



Ottawa Hills
Local Schools

CURRICULUM GUIDE

2017-2018

QUESTIONS

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NOTICE OF NONDISCRIMINATION

Any form of discrimination or harassment can be devastating to an individual's academic progress, social relationship and/or personal sense of self-worth. Therefore, the Board of Education will not discriminate nor tolerate harassment in its educational programs or activities for any reasons, including on the basis of religion, race, color, national origin, sex, disability, military status, ancestry, age, or genetic information. Additionally, it will not discriminate in its employment policies and practices.

The Board is committed to providing an equal opportunity for all students, regardless of race, color, creed, disability, religion, gender, ancestry, age, national origin, place of residence within the boundaries of the District, or social or economic background, to learn through the curriculum offered in this District.

This document is subject to editorial changes,
for the most current version refer to the district website.

GENERAL INFORMATION

ACCREDITATIONS

Ottawa Hills High School is fully accredited by the State of Ohio and the North Central Association and Commission on Accreditation and School Improvement, a division of AdvancED. This means that by maintaining the standards set by the accrediting groups, our students are eligible to attend all colleges and universities accredited by AdvancED.

SCHEDULING OF STUDENTS

Much thought and work on the part of the teachers, counselors, and administrators go into registration. Students are encouraged to take the courses that are aligned with their career goals, will challenge them academically, and in which they will achieve success.

Parents are urged to consider their student's schedule carefully and to call the school if there is any question on course choices. If a student is not recommended for a course, it is because the counselor and/or teachers feel that he/she will have difficulty achieving success in the course.

Each student is required to schedule at least four core academic/full-credit courses per year (or the equivalent each semester). All students must be registered for at least seven (7) courses per semester unless registered for college courses under the CCP program. Parents and students will have time to discuss selection of courses before the schedule is finalized. The master schedule is developed as a result of student requests.

A laboratory science may require more than one period to qualify as a laboratory science by state minimum standards. The lab sciences include biology, chemistry, anatomy and physiology, and physics. Science courses with labs are scheduled for additional periods that may be held before school and/or during lunch.

ADDING OR DROPPING COURSES

Students and parents will be given time prior to registration for sufficient thought regarding course selection. All schedules for the 2017-2018 school year are expected to be finalized by the end of the current school year. Under extenuating circumstances, students may add or drop a class within the first three (3) school days of each semester with written permission from parents, teachers, counselor, and/or assistant principal. Students may not add or drop a class after this time period without written approval by the principal. A student who chooses to drop a course after this time period will automatically receive an "F" in this course for the same semester.

It is expected that students enrolled in year-long courses will complete both semesters. Any exception must be reviewed in a meeting that may involve student, parent, teacher, counselor, and administrator. If approved, subsequent course withdrawals will be noted on the transcript with a W. Students may not drop a year-long course at the semester to take a College Credit Plus (CCP) course.

HIGH SCHOOL PLACEMENT OF STUDENTS

In an attempt to place each student into the most challenging curriculum possible, students taking high school courses are placed into one of two achievement levels in English, mathematics, science, and social studies.

CLASS STATUS

Entrance to the Ottawa Hills High School program is granted upon satisfactory completion of work in the eighth grade. Class status is based on the following:

Sophomore	Five or more credits
Junior	Eleven or more credits
Senior	Sixteen or more credits

The high school utilizes grouping of students in classes with others of comparable achievement. Quality points are granted depending on the difficulty of the course. The chart below depicts the course weighting designations.

WEIGHTED GRADE POINT AVERAGE

Each student earns a weighted cumulative grade point average (GPA) for high school coursework. Beginning with the first high school level course taken, the weighted GPA is determined using semester grades only. Total quality points will be divided by total number of credits attempted.

Quality points are awarded based on the level of the course taken, the credit value of the course, and the grades earned according to designations in the table below.

COURSE WEIGHTING DESIGNATIONS FOR WEIGHTED GPA

Levels	Quality Point Weighting					Transcript Symbols
	A	B	C	D	F	
Advanced Placement	5	4	3	2	0	AP
College Credit Plus*	4 to 5	3 to 4	2 to 3	1 to 2	0	CCP
Honors	4.5	3.5	2.5	1.5	0	HR
Regular	4	3	2	1	0	(none)

*Weighted grades for CCP courses only apply to content areas in which there are AP or HR courses. CCP courses of 3 or more college credit hours is the equivalent of one unit of credit at Ottawa Hills and will be weighted accordingly.

COURSES INCLUDED IN GRADE POINT AVERAGE

The following courses will be used to calculate grade point average (GPA):

1. All high school level courses taken at Ottawa Hills (including high school level courses taken in the junior high);
2. Approved Educational Options/Credit Flexibility courses;
3. University level courses taken under the state provisions of the College Credit Plus (CCP) program;
4. Approved summer high school courses taken due to failure; and
5. Online courses that appear on the Master Schedule and are taken during the school day at the Junior/Senior High School.
6. Repeated courses, other than those taken due to failure, will not be included in the GPA.

THE ROTATING SCHEDULE

Each student is scheduled for eight periods of 55 minutes each. (Five minutes are allowed between periods for change of classes.) On each day, named “A”, “B”, “C”, or “D” day, students attend classes for six of the eight periods. The calendar for the daily rotation is established at the beginning of the school year and is not altered because of days missed due to inclement weather or other emergency school closings.

Hours of Day*	“A” Day	“B” Day	“C” Day	“D” Day
8:10 -9:05	Period 1	Period 1	Period 1	Period 2
9:10 -10:10	Period 2	Period 2	Period 3	Period 3
10:15 -11:10	Period 3	Period 4	Period 4	Period 4
11:10 -12:05	Lunch			
11:15 - 11:45**	Lunch Lab			
12:05 -1:00	Period 5	Period 5	Period 5	Period 6
1:05 -2:00	Period 6	Period 6	Period 7	Period 7
2:05 -3:00	Period 7	Period 8	Period 8	Period 8
Periods Omitted	4 and 8	3 and 7	2 and 6	1 and 5

* Early Bird classes – 7:25 - 8:05 a.m.

** Lunch Lab classes meet at least once in each four-day rotation.

THE OHIO CORE

Senate Bill 311 created the Ohio Core curriculum for the purpose of establishing standard expectations for all students graduating from Ohio high schools. The underlying themes of the Ohio Core are to prepare students for post-secondary endeavors, including higher education; reduce remediation at the college level; and provide students with the knowledge and skills to be successful in the 21st century. This legislation states that students who do not meet the requirements of the Ohio Core curriculum may be ineligible to enroll in most state universities in Ohio without further coursework. Our curriculum meets or exceeds the requirements of the Ohio Core.

OHIO GRADUATION REQUIREMENTS

Ottawa Hills Junior/Senior High School is governed by the Ohio Department of Education regarding the minimum graduation requirements. Our Board of Education is permitted by law to exceed these requirements, and has chosen to exceed state requirements in some areas. To graduate from Ottawa Hills Junior/Senior High school, students are required to complete 24 units of credit, which exceeds the required 20 units of credit established by the Ohio legislature.

OTTAWA HILLS GRADUATION REQUIREMENTS

To graduate from Ottawa Hills Junior/Senior High School, a student must meet the following graduation requirements:

Content Area	Required Units of Credit
English	4.0
Mathematics ¹	4.0
Science ²	4.0
Social Studies ³	3.0
Fine Arts ⁴	1.0
Computer Tech ⁵	1.0

Content Area	Required Units of Credit
Physical Education	0.5 (1 year = ½ credit)
Health	0.5
Financial Literacy ⁶	0.5
Public Speaking	0.5
Electives	5.0
TOTAL CREDITS	24

¹ This includes Algebra I, Geometry, and Algebra II. All students should take three (3) years of mathematics after Algebra I.

² This includes 1 unit of Biology; 1 unit of Chemistry, Physics, or General Physical Science; and 2 units advanced study in physical, life, or earth sciences.

³ This includes 1 unit of Modern American History, 1 unit of World History/Modern World History, and 1 unit of United States Government and Politics or AP United States Government and Politics.

⁴ Fine arts includes both music and art courses.

⁵ Computer Technology includes STEM courses

⁶ All Students are required to take either Economics or Personal Finance to meet the financial literacy requirements of the Ohio Core legislation.

Although taking world languages is not a requirement for graduation, it is *strongly* recommended that all college-bound students take a minimum of three (3) years of one world language or two (2) years each of two different world languages.

Generally, one unit of credit is earned by satisfactorily completing the work required over a 36-week period; one-half unit over an 18-week period. College Credit Plus (CCP) courses that earn 3 or 4 college credit hours of credit will earn one unit of high school credit, even if a semester course.

Students who take high school courses in eighth grade will receive high school credit that will apply toward fulfillment of the above graduation requirements.

REQUIRED STATE TESTS AND GRADUATION POINTS

The graduation requirements resulting from HB 487 state that in addition to the number of credits required, students will earn points toward graduation on seven End-of-Course exams. These End-of-Course exams. These exams began during the 2014-2015 school year for students in 9th grade.

The seven End-of-Course exams are as follows: English I, English II, Algebra I, Geometry, Biology, U.S. History, and U.S. Government. Students can earn from 1 to 5 points for each End-of-Course exam, based on their performance level.

End-of-Course Exams Points Earned

Performance Level	Advanced	Accelerated	Proficient	Basic	Limited
Graduation Points	5	4	3	2	1

A student must earn a total minimum of 18 points from scores on the End-of-Course exams with at least a total of 4 points in English I and English II exams, a total of 4 points in Algebra I and Geometry exams, and a total of at least 6 points in the Biology and U.S. History and U.S. Government and Politics exams. Students will be permitted to retake any exam during any testing window to improve their scores.

Exam Subject	Maximum Possible Points	Required Minimum
English I	5	4
English II	5	
Algebra I	5	4
Geometry	5	
Biology	5	6
U.S. History	5	
U.S. Government	5	
TOTAL	35	14 + 4

Students taking Advanced Placement (AP) courses in biology, American history or American government may take and substitute test scores for state End-of-Course Exams to avoid double testing. Students also may substitute grades from College Credit Plus (CCP) courses in these science and social studies subjects for state End-of-Course Exams. Students may not delay taking End-of-Course Exams in anticipation of taking AP or CCP courses. Graduation points for AP and CCP courses will be awarded as follows:

AP Score	4 or 5	3	2	1
Graduation Points	5	4	3	1

CCP Grade	A or B	C	D	F or drop the course
Graduation Points	5	4	3	0

It is not possible to earn 2 graduation points from an AP score, nor it is possible to earn 1 or 2 graduation points from a CCP grade.

