to the educational nature of the activities, the choir also helps foster a general desire to use music as an integral part of their daily lives, especially after the high school years. The choir participates in various concert performances during the year. Students learn fundamental singing techniques, music theory and ear training skills. The auditioned show choir, the Cardinaires, is taken from the choir membership and also performs throughout the year both within the community and in festivals and competitions. Full credit for the course will be received upon completion of the full year's activities. No partial credit will be given.

American Music**1 semester (skinny)****0.5 credit****grades 9-12****MUS100**

American music will be a one-semester class that covers the history of American music from the beginning of the 20th century through today, the object being to gain an understanding of the evolution of American music to what we listen to on the radio today. A written permission note will be required from parents/guardians due to possible explicit lyric content of music.

Music History**1 semester (skinny)****0.5 credit****grades 9-12****MUS101**

This is a general course designed to enhance listening enjoyment and ability. There is emphasis on the elements of music, the characteristics and styles of major historical periods, and the lives and works of key composers within the Western musical tradition. The course focuses on Western Music History starting from the beginning in Ancient Greece and Rome and ending with music of today. Students will learn to be good music consumers as well as gain a basic understanding of music history and literature through class discussions, listening to recordings, and listening to live music.

Theater 1 semester (skinny) 0.5 credit grades 9-12
(Not offered during the 2019-2020 school year)

MUS111

Beginning drama focuses on building the student's self-concept. It is an overview of theater covering the basic techniques necessary for dramatic activities. In-class activities include mastering interpretation, analyzing play structure, rehearsal, memorized performances, theater games and exercises, and improvisation.

Theater 2 1 semester (skinny) 0.5 credit grades 10-12
(Not offered during the 2019-2020 school year)

Prerequisite: Successful completion of Theater 1

MUS112

This course enables the student to apply the fundamentals of acting learned in Theater 1 and to learn new techniques, as well as putting a much stronger focus on character development and performance technique. Students will be involved in a major project during the semester; will work closely with the director assisting with many aspects of the spring musical.

PHYSICAL EDUCATION & HEALTH

Health/Physical Education 1 semester 0.75 credit grades 9
HPE001

Students will earn 0.5 credit of health and 0.25 credit of PE.

The aim of Physical Education is to develop and to maintain physical efficiency, to establish desirable health habits and attitudes, to develop an interest in leisure and lifetime sports and to contribute to the social development of personalities. The course is structured around a variety of activities, and each person is expected to master not only the physical skills of the activity, but also have a working knowledge of the rules and develop good positive mental attitudes toward each activity. Health is designed to help the student understand how the human body functions, including the physical, emotional, and social properties of the body. Emphasis is placed on the creation of responsible health habits so that life can be lived to its fullest at all ages. Special interest areas covered are drug, alcohol, and tobacco abuse, infectious diseases (sexual and non-sexual), emotional and mental disorders, family living, social development and the many areas of general health services available in our society.

Physical Education 1 semester (skinny) 0.25 credit grades 9-10
HPE100

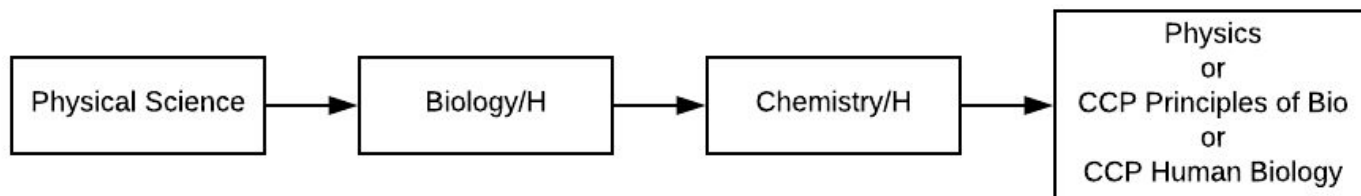
The aim of Physical Education is to develop and to maintain physical efficiency, to establish desirable health habits and attitudes, to develop an interest in leisure and lifetime sports and to contribute to the social development of personalities. The course is structured around a variety of activities, and each person is expected to master not only the physical skills of the activity, but also have a working knowledge of the rules and develop good positive mental attitudes toward each activity.