Federal and state laws require all districts and schools to test all high school students in geometry (or integrated math 2--which is not offered at Ottawa Hills), English II, biology, American history, and American government. There is no law that allows a parent or student to not participate in state testing, and there is no state procedure or form for nonparticipation.

Students who earned high school credit for English I, English II, Algebra I, Geometry, U.S. History and U.S. Government prior to July 1, 2014, will receive graduation points toward the required 18 points needed based on the grade achieved in these courses at Ottawa Hills. Students who earned high school credit for Biology during the 2014-2015 school year will also receive graduation points based on the grade achieved in Biology toward the required 18 points needed for graduation. Points earned will be calculated on each semester grade based on the chart below. The two semesters will be averaged to determine the total points earned.

Course Grade	A	B	C*	D	F
Graduation Points	5	4	3	2	0

* State guidelines require that three (3) points be awarded to students who “earn credit or passed the course.” And, it is not possible to earn one (1) graduation point from a high school course grade.

Junior High students who take high school level courses for which there is an End-of-Course Exam must take the corresponding End-of-Course Exam. In all cases, the content of the course determines the End-of-Course Exam taken.

Alternative Pathways

Students who do not earn the required number of graduation points on End-of-Course Exams can still meet state graduation requirements in one of two ways: earning a remediation-free score on the ACT or SAT as listed below or earning a workforce readiness score on the *WorkKeys* assessment.

ACT Remediation-Free Scores

English	18
Mathematics	22
Reading	21

SAT Remediation-Free Scores

Writing	430
Mathematics	520
Reading	450

“Remediation Free” refers to the likelihood that a student would need remediation services in college. These remediation-free scores are determined by Ohio’s university presidents and are subject to change. The Ohio Department of Education will administer fund the administration of the ACT to all juniors in Ottawa Hills.

Students interested in earning a State Board of Education-approved, industry-recognized credential and taking the *WorkKeys* assessment pathway to graduation can learn more at **education.ohio.gov** (search for “Industry-Recognized Credentials”). Additionally, those students should consult with the guidance counselor as soon as possible in their high school careers.

Students may not delay taking End-of-Course Exams in anticipation of meeting graduation requirements through either alternative pathway described above.

More information about Ohio’s Graduation Requirements can be found at **education.ohio.gov**.

ADVANCED PLACEMENT

The Advanced Placement (AP) Program is a program of college- level courses and exams for secondary school students. Over 90 percent of the colleges that most AP candidates have attended give credit and/or advanced placement to students whose AP Examination grades are considered acceptable.

Courses/Exams Offered

Ottawa Hills High School will offer AP courses in the following areas for the 2017-2018 school year: Calculus, Chemistry, English (2 courses), French, Spanish, United States History, United States Government and Politics, European History, Music Theory, Physics, Biology, Statistics, Art History, and Studio Art. Students have also successfully taken the AP Examinations Environmental Science and Computer Science.

Course Content

An Advanced Placement course is a special college-level learning experience that most often takes a full academic year. It is usually challenging and stimulating and - compared to other high school courses - often takes more time, requires more work, gives greater opportunity for individual progress and accomplishment, and goes into greater depth. AP level courses demand a serious commitment on the part of the student.

AP Exams

All AP exams (except Studio Art) contain both multiple-choice questions and free-response questions that require essay writing, problem-solving, and other skills. Most of the examinations are three to four hours long. They are given every year during two weeks in May at Ottawa Hills High School as well as at any other school that wishes to order and administer them.

AP Exam Grades

Every examination receives an overall grade on a five-point scale: 5 (extremely well qualified), 4 (well qualified), 3 (qualified), 2 (possibly qualified), and 1 (no recommendation). AP grade reports are sent in July to each student's home address, school, and, if the student has requested, to his or her college.

Cost of Exams

The current fee is \$93 for each exam taken. If you earn the required grade (usually 3 or higher) on an AP exam, you may receive up to eight (8) semester hours or twelve (12) quarter hours of college credit. Consult individual college placement offices about their policies.

CREDIT FLEXIBILITY & EDUCATIONAL OPTIONS

Ohio's Credit Flexibility Plan is designed to broaden the scope of curricular options available to 7th through 12th grade students, increase the depth of study possible for a particular subject, and allow tailoring of learning time and/or conditions. Under Ohio's Credit Flexibility Plan, students may earn credits by demonstrating mastery of course content or by pursuing a broader range of educational experiences (e.g., distance learning, educational travel, internships, or community service projects).

Credit Flexibility is intended to motivate and increase student learning by allowing access to more learning resources, especially real-world experiences, and by allowing customization around individual student needs.

Ottawa Hills has an established Educational Options program. Currently Educational Options may take the form of independent studies, mentor programs, or tutorials. Credit may be earned in several curricular areas as agreed to by the school, the student, and the parent. Experiences of this type create opportunities for students not otherwise provided in the curriculum.

Credit Flexibility Plans and Educational Options must be approved prior to participation. Applications for the fall semester or summer must be submitted prior to **April 1**; applications for the spring semester must be submitted prior to **October 1**. These deadlines are firm. Application materials and additional information are available on the district website.

COLLEGE CREDIT PLUS (CCP)

HB 487 established this program as Ohio's dual credit program beginning with the 2015-2016 school year. All college-ready students who qualify for college admission in grades seven through twelve may participate. Eligible students may take a course and earn high school and college credit that appears on both their high school and college transcripts. The course must apply to a degree or professional certificate at the institution for higher education. The CCP school year runs from June through May, therefore, a student may take courses during the summer, fall, and spring sessions in that order for each school year.

Students participating in CCP will be enrolled in both high school and college and can attend the CCP class in any setting arranged by the college or university, including the Ottawa Hills high school classroom. Teachers at Ottawa Hills may be approved as adjunct instructors for the college or university and present CCP courses as part of the Ottawa Hills curriculum. These CCP courses will follow the curriculum, assessments, and timeline established by the college or university. To be eligible to participate in CCP courses, including those offered at Ottawa Hills, a student must meet the admission standards and be enrolled as a student of the participating college or university. There is no cost to the student for participation in the CCP program associated with a public college or university in the State of Ohio. There may be costs if a student drops a CCP course after the drop/add period or fails a CCP course at a public college or university.

The district will provide an informational/counseling meeting for students and parents prior to March 1st each year for students in grades six through eleven. In order to participate in CCP during the 2017-2018 school year, interested students must submit an *Intent to Participate* form signed by both the student and the parent no later than **April 1** each year. In addition, parents and students must participate in a counseling session that outlines the requirements and obligations of the district and the student by submitting a signed *CCP Counseling Verification* form prior to enrollment in a CCP course. It is the intent of the Ottawa Hills district that parents and students will attend the informational/ counseling meeting scheduled in **February** each year. The CCP informational/counseling meeting for the 2017-2018 school year is scheduled for **February 8, 2017, at 7:00 p.m.** in the high school auditorium.

The school district is under no obligation to modify its master schedule in order to accommodate student participation in the College Credit Plus (CCP) program. It is the responsibility of the student to manage the scheduling of his or her courses and any extracurricular or athletic activities. It is critical that students plan their entire school year in consultation with the guidance counselor prior to registering for CCP courses, being mindful of all state and local graduation requirements. Students may not drop a year-long Ottawa Hills course at the semester to take a CCP course.

A student's Ottawa Hills schedule will be modified only after presenting printed copies of his or her year-long plan and schedule of CCP courses in which he or she has registered. Ottawa Hills course load requirements will be adjusted according to the table below called "Chart of Required Course Load." Students are strongly discouraged from proposing schedules that require overlapping meeting times between Ottawa Hills courses and CCP courses. If doing so is unavoidable, then students will be held responsible for making arrangements with their CCP instructors to accommodate for any time missed from that course. Ottawa Hills teachers are not expected to accommodate students for such schedules.

Student safety is always paramount. Please note that the district is not responsible for students during times in their adjusted schedules when no Ottawa Hills or CCP course is meeting, and students entering the building during those periods must first report to the main office.

A student may not take more than 30 college credit hours of CCP courses each academic year and not more than 120 college credit hours in high school. For example, given that most CCP courses are worth three (3) college credit hours, students would likely be limited to 5 or fewer CCP courses per semester over the 8 semesters of their high school careers.

Additionally, students may not exceed full-time status. The State of Ohio calculates full-time status as follows:

1. Determine student's number of high school only units of credit;
2. Multiply that number by 3; and
3. Subtract that result from the number 30 (equivalent of a full-time college schedule).
4. That number is the total number of college credits that CCP students may earn during that academic year.

Therefore, a student taking 7 high school classes each semester at Ottawa Hills may take an additional 3 CCP courses at 3 college credit hours each and not exceed full-time status. Those 3 CCP courses can be taken one at a time during the summer, fall, and spring sessions.

Only after verification that the previous considerations have been taken will the guidance office adjust the student's course load at Ottawa Hills.

Chart of Ottawa Hills Required Course Load

Number of CCP Courses Per Semester	Number of OH Courses Per Semester	Total Number of Courses Per Semester	Total CCP Hours Assuming 3-Credit Hour Classes and Same Schedule Both Semesters
5	0	5	$2(5 \times 3) + (0 \times 3) = 30$
4	1	5	$2(4 \times 3) + (1 \times 3) = 27$
3	3	6	$2(3 \times 3) + (3 \times 3) = 27$
2	4	6	$2(2 \times 3) + (4 \times 3) = 24$
1	6	7	$2(1 \times 3) + (6 \times 3) = 24$
0	7	7	$2(0 \times 3) + (7 \times 3) = 21$

This table treats summer coursework as fall semester courses.

All CCP courses, including courses taken during the summer, will appear on the student's high school schedule and both the high school and college transcripts. CCP courses of 3 or more college credit hours of credit will also be equal to 1 unit of high school credit. CCP courses of less than 3 college credit hours will be equal to the proportional fraction of 1 unit of high school credit. This also applies to CCP courses taught at Ottawa Hills high school.

All grades on CCP courses (including any withdrawal, withdrawal with a failing grade, or a failing grade) will appear on the student's high school transcript and will be included in the student's grade point average.

More information about College Credit Plus can be found at
education.ohio.gov or ohiohighered.org

State law requires that this document include two model pathways of courses offered under the CCP program through a partnering college or university. One pathway must include 15 credit hours, the other must include 30. Owens Community College provides these examples on their website: the 15-hour pathway (Fall: ENG 111, SOC 101; Spring: ENG 112, PSY 101, MTH 213) and the 30-hour pathway (Fall: ENG 111, SOC 101, MTH 173, ART 101, AST 101; Spring: ENG 112, PSY 101, MTH 213, ECO 111, ENG 200).

Ottawa Hills Junior/Senior High School College Credit Plus Plan Checklist

Successful participation in the College Credit Plus (CCP) program through Ottawa Hills requires the following.
[1] Check off each item, [2] include signatures, and [3] submit this to the guidance counselor or assistant principal.

- _____ I have attended a public or private informational /counseling meeting about College Credit Plus (CCP) with the guidance counselor or assistant principal.
- _____ In accordance with the law, I have submitted to the high school office an *Intent to Participate* form signed by my parents prior to April 1.
- _____ I understand that Ottawa Hills is not responsible for the content provided by, instructional updates about, or the instructional support offered through CCP courses at other institutions.
- _____ I understand that I may incur the cost of any and all CCP courses from which I withdraw or do not pass.
- _____ I understand that all CCP course grades will appear on both my high school and college transcripts and will affect my grade point average at both institutions.
- _____ I have presented a year-long plan to the guidance counselor or assistant principal, and my plan was created according to the following:
 - _____ *I created the plan prior to registering for CCP courses outside of Ottawa Hills and with advice from the guidance counselor or assistant principal. My plan culminates in the completion of all graduation requirements without extending beyond four academic years.*
 - _____ *My plan takes into full consideration the state and district enrollment, testing, and graduation requirements including but not limited to the Ottawa Hills Required Course Load, the End-of-Course exams, and the required 18 Graduation Points (the details of which can be found in the OHLS Curriculum Guide 2017-2018).*
 - _____ *My plan takes into full consideration the 30 CCP hour yearly limit and the 120 CCP hour program limit.*
 - _____ *I understand the summer CCP courses count as fall courses at Ottawa Hills.*
 - _____ *My plan proposes a schedule of classes that I am prepared to manage, even if it includes conflicting class periods, and I understand that I am responsible for communicating with my CCP instructors about any accommodations that such conflicts might require. Additionally, I understand that Ottawa Hills is not obliged to accommodate me during times in my proposed schedule when none of my courses are in session.*
 - _____ *I understand that I may not drop a year-long course at Ottawa Hills in order to enroll in a second-semester CCP course.*
 - _____ *I understand that my Ottawa Hills schedule will not be adjusted prior to the presentation of my year-long plan. And, if approved, I may not deviate from my plan without consulting the guidance counselor or assistant principal.*
- _____ I have read all sections of the *OHLS Curriculum Guide 2017-2018* pertaining to the CCP program.
- _____ I have discussed the CCP program and my year-long plan with a parent or legal guardian.

Student Name/Signature/Date

Parent or Guardian Name/Signature/Date

More information about CCP is available at education.ohio.gov or ohiohighered.org

NCAA ELIGIBILITY

Students who wish to participate in College Division I or Division II sports must be certified by the National Collegiate Athletic Association (NCAA). Eligibility requirements are subject to change; therefore, students should begin this process early in their junior year with their counselors.

EXTRACURRICULAR ELIGIBILITY

The eligibility rule adopted by the Ottawa Hills Board of Education is more stringent than the Minimum imposed by most schools. It is possible for an Ottawa Hills student to be ineligible for participation in an extracurricular activity based on board policy.

State law (HB 215) requires a minimum GPA for participation in extracurricular activities. The Ottawa Hills addition to existing criteria for eligibility requires that students must achieve a minimum GPA of 1.75 at the end of each quarter in order to be eligible to participate in extracurricular activities during the next grading period.

Nine-week quarter grades are used as the basis for eligibility for the succeeding grading period. A student must pass subjects earning a minimum of five (5) units of credit per year toward graduation. A student failing to meet this requirement will be ineligible for the entire nine-week period.

Any student who has a cumulative grade of "F" since the beginning of the nine-week quarter in any course will be subject to being declared ineligible. If, after one week, the cumulative grade is still an "F," the student will be declared ineligible until his/ her grade is passing. In the event a participant is absent due to an illness during this one-week period, an extension may be granted by the principal for the required make-up work.

WORK-STUDY PROGRAM

The Work-Study Program is an option for those students, grades nine through twelve, who are being served through an Individualized Educational Program (IEP). The IEP must reflect the student's participation in Work-Study, and specific requirements must be met in accordance with district policy for a Work-Study credit.

The purpose of the program is to help the student build a nucleus of employability skills. Students may earn up to one (1) unit of credit per year for in-school or community placement. No more than four (4) units of credit in the Work-Study Program may be applied toward minimum credit requirements for graduation unless a waiver of this restriction is granted by the superintendent or his/her designee.

Ottawa Hills Schools adhere to the Ohio Department of Education Division of Special Education, Work-Study Guidelines. The Work-Study Program is coordinated by the Educational Service Center of Lake Erie West staff members.

DIPLOMAS

The State of Ohio has established criteria for two levels of diplomas for high school students: the *High School Diploma* and the *High School Honors Diploma*.

Criteria for Diploma

- Successfully complete high school curriculum requirements as prescribed by the school district;
- Successfully meet all current assessment requirements prescribed by the state;
- Be ineligible for Honors Diploma.

Criteria Honors Diploma

These criteria are in transition. Starting with the Class of 2017, new criteria might apply; however, the old criteria may be applied for all graduating classes up to and including the Class of 2020. The most current information can be provided by the high school guidance counselor or found at education.ohio.gov.

OHIO COLLEGE ENTRANCE RECOMMENDATION

State universities in Ohio currently recommend that students take the following coursework to be competitive for admissions:

- 4 units of English
- 4 units of mathematics (including Algebra II or above)
- 3 units of science
- 3 units of social studies
- 2 units of foreign language
- 1 unit of visual or performing arts
- 4 additional elective units

Requirements are constantly changing and vary with colleges and universities. Therefore, it is essential to check with individual colleges and universities.

COLLEGE ENTRANCE EXAMS

College entrance exams like the ACT and SAT are very important and should be taken with more than casual interest due to the fact that all scores become a part of the student's permanent record. Students are encouraged to mindfully participate in the multiple opportunities to take such exams. Among those opportunities are the following which are administered during the school day:

Test	Students	Semester
PSAT 8/9	8th graders	Fall
PreACT	9th graders	Fall
PSAT/NMSQT	10th* and 11th graders	Fall
ACT	11 graders**	Spring

* There is a nominal fee for sophomore participation in this test administration.

The district does not submit the scores derived from these school-day administrations to colleges or universities. Student may contact their guidance counselor for additional information about these and other testing opportunities.

SUMMER SCHOOL

The purpose of summer school is to permit the make-up of subjects previously failed. Summer school credits may be earned at other accredited high schools, including those neighboring school districts, and transferred to Ottawa Hills High School. Only approved summer high school courses taken due to failure will satisfy graduation requirements in core academic areas and be included in the grade point average. More, information about summer school courses and locations will be available in the guidance office in May.

REQUIRED PROCEDURES FOR MAKING UP JUNIOR HIGH COURSE FAILURES

Failure in academic courses of English, mathematics, science, physical education, or social studies in the seventh and eighth grades necessitates that a student repeat the course. This make-up work must be completed either in a certified summer school program or through regularly scheduled summer tutoring sessions with a school-approved certified teacher. The cost of such summer make-up work must be assumed by the parents/guardian.

Students who do not complete a summer make-up program with a passing grade will be required to repeat the course during the following academic year. Repeat scheduling may cause scheduling conflicts during that and future years.

SEVENTH GRADE

Students are introduced to the Ottawa Hills Junior High setting in the spring of their sixth grade year. Parents are invited to attend an evening presentation where they have an opportunity to hear staff members discuss the curriculum and program. In August, all incoming seventh graders will be invited to attend a special orientation day for new students (see Junior High Orientation).

Through a system of student requests, teacher recommendations, and test results, and with administrative collaboration, the guidance counselor will place students in their classes. In the seventh grade, there will be two levels of achievement in mathematics. There will be heterogeneous grouping in English, science, and social studies.

JUNIOR HIGH ORIENTATION

During the week prior to the beginning of the school year, the orientation program continues in the form of a meeting for all seventh grade students and any new eighth grade students entering the Ottawa Hills school system for the first time. This program acquaints the new students with their rotating schedules, lockers, and other pertinent information. It ends with small group tours through the school so that the new students can locate their classrooms. Additionally, transition meetings with 6th grade students, parents, teachers, and the junior high guidance counselor may be held to provide a smooth transition to the junior high.

SUMMER STUDY SKILLS WORKSHOP

Seventh graders will be invited to participate in a Summer Study Skills Workshop the week prior to the start of the school year. The workshop focuses on such topics as preparing and planning for long-term projects, one-to-one technology, addressing student concerns, working in groups, and developing assertive learning strategies. Aside from those areas of emphasis, the purpose of the workshop is to help seventh graders feel more comfortable with their transition to the junior high. The workshop leaders consist of the junior high counselor and one or more junior high teachers who aim to establish a level of familiarity with students so that they are more likely to seek assistance at the beginning of the school year, should they need it.

EIGHTH GRADE

During the eighth grade year, there will be two levels of achievement in mathematics. Students will be placed through a system of teacher recommendations, test scores, and grades in previous courses. There will be heterogeneous grouping in English, science, and social studies.

Students who take high school level courses in the eighth grade (Algebra I, French I, or Spanish I) will receive high school credit that will apply toward fulfillment of the graduation requirements.

COURSE OFFERINGS 2017-2018

JUNIOR HIGH

REQUIRED SEVENTH GRADE COURSES

English 7
Pre-algebra 7 (two levels offered)
General Science 7
Ancient World History 7
Health and Physical Education 7
Communicating in French and Spanish (one semester)
STEM for Junior High 7 (one semester)
Four Additional Semesters of Classes.