Health 1 semester (skinny) 0.5 credit grade 9
HPE200

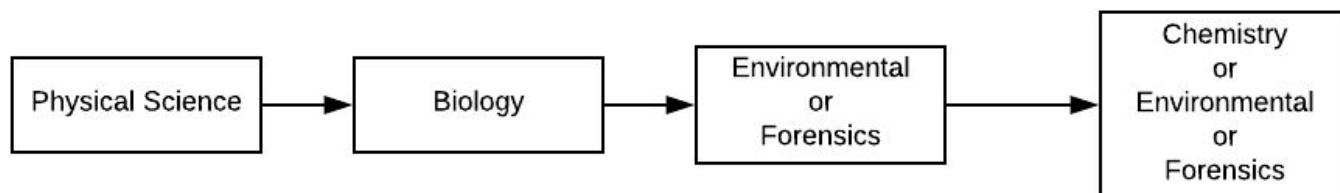
Health is designed to help the student understand how the human body functions, including the physical, emotional, and social properties of the body. Emphasis is placed on the creation of responsible health habits so that life can be lived to its fullest at all ages. Special interest areas covered are drug, alcohol, and tobacco abuse, infectious diseases (sexual and non-sexual), emotional and mental disorders, family living, social development and the many areas of general health services available in our society.

SCIENCE

College Preparatory Path



Career Preparatory Path



Physical Science

1 semester

1 credit

grade 9

SCI100

This is a physical science oriented course concerning the properties of matter and energy. The course also serves as an introduction to the ideas and concepts of the more concentrated science offerings. Examples of areas covered are forces, motion, energy states of matter, chemical reactions, and the history of the universe; including a brief introduction to the big bang theory. This course is a preparatory course for the balance of the high school science curriculum. Scientific calculator is suggested.

Biology

1 semester

1 credit

grade 9-10

SCI210

Biology is a required course for all students. The purpose of Biology is to develop a concept of the interdependency between life and its environment. In accomplishing this purpose, the student is expected to develop knowledge concerning structure and function of animal and plant life. The laboratory sessions are designed to investigate and demonstrate the ideas discussed in class. An integral part of the laboratory work in this course will be the dissection of selected preserved specimens. *Notebook required.*

Honors Biology

1 semester

1 credit

grade 9-10

Prerequisite: Successful completion of Physical Science

SCI220

This course is designed for those students who have plans for continuing their formal education after high school. The purpose of Honors Biology is to develop a concept of the interdependency between life and its environment. In accomplishing this purpose, the student is expected to develop knowledge concerning structure and function of animal and plant life. The laboratory sessions are designed to investigate and demonstrate the ideas discussed in class. An integral part of the laboratory work in this course will be the dissection of selected preserved specimens. *Notebook required.*

Principles of Biology I/CCP **1 semester** **1 credit** **grades 10-12**

Prerequisite: Successful completion of Biology

BIOL1510/CCPBIOL1510

The purpose of this course is three-fold. One, we will work together to explore the scientific process – how scientists make progress in understanding how nature works and how science differs from other ways of human understanding. Two, we will focus on four major themes: evolution - how organisms change and adapt to their surroundings over time and ecology - the sum of the interactions of organisms with the living and nonliving components of their environment, biodiversity – the product of evo-eco, and bio- innovation – how science moves from lab and nature to mainstream. We will study these processes using examples from all kinds of organisms. Ultimately, we aspire for you to act as scientists in all ways – brainstorming and hypothesis generation, experimental design, careful observation, data gathering, data analysis, drawing conclusions, and communicating the excitement of science to others. Students can earn 4 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Hiram College.