REQUIRED EIGHTH GRADE COURSES

English 8
Algebra I (two levels offered)
General Science 8
Early American History 8
Health and Physical Education 8
STEM for Junior High 8 (one semester)
Five Additional Semesters of Classes

REQUIRED JUNIOR HIGH COURSES

The following courses should be taken during the seventh or eighth grades:

Career Explorations/Keyboarding (one semester, meets state financial literacy requirement)
Junior High Art (one semester, may be taken both years)
Concert Band or Junior High Choir (full year recommended)
Life Skills (one semester)

OTHER JUNIOR HIGH COURSES

The following courses may be recommended to or required of students based on their performance and/or teacher recommendation:

Reading and Study Skills (one semester, 7th grade only)
Reading Enrichment (one semester, 8th grade only)
Algebra I Enrichment (full year, 8th grade only)
Junior High Digital Tools (one semester, 7th grade recommended)
French I or Spanish I (full year, 8th grade only, strongly recommended)

When creating student schedules, exceptions are sometimes made to best meet the needs of the student. No exception can be made without prior administrative approval.

Successful completion of high school level courses (Algebra I, Spanish I, or French I) taken in the 8th grade will each earn one unit of high school credit and will be recorded on the official high school transcript.

Study halls for junior high students are not recommended; rather, they are encouraged to take classes.

Ottawa Hills Junior High School Curriculum Planning Sheet

REQUIRED SEVENTH GRADE COURSES

English 7
 Pre-algebra 7 (two levels offered)
 General Science 7
 Ancient World History 7
 Health and Physical Education 7
 Communicating in French and Spanish (one semester)
 STEM for Junior High 7 (one semester)
FOUR (4) Additional Semesters of Classes.

REQUIRED EIGHTH GRADE COURSES

English 8
 Algebra I (two levels offered)
 General Science 8
 Early American History 8
 Health and Physical Education 8
 STEM for Junior High 8 (one semester)
FIVE (5) Additional Semesters of Classes

REQUIRED JUNIOR HIGH COURSES *Circle 7th and/or 8th grade*

<u>7th</u>	<u>8th</u>	Career Explorations/Keyboarding (1 semester)
<u>7th</u>	<u>8th</u>	Junior High Art (1 semester, may be taken both years)
<u>7th</u>	<u>8th</u>	Concert Band (1 semester or 2 semesters)
<u>7th</u>	<u>8th</u>	Junior High Choir (1 semester or 2 semesters)
<u>7th</u>	<u>8th</u>	Life Skills (1 semester)
<u>7th</u>	<u>8th</u>	Junior High Digital Tools (1 semester, 7th grade recommended)

OTHER JUNIOR HIGH COURSES (Consult with Guidance Counselor) *Circle 7th and/or 8th grade*

<u>7th</u>	<u>8th</u>	Academic Assist (2 semesters)
<u>7th</u>		Reading and Study Skills (1 semester, 7th grade only)
	<u>8th</u>	Reading Enrichment (1 semester, 8th grade only)
	<u>8th</u>	Algebra I Enrichment (1 or 2 semesters, 8th grade only)
	<u>8th</u>	French I (2 semesters, 8th grade only)
	<u>8th</u>	Spanish I (2 semesters, 8th grade only)

When creating student schedules, exceptions are sometimes made to best meet the needs of the student.
 No exception can be made without prior administrative approval.

COURSE OFFERINGS 2017-2018 HIGH SCHOOL

REQUIRED HIGH SCHOOL CREDITS (24 credits)

English Language Arts (4)	Fine Arts (1)	Public Speaking (½)
Mathematics (4)	Computer Technology or STEM (1)	Personal Finance
Science (4)	Physical Education (½)	or Economics (½)
Social Studies (3)	Health (½)	Electives (5)

REQUIRED HIGH SCHOOL COURSES (14 credits)

English I or HR English I	Modern World History or HR Modern World History
English II or HR English II	Modern American History or HR Modern American History
English III or AP English III	History
English IV or AP English IV or Professional Networking & Communications (English)	United States Government and Politics or AP United States Government and Politics
Algebra I or HR Algebra I	Physical Education
Geometry or HR Geometry	Health Education
Algebra II or HR Algebra II	Public Speaking
Biology or HR Biology	Personal Finance or Economics
Chemistry or Physical Science	

ALL HIGH SCHOOL COURSES

AP = Advanced Placement course
CCP = College Credit Plus course
HR = Honors course
* = Semester Course

ENGLISH/LANGUAGE ARTS

English I, II, III, IV
HR English I, II
AP English Language and Composition [AP English III]
AP English Literature and Composition [AP English IV]
Public Speaking*
A Theater Experience*
Advanced English/ARROWHEAD
Advanced English/MESASA
Introduction to Creative Writing*
Professional Networking & Communication*

MATHEMATICS

Algebra I
HR Algebra I
Geometry
HR Geometry
Algebra II
HR Algebra II
Pre-calculus
HR Pre-calculus
College Algebra
Discrete Mathematics
Calculus
AP Calculus AB
AP Statistics

SCIENCE

Biology
 HR Biology
 AP Biology
 Zoology *
 Botany*
 Chemistry
 HR Chemistry
 AP Chemistry
 Physiology and Anatomy
 HR Physiology and Anatomy
 General Physical Science
 Physics
 HR Physics
 AP Physics 1

WORLD LANGUAGES

French I, II
 Spanish I, II
 HR French III, IV
 HR Spanish III, IV
 AP French Language and Culture [AP French V]
 AP Spanish Language [AP Spanish V]
 Chinese I, II, III, IV

FINE ARTS

Foundations of Art and Design*
 Drawing and Painting*
 Digital Photography I, II*
 Jewelry I, II*
 Stained Glass I, II*
 Ceramics I, II*
 Graphic Design I, II
 Studio Art*
 AP Studio Art: 2-D Design*
 AP Studio Art: 3-D Design*
 AP Art History
 Symphonic Band*
 HR Symphonic Band*
 Concert Choir*
 HR Concert Choir*
 Music Technology*
 Music Theory I*
 AP Music Theory*

OTHER

Test Prep Plus*

SOCIAL STUDIES

Modern World History
 HR Modern World History
 Modern American History
 HR Modern American History
 United States Government and Politics
 AP United States Government and Politics
 AP United States History
 AP European History
 Economics*
 Sociology*
 Global Issues*
 Psychology*

HEALTH AND PHYSICAL EDUCATION

Physical Education
 Health Education*

BUSINESS EDUCATION

Accounting I, II, III
 Personal Finance*
 Professional Networking & Communication*

FAMILY AND CONSUMER SCIENCES

Fashion Design I, II*
 A Chef's Delight*
 A Gourmet's Treat*
 International Foods*
 Sweet Retreats*

COMPUTER TECHNOLOGY & STEM

Junior High Digital Tools*
 Video Production*
 Broadcast Journalism I, II, III*
 Multimedia Creations I, II*
 Webpage Development I, II*
 AP Computer Science Principles
 CCP Introduction to Computer Programming*
 CCP Introduction to Java*
 STEM for Junior High 7*
 STEM for Junior High 8*
 Robotics I, II*
 Modeling & Simulation I*
 Graphic Design*
 Digital Photography I, II*
 Music Technology*

Ottawa Hills Senior High School Curriculum Planning Sheet

REQUIRED HIGH SCHOOL CREDITS (24 credits)

English Language Arts (4) Mathematics (4) Science (4) Social Studies (3)	Fine Arts (1) Computer Technology or STEM (1) Physical Education (½) Health (½)	Public Speaking (½) Personal Finance or Economics (½) Electives (5)
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REQUIRED HIGH SCHOOL COURSES (14 credits)

English I or HR English I English II or HR English II English III or AP English III English IV or AP English IV or Prof. Networking & Communication Algebra I or HR Algebra I Geometry or HR Geometry Algebra II or HR Algebra II Biology or HR Biology Chemistry or Physical Science	Modern World History or HR Modern World History Modern American History or HR Modern American History United States Government and Politics or AP United States Govt & Politics Physical Education Health Education Public Speaking Personal Finance or Economics
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Grade	Required	Elective Semesters	
9	English Mathematics Biology Modern World History Physical Education	1. 2. 3.	4. 5. 6.
10	English Mathematics Science Modern American History Health Education	1. 2. 3. 4.	5. 6. 7.
11	English Mathematics Science US Govt and Politics	1. 2. 3. 4.	5. 6. 7. 8.
12	English Mathematics Science <i>2 Semesters of Academic Electives</i>	1. 2. 3. 4. 5.	6. 7. 8. 9. 10.



Ottawa Hills
Local Schools

COURSE DESCRIPTIONS

Some of the course offerings as indicated require a fee.
Current fee amounts as approved by the Board of Education are available in the high school office.
Fees are typically approved in July for the school year starting in August.

New Courses in 2017-2018

in Art

Foundations of Art and Design (1 semester, 9th - 12th grades) see p. 21

in Business

Entrepreneurship (1 semester, 9th - 12th grades) see p. 24

Accounting I, II, III (1 semester, 10 - 12th grades) see p. 24-25

in Business & English

Professional Networking & Communication

(1 semester, 1 credit, 12th grade) see p. 25 or 33

in Family & Consumer Science

Sweet Retreats (1 semester, 10 - 12th grades) see p. 36

in Math

Calculus (1 year, 11 - 12th grades) see p. 39

a Cross-Disciplinary Elective

Test Prep Plus (1 semester, 9th - 12th grades) see p. 35

ART

- 1011 **Junior High Art** (1 semester, required during either 7th or 8th grades)
1012 8th grade if also taken in 7th grade

Building on skills gained at the elementary level, the Junior High Arts program helps students further develop their technical skills in various media including drawing, painting, printmaking, ceramics and the digital arts. Throughout the semester, students will also be exposed to a diverse range of historic and contemporary art forms from a variety of cultures.

\$ There is a fee associated with this course.

NEW COURSE

- 1031 **Foundations of Art and Design** (1/2 credit, 1 semester, 9th - 12th grades)

Foundations of Art and Design is a fundamentals course that focuses on learning how the elements and principles of art are used to guide design and strengthen communication of an idea in both the two and three-dimensional realms. Abstract paper collage, observational drawing, expressive painting, perspective, sculptural assemblage and modeling – an array of topics will be addressed to foster creativity and develop skill.

Beginning with the class of 2021, Foundations of Art and Design is a prerequisite for students wishing to take Drawing and Painting. It is a preferred prerequisite for Graphic Design, Jewelry, Ceramics, Stained Glass, Studio Art, and Advanced Placement Studio Art.

\$ There is a fee associated with this course.