Chemistry **1 semester** **1 credit** **grade 10-12**

Prerequisite: Completion or current enrollment in Algebra 1 & Biology

SCI300

Many colleges look for the successful completion of Chemistry on applications. Chemistry is a physical science that deals with the study of the structure and properties of matter. Mathematical, critical reasoning, and laboratory skills are used to understand these concepts. These concepts include the structure and properties of matter; which includes representing matter, the periodic table, and intermolecular forces. Also the interactions of matter which includes stoichiometry, reactions of matter and gas laws.

Honor Chemistry **1 semester** **1 credit** **grade 10-12**

Prerequisite: Completion or current enrollment in Algebra 1 & Biology; B or better in Biology is strongly encouraged

SCI305

Honors Chemistry is a course intended to give students an introduction to chemistry, students are expected to study and do work outside of class on a daily basis. Objectives will be examined in greater depth and with more emphasis on mathematics, especially problem-solving skills, and students will be expected to explain concepts at a greater depth in essays on tests, and the course moves at a faster pace. Unit topics include atomic theory and atomic structure, the periodic table, nuclear chemistry, chemical bonding, the mole concept, stoichiometry, thermochemistry, gas laws, solution concentrations, and acid-base chemistry. Cooperative learning strategies pervade the course, in the form of laboratory partnerships and small-group work.

Physics **1 semester** **1 credit** **grade 12**

Prerequisite: Completion or current enrollment in Algebra 2 & Chemistry

SCI400

Physics is study of matter, including its motion and energy. Topics to be investigated include motion, forces, energy, static and current electricity, waves and light. Students will use math throughout the course, including algebra, graphing and trigonometric functions. Students will also engage in laboratory activities and projects and design their own experiments. A graphing calculator is suggested.

Environmental Science**1 semester****1 credit****grades 11-12****SCI310**

The class utilizes classroom lecture, hands-on activities, labs, research, and PowerPoint projects. The class does go outside frequently in all types of weather and students are responsible for the appropriate footwear and clothing. The course provides an overview of the relationships between living things and their environment, and the impact humans have on that relationship. Topics include biomes, ecosystems, symbiotic relationships, energy flows, cycles, water and air pollution, and climates. Connections will be made to physical science, chemistry, geology, and other disciplines.

Human Biology/CCP (formerly Anatomy and Physiology)**1 semester****1 credit****grades 11-12*****Prerequisite: Successful completion of Biology (A or B highly Recommended)*****SCI410/CCPBIOL23400**

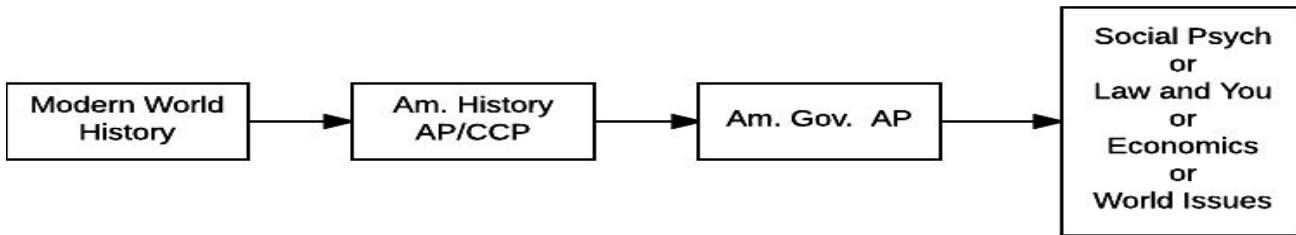
This course will be a further, more in depth study of topics discussed in Biology. Students will take an in depth look at the form and functions of the human body and its systems. Students will be expected to participate in dissections. Other topics such as zoology, genetics and microbiology will also be touched upon. **An integral part of the laboratory work in this course will be the dissection of selected preserved specimens.** Students can earn 4 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Hiram College.