- 1032 **Drawing and Painting** (1/2 credit, 1 semester, 9th - 12th grades)

Drawing is an essential skill that influences the decision-making and product of every artist. Throughout history painting has influenced art movements, religion, politics, décor, and much more. This course will explore drawing and painting techniques and media including graphite, charcoal, ink, watercolor, and acrylic on various surfaces. Students interested in Studio Art or AP Studio Art: 2-D Design are required to take either 2-D Discovery or Drawing and Painting.

\$ There is a fee associated with this course.

Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

- 1033 **Digital Photography I** (1/2 credit, 1 semester, 9th - 12th grades)

Photography as a fine art using digital cameras will be explored in this course. Students will become familiar with the operation and features of digital cameras while investigating composition, point of view, black and white images, color balance, and lighting. Photographic history, persuasion photography, and personal narrative are topics for discussion and content for projects. Students are encouraged to supply their own digital camera.

\$ There is a fee associated with this course.

- 1041 **Digital Photography II** (1/2 credit, 1 semester, 10th - 12th grades)

Digital Photography II is open to students who have successfully completed Digital Photography I. Special techniques will be explored which include advanced editing, photo collage, retouching, large format printing, 3-dimensional constructions, low-light imaging, and studio lighting.

\$ There is a fee associated with this course.

Prerequisite: Digital Photography I

1034 **Jewelry I** (1/2 credit, 1 semester, 11th - 12th grades)

This is a course for students interested in learning the fundamental techniques of jewelry making. The class will concentrate on lost wax casting in sterling silver, etching, and fabrication methods using selected metals. Students will generate original designs to create wearable art. Students interested in producing 3-dimensional work in Studio Art or AP Studio Art: 3-D Design are required to take either Ceramics I or Jewelry I.

[\\$ There is a fee associated with this course.](#)

Preferred Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

1043 **Jewelry II** (1/2 credit, 1 semester, 11th - 12th grades)

Advanced jewelry students will further explore the art of adornment by investigating the work of contemporary metalsmiths. Students will also have the opportunity to enamel, cast molten metal into a planned design, bezel set a cabochon stone, and inlay stone into a multi-layered artwork.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Jewelry I

1035 **Stained Glass I** (1/2 credit, 1 semester, 10th - 12th grades)

This course introduces students to the medieval art of glass working. Students will explore the artwork of stained glass master artists, including Frank Lloyd Wright and Louis Comfort Tiffany, while learning cutting, fitting, and assembly techniques to aid in the creation of two stained glass pieces and one glass tile mosaic.

[\\$ There is a fee associated with this course.](#)

Preferred Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

1044 **Stained Glass II** (1/2 credit, 1 semester, 10th - 12th grades)

Individuals will investigate a famous work of art and create a design influenced by their research using advanced stained glass techniques. Students will also study the artwork of Louis Comfort Tiffany to aid in the creation of a three-dimensional lampshade.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Stained Glass I.

1036 **Ceramics I** (1/2 credit, 1 semester, 9th - 12th grades)

Ceramics introduces students to the essential techniques of the media including slab and coil construction, wheel-thrown pottery, and decorative applications. Other topics to be addressed include the characteristics of various clay bodies, different glazing techniques, and the firing process. Students will also learn how imagery, design, and culture affect purpose and meaning in works of art. Students interested in producing 3-dimensional work in Studio Art or AP Studio Art: 3-D Design are required to take either Ceramics I or Jewelry I.

[\\$ There is a fee associated with this course.](#)

1037 **Ceramics II** (1/2 credit, 1 semester, 10th - 12th grades)

Advanced ceramics students will focus on creating functional clay sculpture and improving throwing skills on the potter's wheel. Additional emphasis will be placed on design techniques, construction, and surface decoration.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Ceramics I

1038 **Graphic Design I** (1/2 credit, 1 semester, 9th - 12th grades)

In Graphic Design I students will gain the skills, vocabulary and background knowledge necessary to create thoughtful and informative graphics. Students will develop a better understanding of their personal aesthetic and a working familiarity with the Adobe programs used most frequently in the field of graphic design: Photoshop, Illustrator, and InDesign.

[\\$ There is a fee associated with this course.](#)

Preferred Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

1039 **Graphic Design II** (1/2 credit, 1 semester, 9th - 12th grades)

Graphic Design II is recommended for students considering pursuing Graphic Design at an advanced level. Students will continue to explore and use the Adobe Programs InDesign, Photoshop and Illustrator in the creation of a portfolio appropriate for college applications. In addition to cultivating a greater understanding of the practical skills necessary to create dynamic visuals, the theoretical knowledge of design will be discussed as we examine the work and texts of preeminent graphic designers.

[\\$ There is a fee associated with this course.](#)

1051 **Studio Art** (1/2 credit, 1 semester, 10th - 12th grades)

1052 Second Semester

Studio Art is offered to highly motivated sophomores, juniors, and seniors who are seeking an intense, challenging, and advanced art experience. The course content and sequence will include advanced core studies in drawing and design and individualized concentrations determined by each student's interests and strengths. The goals of Studio Art include developing a portfolio for college applications and to begin to develop an AP portfolio for senior year.

[\\$ There is a fee associated with this course.](#)

Prerequisite: (for the classes of 2017-2020) Teacher recommendation, 2-D Discovery or Drawing and Painting

Preferred Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

1053 **AP Studio Art: 2-D Design** (1/2 credit, 1 semester, 12th grade)

1054 Second Semester

AP Studio Art is offered to highly motivated seniors who are seeking an intense, challenging, and advanced art experience while developing a 2-D AP portfolio. A comprehensive portfolio demonstrating breadth, quality, and a topic concentration will be submitted to The College Board at the end of the year for scoring. The cost to submit an AP Studio Art 2-D Design portfolio is currently \$93.

[\\$ There is a fee associated with this course.](#)

Prerequisite: (for the classes of 2017-2020) Teacher recommendation, 2-D Discovery or Drawing and Painting

Preferred Prerequisite (for the class of 2021 and beyond): Foundations of Art and Design

1056 **AP Studio Art: 3-D Design** (1/2 credit, 1 semester, 12th grade)
1057 Second Semester

AP Studio Art is offered to highly motivated seniors who are seeking an intense, challenging, and advanced art experience while developing a 3-D AP portfolio. A comprehensive portfolio demonstrating breadth, quality, and a topic concentration will be submitted to The College Board at the end of the year for scoring. The cost to submit an AP Studio Art 3-D Design portfolio is currently \$93.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Teacher recommendation, Ceramics I or Jewelry I.

1070 **AP Art History** (1 credit, full year, 9th – 12th grades)

The AP Art History course emphasizes a deep conceptual understanding of art historical concepts and traditions. Through the examination of 250 works of art that range from the prehistoric to the present, students will develop the essential skills of visual and contextual analysis. Through readings, discussions and research students will expand their knowledge of history, geography, politics, religion, languages, and literature, as they explore the story of people as told through the art they created. Students who plan to take the Advanced Placement examination in Art History will pay the AP exam fee (currently \$93).

[\\$ There is a fee associated with this course.](#)

BUSINESS

0825 **Career Explorations/Keyboarding** (1 semester, required for all Junior High students)

This course will offer opportunities for each student to access career information, assess personal interests and aptitudes, utilize goal-setting strategies, and make decisions involving his/her academic and career future. Students are also introduced to basic financial literacy concepts associated with being a responsible consumer, as required by the State of Ohio. Successful use of technology and strong keyboarding skills are also essential elements of career development. Students will learn proper keyboarding techniques.

NEW COURSE

0890 **Entrepreneurship** (1/2 credit, 1 semester, 9th - 12th grades)

Do you have a desire to own your own business? Ignite your entrepreneurial spirit and turn your passion into a plan. The primary goal of this course is to provide an understanding of entrepreneurship and the entrepreneurial process. Topics covered will include characteristics of an entrepreneur, legal issues, marketing, accounting, management, and business plans. Guest speakers will share their entrepreneurial experiences.

0851 **Accounting I** (1/2 credit, 1 semester, 10th - 12th grades)

Accounting is the language of business. It is an essential aspect of every business institution and organization. As future workers, small business owners, and entrepreneurs, students who understand basic accounting principles will more knowledgeably manage their companies' financial resources. This course covers the basic concepts of double-entry accounting and fundamental practices of maintaining journals, ledgers, and preparing financial statements. It applies this information for a service business organized as a proprietorship. Automated Accounting provides introductory exposure to the accounting cycle and real-world accounting software.

[\\$ There is a fee associated with this course.](#)

Students who took Accounting prior to the 2017-2018 school year may not take this course.

0852 Accounting II (1/2 credit, 1 semester, 10th - 12th grades)

Accounting is the language of business. This course provides a comprehensive review of the principles and practices learned in Accounting I. It applies this information to a merchandising business organized as a corporation and fosters further development of the student's capacity to make decisions based on interpretation of financial data. An Automated Accounting simulation will be completed.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Accounting I

Students who took Accounting prior to the 2017-2018 school year may not take this course.

NEW COURSE

0853 Accounting III (1/2 credit, 1 semester, 10th - 12th grades)

Accounting is the language of business. A continuation of Accounting II, this course explores the accounting adjustments and valuation of a corporate merchandising business. Topics include, evaluating options when acquiring capital, procedures for acquiring and expensing the cost of plant assets and intangible assets, inventory accounting, accruals and deferrals.. An advanced Automated Accounting simulation will be completed.

[\\$ There is a fee associated with this course.](#)

Prerequisites: Accounting I and II (or Accounting taken prior to the 2017-2018 school year)

0844 Personal Finance (1/2 credit, 1 semester, 10th - 12th grades)

This course is designed to empower students to make sound financial decisions for life. Students will learn how to: save money and build wealth, negotiate great deals, establish a budget that works, identify and understand different types of investments, set and achieve financial and career goals, describe the many dangers of debt, recognize the advantages of renting and owning a home, understand different types of insurance, and become an aware consumer. This course satisfies the Ohio financial literacy graduation requirement of the Ohio Core.

[\\$ There is a fee associated with this course.](#)

NEW COURSE

0870 Professional Networking & Communication (1 credit, 1 semester, 2 periods, 12th grade)

Professional Networking & Communication is a semester course providing the eligible senior with authentic, real-world career exploration opportunities through OH partner businesses and organizations. Facilitated by both the Business and English departments, this course is project-based learning personalized to each student, incorporating business education and technical communication skills for early workplace awareness and success. Students will make on-site visits to partnering organizations to explore career paths, industry issues, and post-secondary education and growth possibilities. The student must have means of transportation to partnering organizations. A work of nonfiction will be required reading and announced at the beginning of the course. One full credit may be earned in EITHER Business or English.