Forensic Science**1 semester****1 credit****grades 10-12*****Prerequisite: Successful completion of Physical Science and Biology*****SCI120**

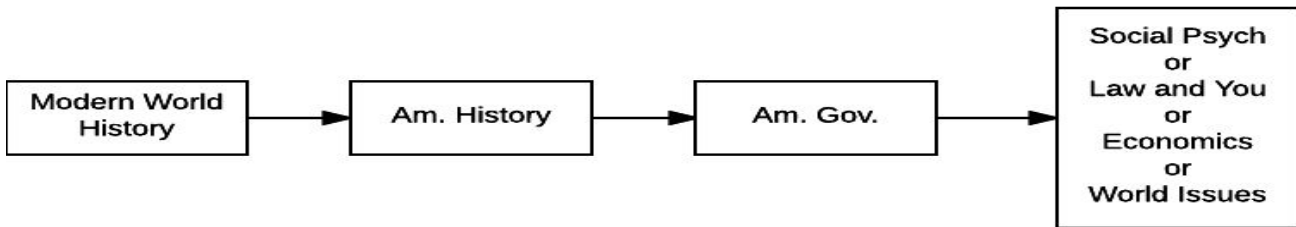
In forensic science students explore the use of scientific methods in the examination of physical evidence in the criminal justice system. Some topics that will be covered are fingerprint collection and analysis, DNA analysis, hair and fiber comparison, serology and crime scene analysis. This course is lab and project-based and regular class attendance is necessary.

SOCIAL STUDIES

College Preparatory Path



Career Preparatory Path



Financial Literacy

The Ohio Core Amended Substitute Bill HB 311 requires every school district in Ohio to integrate economics and financial literacy with social studies classes or another class. Students will meet this graduation requirement by taking one of the following classes: The Law and You, Economics, or Contemporary World Issues. There are nine different instructional topics that will be covered:

- 1.) Economic Decision Making and Skills
- 2.) Fundamentals of Economics
- 3.) Government and the Economy
- 4.) Global Economy
- 5.) Working and Earning
- 6.) Financial Responsibility/Money Mgmt.
- 7.) Saving and Investing
- 8.) Credit and Debit
- 9.) Risk Management

Modern World History

1 semester

1 credit

grade 9

SST100

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence.

American History

1 semester

1 credit

grade 10

SST200

This course focuses on the time period 1865 through the present to provide a context for examination of events in American history within the realm of world events. This course provides learners with the opportunity to extend and clarify perspectives gained in previous social studies classes as they examine the issues of the twentieth century and speculate on the prospects of the twenty-first century.

Social Psychology

1 semester

1 credit

grades 11-12

SST300

This course will introduce students to the basics of psychology and sociology. Topics that will be explored include: personality theory, learning, intelligence, psychological disorders, culture, and socialization. Students will gain a better understanding of themselves and how they interact with others.

Contemporary World Issues **1 semester** **1 credit** **grades 10-12**

Financial Literacy

SST301

This course presents an in-depth exploration of several important current issues. Students will be asked to examine the historical, cultural, and economic background of various issues, and to consider the future implications of each issue. Specific issues to be studied will depend on events taking place in the world during the course of the class. Students will, however, be examining some controversial issues in the United States, as well as taking a close look at the roots of and future possibilities of the conflict in the Middle East and terrorism. This is a discussion class, and grades are largely based upon the completion of class projects. This course will cover and meet aspects of the state's Financial Literacy requirements.

Economics **1 semester** **1 credit** **grades 10-12**

SST400

An integrated multimedia economics program teaches the principles of economics and the free enterprise system. The program fosters an economic way of thinking and teaches decision making as a process of evaluating choices and their implications. Students will study personal financial strategies to become productive and informed citizens. This course will cover and meet aspects of Financial Literacy.

American Government **1 semester** **1 credit** **grades 11-12**

SST401

The student will be introduced to the foundations of American government. They will then build on this foundation by examining their civil rights and liberties. Study will concentrate on the Bill of Rights, with specific concentration on First Amendment freedoms and due process of law using Supreme Court case precedents and current events.

The Law & You **1 semester** **1 credit** **grades 10-12**

(This course is not offered during the 2019-2020 school year)

Financial Literacy

SST304

A one-semester course in the practical aspects of the U.S. Constitution and the laws that impact the lives of everyday American citizens including a citizen's rights and obligations under the Constitution, consumer law, "do you have a case," and when should you consult an attorney. The course will also include consideration of important contemporary social and public policy issues affected by the Constitution and the laws (rights of victims vs. rights of the accused, etc.). This course will cover and meet aspects of Financial Literacy.

AP United States History **1 semester** **1 credit** **grades 10-12**

Prerequisite: Successful completion of prior World History

SST500

This is an advanced placement course for the college-bound student. Students will prepare for the Advanced Placement exam in May by engaging a curriculum requiring rigorous reading, writing, discussion, and critical analyses of books, articles, and historical documents. With a qualifying score students will obtain college credit for the course or be "placed out of" introductory college classes in U.S. History. The course is open to seniors, juniors and sophomores who qualify. This course is weighted on the AP scale. Students are required to pay for and take the AP exam.

WORLD LANGUAGE

<u>Spanish 1</u> SPA100	1 semester	1 credit	grades 9-12
Spanish 1 aims to give the student skills to develop an ability to understand simple spoken and written conversations through examples of authentic speech. The students will build a basic vocabulary and will be able to converse in simple, useful Spanish. Basic grammatical structures will be introduced with an emphasis on the verb system. Students will develop an awareness and appreciation for the Hispanic culture and its people through the study of geography, music, food and customs.			
<u>Spanish 2</u> SPA200	1 semester	1 credit	grades 10-12
<i>Prerequisite: Successful completion of Spanish 1</i>			
Spanish 2 aims to develop to a greater degree the student's ability to comprehend, speak, read, and write Spanish while continuing to build useful vocabulary. Students will further study basic grammatical structures and will continue to develop an appreciation of Hispanic culture and its people through the study of geography, music, food and customs.			
<u>Spanish 3/Elementary Spanish 1001</u> SPA300/CCPSPAN1001	1 semester	1 credit	grades 11-12
<i>Prerequisite: Successful completion of Spanish 2</i>			
Spanish 3 aims to develop proficiency in comprehension and speech while emphasizing and developing reading and writing skills through the use of authentic texts. Students will focus on vocabulary and advanced aspects of Spanish grammar, and will continue to develop an appreciation for the Hispanic culture through the study of geography, music, food and customs in order to develop an appreciation of Spanish as a living language. <u>Students can earn 4 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College.</u>			
<u>Spanish 4/Spanish 1002</u> SPA400/CCPSPAN1002	1 semester	1 credit	grade 12
<i>Prerequisite: Successful completion of Spanish 3/Elementary Spanish 1001</i>			
Spanish 4 aims to develop aural comprehension and increase fluency in speech, expand knowledge and usage of vocabulary, and teach complex grammatical structures. The students will further develop the skills of reading and writing with an emphasis on style and creativity, and will gain additional understanding of Hispanic culture through the study of geography, music, food and customs in order to develop an appreciation of Spanish as a living language. <u>Students can earn 4 semester hours of college credit. *To be eligible for the college credit, student must meet admission criteria to Lakeland Community College.</u>			
World Language Lab WLL100	1 semester	1 credit	grade 9-12
The course allows students to learn a language independently through an online learning environment. French, Latin, Chinese, and German are available. This course will be scheduled for a block in the day in which student will work independently on coursework. Students are expected to complete the course as outlined in the expectations distributed on the first day of class.			