COMPUTER TECHNOLOGY & S.T.E.M. (Science, Technology, Engineering, and Mechanics)

0720 **Junior High Digital Tools** (1 semester, for junior high students by recommendation)

The ability to access and use digital tools and resources are essential skills for all students to be productive in our technological environment. Students will demonstrate the understanding and application of digital tools for accessing, creating, evaluating, applying and communicating ideas and information. Students will learn productivity skills, including word processing, presentations, and spreadsheets using various software packages, as well as appropriate Internet safety and acceptable use of technology at Ottawa Hills.

0732 **Video Production** (1/2 credit, 1 semester, 9th - 12th grades)

During this course, students will create their own movies using original footage shot with a camcorder, and edited with the video editing software Final Cut Pro. Students will learn how to tell a story, learn the basics of camera shots, and how to use a camcorder, tripod, and microphone to create the audio and video tracks for their movies. They will create various projects such as a video of various camera shots, commercial, news story, an interview, and more. Group projects may be part of the course. Having a camcorder or digital video camera is recommended, but not required. Time must be spent outside of class to plan for and acquire raw footage for projects.

[\\$ There is a fee associated with this course.](#)

0740 **Broadcast Journalism I** (1/2 credit, 1 semester, 10th-12th grades) 0745 Second semester (Students must successfully complete semester 1)

Students enrolled in Broadcast Journalism I will learn how to gather and analyze information, and write news and features for broadcast. This hands-on class will allow students to work on real-world projects for the OH News, the school's news show. Students will create stories and commercials; conduct and videotape interviews; master the basics of good camera, sound, and lighting techniques; and learn valuable digital video editing skills. Students may also assist with sound, editing, lighting, and anchor positions. Time must be spent outside of class to plan for and acquire raw footage for projects. Each student must provide his/her own SDHC Card (Class 6 or above).

[\\$ There is a fee associated with this course.](#)

Prerequisite: Video Production and permission of the instructor.

0750 **Broadcast Journalism II** (1/2 credit, 1 semester, 10th - 12th grades) 0755 Second semester

Students enrolled in Broadcast Journalism II will continue to produce the OH News. In addition to creating stories and commercials, students will begin to hold leadership positions in the classroom that will assist the team with sound, editing, lighting, and anchor positions. Time must be spent outside of class to plan for and acquire raw footage for projects. Each student must provide his/her own SDHC Card (Class 6 or above).

[\\$ There is a fee associated with this course.](#)

Prerequisite: Broadcast Journalism I and permission of the instructor.

0760 **Broadcast Journalism III** (1/2 credit, 1 semester, 10th - 12th grades)
0765 Second semester

Students in Broadcast Journalism III will hold leadership positions for the OH News. Sample positions include producer, director, head anchor, etc. Students will also continue to create stories and commercials for the OH News. Each student must provide his/her own SDHC Card (Class 6 or above).

[\\$ There is a fee associated with this course.](#)

Prerequisite: Broadcast Journalism II and permission of the instructor.

0736 **Multimedia Creations I** (1/2 credit, 1 semester, 9th - 12th grades)

This semester course allows the student to extend his or her use of the computer to create multimedia projects. Students will make attractive, professional- looking projects that come alive with graphics, sound, and animation. Projects created in this course would commonly be seen on television, the World Wide Web, in games and on DVDs. Projects may include motion graphics, digital photo album, original audio creation, stop motion animation, and more.

[\\$ There is a fee associated with this course.](#)

0737 **Multimedia Creations II** (1/2 credit, 1 semester, 9th - 12 grades)

This course is a continuation of Multimedia Creations I. Students will continue to advance their skills in a computer lab setting. Multimedia Creations II students will create advanced motion graphics, animation, and original music. Each student will have the opportunity to concentrate on individual areas of interest.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Multimedia Creations I

0738 **Web Page Development I** (1/2 credit, 1 semester, 9th - 12th grades)

This semester course uses the computer along with computer software packages to build web sites and make web pages come alive with color, graphics, sound, and animation. Students will learn Hypertext Markup Language (HTML) and will use computer software to create their sites. Adobe Photoshop will be used for graphic creation, basic animation, and photo editing. The goal is for students to create attractive, professional- looking sites for the World Wide Web. Time will be spent learning about appropriate and effective design, formatting, and layout of a web page.

[\\$ There is a fee associated with this course.](#)

0739 **Web Page Development II** (1/2 credit, 1 semester, 9th - 12th grades)

This course is a continuation of Web Page Development I. Students will continue to advance their skills in a computer lab setting. Web Page Development II students will use software such as Dreamweaver and Flash and will also explore the use of advanced HTML. They will create web graphics using Adobe Photoshop.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Web Page Development I

7921 AP Computer Science Principles (1 credit, full year, 9th - 12th grades)

This course is designed to introduce students to the central ideas of computer science, to develop computational thinking skills, and to apply computer science principles across the STEM fields and to our daily lives. This course builds a solid understanding of computing and computational thinking practices and engages students in the creative aspects of the computer science field. There is a focus on the use of technology as a means for solving computational problems and exploring creative endeavors with emphasis on people and society, not just on machines and systems. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life. Students will explore the relevance to and impact of computer science on the world. Students enrolled in this course are expected to take the AP exam. The current AP exam fee is \$93.

1350 CCP – Introduction to Computer Programming IST 112 (1 semester, 9th – 12th grades)

This College Credit Plus (CCP) semester course is a dual credit course taken for 1 unit of high school credit and 3 hours of transcribed college credit through Owens Community College.

Students must apply to and be accepted at Owens Community College prior to registering for this course.

Introduction to Computer Programming is an introductory college level course that introduces the student to critical thinking concepts and problem-solving techniques integral to computer programming. This course introduces the student to basic computer programming concepts including program design, algorithms, control structures, data structures, and object-oriented programming (OOP) using Alice 3D programming environment.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Determined by Owens Community College

1360 CCP – Introduction to Java IST 265 (1 semester, 9th – 12th grades)

This College Credit Plus (CCP) semester course is a dual credit course taken for 1 unit of high school credit and 4 hours of transcribed college credit through Owens Community College.

Students must apply to and be accepted at Owens Community College prior to registering for this course.

Introduction to Java is a college level course that introduces object-oriented programming using Java with an emphasis on creating business-oriented applications. Topics include methods events, decisions, loops, objects and classes, the user interface, inheritance, arrays and string manipulation.

[\\$ There is a fee associated with this course.](#)

Prerequisite: IST 112 and as determined by Owens Community College

1311 STEM for Junior High – 7th grade (1 semester, required for all 7th graders)

This course consists of a project-based curriculum designed to challenge and engage the natural curiosity and imagination of junior high students. Students acquire knowledge and skills in problem solving, teamwork and innovation. Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students use robotics to design, build and program a solution to solve an existing problem. They will be introduced to and use the design process to solve problems and understand the influence that creative and innovative design has on our lives.

[\\$ There is a fee associated with this course.](#)

1321 **STEM for Junior High – 8th grade** (1 semester, required for all 8th graders)

This course continues the project-based curriculum designed to challenge and engage the natural curiosity and imagination of junior high students. Students will study the history of aerospace through hands-on activities, explore the science behind aeronautics, and use their knowledge to design, build and test a model glider. Students will also explore the science of electricity, the behavior and parts of atoms, and acquire knowledge and skills in basic circuitry design as they explore the impact of electricity on our lives.

[\\$ There is a fee associated with this course.](#)

1331 **Robotics I** (1/2 credit, 1 semester, 9th - 12th grades)

This course introduces students to the field of robotics. Students learn the mechanical design and construction of robots through hands-on activities. Students will build and program a robot, then use it to conduct experiments demonstrating physics and mechanical properties, adding sensors and mechanism. The course ends with a capstone project featuring competitive instructional strategies.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Algebra I

1332 **Robotics II** (1/2 credit, 1 semester, 11th-12th grades)

Robotics II continues with the strategies learned in Robotics I with a deeper understanding of engineering topics, and building more advanced robots. Students will use mechanical properties, including programming and advanced mechanics as they complete the final capstone project.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Robotics I and Algebra II

1341 **Modeling & Simulation I** (1/2 credit, 1 semester, 9th - 12th grades)

This course provides an overview and introduction to the field of Modeling and Simulation. Students will investigate the types of models and simulations and their potential application in industry. Students will systematically evaluate process models with real-world applications. Students will explore 3-D modeling using SolidWorks software and will complete a capstone project that will simulate a fire escape in our school.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Algebra I

The following courses may also be taken by high school students toward fulfilling the one unit of computer technology required for graduation:

Graphic Design; Digital Photography I or II; or Music Technology.

ENGLISH LANGUAGE ARTS

NOTE REGARDING ENGLISH HONORS

Candidates for English honors courses are considered based on the following criteria: ability/achievement, attitude/work ethic, and growth/improvement.

Students who are interested in registering for English honors courses must obtain a recommendation from their current English teacher.

Applicants for HR English I must have recommendations from their 7th and 8th grade English teachers.

0111 **English 7**

Students learn the tenets of critical thinking and apply them to their own reading and writing of informational and literary texts. They learn to analyze language at several levels, from the single word to the novel. That analysis is then used to make comparisons between written works and an established standard for that genre, works of similar or different genres, or works from other media. Such comparisons lead into informed evaluations about what they read or view. Students write at every stage of this process, producing a wide range of spontaneous and researched works. Specific forms that are analyzed include the word, the sentence, the essay, and the narrative. Genre studies include short fiction, fantasy, historical fiction, and drama. As an integral part of this work, students expand their English vocabulary and understanding of both literary and language terms as well as develop stronger listening and speaking skills. Students will be required to purchase or otherwise acquire supplemental reading materials.

0121 **English 8**

Following core standards, students in eighth grade English will learn to read, analyze, and respond to texts at a deeper level. A variety of pieces will be used, including short stories, poems, and novels. Informational text will be emphasized through non-fiction articles and full-length texts. In writing, students will use the writing process to produce writing in a variety of genres, including narrative, argument, informative, and explanatory. Students will produce spontaneous writing, as well as researched pieces that have followed the writing process. Through both reading and writing, students will deepen their vocabulary, language, and speaking and listening skills. Students will be required to read independently outside of class. Students will be required to purchase or otherwise acquire supplemental reading materials.

[\\$ There is a fee associated with this course.](#)

0131 **English I (1 credit)**

Following core standards, this course will focus on critically exploring various literary genres (both fiction and nonfiction), grammar/usage review and reinforcement, vocabulary work, and extensive work in writing skills (argument, persuasion, literary analysis, narration, and explanation) using MLA format and use of citations. Students will be required to purchase or otherwise acquire supplemental reading materials.

0130 **HR English I** (1 credit)

This course features an extended scope of literature, both classical and contemporary; more mature reactions to literature (both fiction and nonfiction) and literary analysis in essay tests; extensive work in writing skills and vocabulary; and grammar and usage review. Students should have advanced critical thinking and writing skills with knowledge of MLA format and use of citations. Students will be required to purchase or otherwise acquire supplemental reading materials.

Prerequisite: Teacher recommendation, state test scores, and exceptional writing skills.

0141 **English II** (1 credit)

This course is a survey of world literature, including selections from antiquity to the present. The focus for analysis and discussion will be universal human questions and themes. Study and discussion will include the cultural milieu in which the works were created - such as the religion, philosophy, economics, and social issues of race and gender of that period - as well as the universal concerns shared by all cultures. Diligent active reading strategies and ongoing literary analysis will be introduced and reinforced. Writing instruction will focus on exposition, persuasion, and documentation. Grammar, spelling, and punctuation will be addressed in an individualized manner and in the context of writing assignments. New vocabulary will be introduced through the study of classic roots in preparation for the SAT and ACT tests. All students will take the Ohio Graduation Test in the spring of the sophomore year. Students are required to purchase six to seven supplemental paperback books. Students may purchase the books through the school or on their own. Students must be able to write in the books.

[\\$ There is a fee associated with this course.](#)

0140 **HR English II** (1 credit)

This course is a survey of world literature, including selections from antiquity to the present. The focus for analysis and discussion will be universal human questions and themes. Study and discussion will include the cultural milieu in which the works were created - such as the religion, philosophy, economics, and social issues of race and gender of that period - as well as the universal concerns shared by all cultures. Diligent active reading strategies and ongoing literary analysis will be introduced and reinforced. Writing instruction will focus on exposition, persuasion, and documentation. Grammar, spelling, and punctuation will be addressed in an individualized manner and in the context of writing assignments. New vocabulary will be introduced through the study of classic roots in preparation for the SAT and ACT tests. All students will take the Ohio Graduation Test in the spring of the sophomore year. HR English II will differ from English II in the selection of material and the depth of analysis and response. The honors course is designed to prepare students for Advanced Placement English in the junior year. Students are required to purchase five to six supplemental paperback books. Students may purchase the books through the school or on their own. Students must be able to write in the books.

[\\$ There is a fee associated with this course.](#)

0151 **English III** (1 credit)

This course is primarily a paperback study of American literary concepts illustrating the historical, social, religious, and cultural heritage. Writing assignments are chiefly expository, experience- and literature-based. Numerous options to facilitate decision-making ability and independent effort are included. Large and small group work is featured. Vocabulary is stressed. Review for SAT/ACT is included. An individualized reading program is an important feature. Students are required to purchase seven paperback books. If students would like to purchase books on their own, a complete list of required books will be given on the first day of school.

[\\$ There is a fee associated with this course.](#)

APPLICATION FOR ADVANCED PLACEMENT (AP)

AP English Language and Composition [AP English III]

AP English Literature and Composition [AP English IV]

Students in the Advanced Placement English program at Ottawa Hills High School in grades eleven and twelve pursue studies equivalent to those on the freshman college level. Advanced Placement is a two-year program designed to culminate in the taking of and successful performance on the Advanced Placement Tests in English Language and Composition and in English Literature and Composition given at the end of each of those years.

CRITERIA FOR ACCEPTANCE INTO THE PROGRAM INCLUDE ALL OF THE FOLLOWING:

- Students must be earning an A or B in Honors English or an A in English to be considered.
- Students must have the recommendation of their current English teacher.
- Students will be expected to maintain quality grades for the remainder of the year after recommendation.
- Students will be expected to take the AP exam in the spring unless a waiver is given by the teacher. (Current cost: \$93)

Applications for AP English Language and Composition [AP English III] will be available from sophomore English teachers at the beginning of the second semester prior to registration for junior English courses.

0150 AP English Language and Composition [AP English III] (1 credit)

This junior level course provides an in-depth survey of American literary concepts with history, religion, and culture. Writing assignments include short essays, longer critical papers - literature based, and comparative papers - literature based. Class structure varies: large group/small group work as well as student initiated projects. Features of the course are an extensive vocabulary review, syntax review for writing polish, review for SAT and ACT, preparation for the AP English Language and Composition Test, and an individualized reading program. Students are required to purchase seven paperback books. If students would like to purchase books on their own, a complete list of required books will be given on the first day of school. Students who plan to take the Advanced Placement examination in English will pay the AP test fee (currently \$93).

[\\$ There is a fee associated with this course.](#)

0161 English IV (1 credit)

English IV is a continuation of skill-building with rhetoric, literature, presentation, writing, and vocabulary acquisition. Students will begin the course with an in-depth guide into college essay writing and will continue practicing their skills in all writing modes, including narrative, persuasive, and literary analysis throughout the year. Canonical pieces of literature will be offered along with non-fiction to analyze thematic and contemporary application of the works. Students will be asked to purchase five paperback books that they are able to annotate.

0160 **AP English Literature and Composition [AP English IV]** (1 credit)

The senior Advanced Placement English course is designed to offer a student in high school a literature/ composition course comparable to one the student would encounter as a freshman in college. Classic literature from a variety of time periods and rhetorical contexts will be analyzed with an emphasis on structure. Also included is a concentrated preparation for the Advanced Placement English Literature and Composition Test. Students who plan to take senior Advanced Placement English must be recommended by the junior Advanced Placement English teacher and are expected to take the Advanced Placement exam. It is recommended that students purchase or otherwise acquire five supplemental paperback books. Students who plan to take the Advanced Placement examination in English Literature and Composition will pay the AP test fee (currently \$93).

Prerequisite: Recommended AP English Language and Composition [AP English III]

NEW COURSE

0170 **Professional Networking & Communication** (1 credit, 1 semester, 2 periods, 12th grade)

Professional Networking & Communication is a semester course providing the eligible senior with authentic, real-world career exploration opportunities through OH partner businesses and organizations. Facilitated by both the Business and English departments, this course is project-based learning personalized to each student, incorporating business education and technical communication skills for early workplace awareness and success. Students will make on-site visits to partnering organizations to explore career paths, industry issues, and post-secondary education and growth possibilities. The student must have means of transportation to partnering organizations. A work of nonfiction will be required reading and announced at the beginning of the course. One full credit may be earned in EITHER Business or English.

0133 **Public Speaking** (1/2 credit, 1 semester, 9th - 12th grades)

This is a one-semester course offered both semesters each year. Public Speaking is designed to introduce students to oral and non-verbal communication techniques. Various speeches are presented by students throughout the semester including, but not limited to the following: Demonstrative, Persuasive, Informative, Impromptu, Problem-solving, and Pantomime. The course is performance-based, and all students will come out of the semester course with increased confidence in their speaking ability.

0143 **A Theater Experience** (1/2 credit, 1 semester, 10th - 12th grades)

An extension of the Public Speaking course, A Theater Experience introduces students to Russian philosopher Constantin Stanislavski's view of acting. Stanislavski's "system" offers both a means of mastering the craft of acting and of stimulating the actor's individual creativity and imagination. Additionally, the "magic if," "emotional memory," and the "unbroken line" help actors achieve theatrical truth. Furthermore, students will be required to attend and evaluate two theatrical performances and to participate in theatrical competitions. This course may be taken twice for credit. Each time students take this course different expectations will be presented.

\$ There is a fee associated with this course.

Prerequisite: Public Speaking and an audition/ interview required.

0153 Advanced English/ARROWHEAD (1 credit, full year, 11th - 12th grades)

The ARROWHEAD staff is responsible for the planning and production of the school newspaper. The course is open to juniors and seniors (contingent upon advisor recommendation). Students selected for the staff will be expected to enroll in the class for two years and meet all deadlines and responsibilities. Not accepting responsibilities in meeting deadlines and/or lack of cooperation with other staff members will result in dismissal from the course. Considerable time and work outside of class will be required.

Prerequisite: Enrollment by permission of the instructor, and it is recommended that students take the Graphic Design course.

0154 Advanced English/MESASA (1 credit, full year, 11th - 12th grades)

This two-year course is for MESASA staff members who will plan and produce the high school yearbook. They will also sell advertisement space to offset the cost of doing so. Enrollment is open to juniors and seniors (contingent upon advisor recommendation). Applications for the staff are completed during the sophomore year, and students are expected to enroll for two years. Students are required to take necessary photographs and/or conduct interviews for layouts outside of class time. All work is computer based and must be completed by the designated deadlines.

Prerequisite: Enrollment by permission of the instructor, and it is recommended that students take the Graphic Design course.

0155 Introduction to Creative Writing (1/2 credit, 1 semester, 10 - 12th grades)

This course is designed to introduce students to writing as an art. Students will explore writing in various genres including, but not limited to, poetry, narrative, drama, short story, and others. In addition to creating a portfolio of personal writing, students will learn to evaluate, edit, and perform various other publishing functions. Final projects will include a personal portfolio. Supplemental reading material purchase may be recommended.

0211 Reading and Applied Study Skills (1 semester, 7th grade, by recommendation)

During this course, students learn a process of finding and implementing solutions to problems, and focus that process on problems related to reading and study skills. Students learn how to work effectively in groups, identify fruitful research topics, evaluate primary and secondary sources, actively read complex informational text, and present their findings in various formats. Research topics are driven by student needs but typically include learning styles, reading comprehension of informational text, time management, test preparation, and vocabulary expansion. The goal of this course is to foster the development of skills applicable to all classes and to prepare students for the state assessments.

0221 Reading Enrichment (1 semester, 8th grade, by recommendation)

In addition to preparing for state assessments, students who take this course will develop a deeper understanding of the reading experience. They will practice expressive reading, identify universal conflicts and themes from a wide variety of written works, and apply a critical thinking process to genre studies. Those genres include book-length works of fiction and nonfiction, short stories, essays, poetry, drama, and more (including some unusual, everyday genres like song lyrics and t-shirts). Students will also make textual, visual, and auditory connections to what they read, making the reading experience cross over into various expressive media and learning modalities.

NEW CROSS-DISCIPLINARY COURSE

0157 **Test Prep Plus** (1/2 credit, 1 semester, 9th - 12th grades)

This elective workshop provides guidance to students in preparing for high-stakes tests like the ACT, the SAT, or the State End-of-Course Exams. Students will determine which one or more of these tests will be their focus of study. In addition, students receive instruction and guidance in the time management strategies that benefit all students and can carry over into their personal and professional lives.

This workshop may be facilitated by any Ottawa Hills faculty member.

FAMILY & CONSUMER SCIENCES

1211 **Life Skills** (A one-semester exploratory course taken in either 7th or 8th grade)

This course introduces students to basic topics in Family & Consumer Sciences including foods, nutrition, sewing and laundry. The junior high student will learn to sew by hand and machine through the construction of several projects. Clothing care and laundry will also be covered. The student will explore the area of foods and nutrition and will learn the basics of cooking in the foods lab. There will be additional costs to cover sewing projects.

[\\$ There is a fee associated with this course.](#)

1231 **Fashion Design I** (1/2 credit, 1 semester, 9th - 12th grades)

This course introduces students to the study of fashion, fabrics, and basic construction of apparel pieces. The students will learn basic sewing skills and construct several projects of their choice. Knitting and/or needlework will also be included in this course. Students are required to purchase their own patterns and materials.

[\\$ There is a fee associated with this course.](#)

1241 **Fashion Design II** (1/2 credit, 1 semester, 10th - 12th grades)

This is an advanced fashion course for the student who has mastered basic sewing skills. This course will offer the student the opportunity to further explore their creativity and expand their knowledge of fashion, fabrics, and clothing construction. Advanced sewing skills and knitting/needlework will be covered in this course. Students are required to purchase their own patterns and supplies.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Fashion Design I

1233 **A Chef's Delight** (1/2 credit, 1 semester, 9th - 12th grades)

This course is designed to prepare the student to become self-sufficient in the kitchen. The content of this course will include food preparation methods that are utilized in the following units: Dairy, Meat, Eggs, Fruits, Vegetables, Breads, and Baked Goods. Nutrition and wellness practices will be emphasized.

[\\$ There is a fee associated with this course.](#)

1243 A Gourmet's Treat (1/2 credit, 1 semester, 10th - 12th grades)

This is a course in advanced food preparation and creative cooking. This is for the student who has prior knowledge of foods, nutrition, and basic cooking skills. Preparation techniques for appetizers, soups, salads, breads, crepes, soufflés, cakes, and other desserts will be taught. Nutrition and wellness practices will be emphasized.

[\\$ There is a fee associated with this course.](#)

Prerequisite: A Chef's Delight or instructor's permission.

1244 International Foods (1/2 credit, 1 semester, 10th - 12th grades)

This is an advanced food course for the student with prior knowledge of foods, nutrition, and basic cooking skills. The main focus is to explore how climate, geography, and culture have influenced the food customs of the United States and a variety of foreign countries. The majority of the course is spent in the lab preparing foods from the country.

[\\$ There is a fee associated with this course.](#)

Prerequisite: A Chef's Delight or instructor's permission.

NEW COURSE

1246 Sweet Retreats (1/2 credit, 1 semester, 10th - 12th grade)

This course is designed to expand on skills mastered in prior FCS courses. Students will gain in depth knowledge of ingredients, techniques, & procedures through classroom instruction and lab experiences. Preparation of a variety of items including pastry & bread doughs, chocolate confections, cakes & cake decorating, icings, fillings, and egg based desserts.

[\\$ There is a fee associated with this course.](#)

Prerequisite: A Chef's Delight and Gourmet Treats or instructor's permission.

HEALTH & PHYSICAL EDUCATION

0611 Health and Physical Education 7th Grade (full year)

0612 Health and Physical Education 8th Grade (full year)

Health and Physical Education will be required for a full year during the 7th and 8th grades. In the 7th grade, health concepts will be incorporated into the physical education setting. There will be a greater emphasis on Health Education during the 8th grade. A minimum of one week out of every four will be devoted to health instruction dealing with current health issues, with the remaining days spent in physical education.

Physical Education emphasis will be on personal fitness, basic motor skills, and team concepts. The Health Education curriculum will deal with current health issues.

Being dressed properly for physical education classes requires shorts and t-shirts (in color choices of gray, white, black, or green), socks, and tennis shoes that are a change of clothing from what was worn to school.

0631 Physical Education (1/2 credit, full year, graduation requirement, 9th grade)

All ninth graders will take Physical Education for one full year. The program is designed with emphasis on personal fitness, incorporating basic through advanced fitness concepts and activities, the development of individual fitness programs, and an integration of team, individual, and lifetime sports.

Being dressed properly for physical education classes requires shorts and t-shirts (in color choices of gray, white, black, or green), socks, and tennis shoes that are a change of clothing from what was worn to school.

0632 Health Education (1/2 credit, 1 semester, graduation requirement, 10th grade)

Health Education is a required course for all 10th graders. Concentration will be on improving one's quality of life through attitudes and behaviors with special emphasis on safety and first aid; personal health; human sexuality; drug, alcohol, and tobacco education; and the understanding of infectious and non-infectious disease.

MATHEMATICS

NOTES

Calculators

Scientific calculators are required in all math classes, and graphing calculators are recommended in all advanced math classes (Algebra I and beyond) unless otherwise indicated below.

Course	Required	Recommended
Pre-algebra	TI-30XIIS	
Algebra I	Graphing Calculator	TI-83 or TI-84
Geometry	Graphing Calculator	TI-83 or TI-84
Algebra II	Graphing Calculator	TI-83 or TI-84
College Algebra	Graphing Calculator	TI-83 or TI-84
PreCalculus	Graphing Calculator	TI-83 or TI-84
Calculus	Graphing Calculator	TI-83 or TI-84
Statistics	Graphing Calculator	TI-83 or TI-84
Discrete Mathematics	Graphing Calculator	TI-83 or TI-84

Math Lab

Help with specific math problems or concepts is available to junior high and senior high students. The math lab is open in the morning from 7:35 a.m. to 8:00 a.m. and at lunch from 11:35 a.m. to 12:00 noon on three (3) out of the four (4) days determined by the rotating schedule. Students are also welcome to work on homework during this time. The exact schedule will be posted.

0010 Pre-algebra 7

This course is designed to prepare 7th grade mathematics students for Algebra I in the eighth grade. Pre-algebra 7 focuses on rational numbers, measurement, probabilities, geometry, introduction to linear functions, graphing, and other pre-algebra topics. A scientific calculator is required.

0015 HR Pre-algebra 7

This is a 7th grade math course for the mathematically advanced 7th grade students. It is designed to prepare them to take HR Algebra I in the eighth grade. This course is aligned with Ohio's Learning Standards for advanced math students. Students are placed in this course based on ability and achievement test data. A scientific calculator is required

0035 Algebra I Enrichment 8 (8th grade)

This course is required for students who demonstrated incomplete acquisition of the foundational skills that are taught in Pre-algebra 7. Eligibility is determined by grades in Pre-algebra 7, state test scores in math, and teacher recommendation. Algebra provides the structure upon which ideas in mathematics are built and developed, and a solid understanding of algebraic thinking is necessary for success in the Ottawa Hills mathematics curriculum required for graduation. Designed to supplement and be taken concurrently with Algebra I, this course is intended to provide additional support and practice essential to future achievement in mathematics.

0031 Algebra I (1 unit of high school credit, full year, 8th grade)

This course formalizes and extends the mathematics students learned in the middle grades. Students analyze and explain the process of solving linear, exponential, and quadratic equations and inequalities. They interpret and translate between various functions given graphically, numerically, symbolically, and verbally and use these functions to model phenomena.

Prerequisite: Pre-algebra 7

0020 HR Algebra I (1 unit of high school credit, full year, 8th grade)

This is an enriched, accelerated Algebra course that includes all of the topics in the regular Algebra course. Advanced topics beyond the regular Algebra course may be studied, including more specialized functions like absolute value, rational, step, and piecewise-defined.

Prerequisite: An achievement level of a "B" or above in HR Pre-algebra 7 and recommendation of the 7th grade teacher.

0041 Geometry (1 credit, full year, 9th-10th grades)

This is a course in which students deepen their logical and reasoning abilities to make formal mathematical arguments. Emphasis is made on having students provide justifications for geometric statements and related equations. Students prove theorems using a variety of formats, and solve problems about triangles, quadrilaterals, and other polygons. A variety of topics are discussed, including transformations, triangle congruence, similarity, right triangle trigonometry, circles, constructions, and three-dimensional objects.

Prerequisite: Algebra I

0030 HR Geometry (1 credit, full year, 9th-10th grades)

This is an enriched, accelerated Geometry course that includes all of the topics in the regular Geometry course. Advanced topics beyond the regular Geometry course may be studied. This course is designed to help students obtain the problem-solving skills necessary for success in subsequent mathematics courses.

Prerequisite: An achievement level of "B" or above in HR Algebra I and recommendation by Algebra I teacher.

0051 **Algebra II** (1 credit, full year, 10th-11th grades)

This course extends the concepts of Algebra I; integrates geometric concepts, polynomial functions, quadratics, matrices, probability, and binomial expansions; and extends the real number system to complex numbers. Trigonometry is also introduced. A graphing calculator is required.

Prerequisite: Geometry

0040 **HR Algebra II** (1 credit, full year, 10th-11th grades)

This is an enriched, faster-paced course that extends the concepts of HR Algebra I; integrates geometric concepts, polynomial functions, quadratics, matrices, probability, and binomial expansions; and extends the real number system to complex numbers. Trigonometry and the unit circle are also considered in this course. A graphing calculator is required.

Prerequisite: An achievement level of “B” or above in HR Geometry and recommendation by Geometry teacher.

0061 **Pre-calculus** (1 credit, full year, 11th-12th grade)

This is an integrated course of analytic geometry and trigonometry developed through deductive reasoning and problem solving. Students explore twelve basic functions through a numerical, algebraic, and graphical approach to enhance understanding of the concepts. This course is designed for students to take Calculus the subsequent year. A graphing calculator is required.

Prerequisite: College Algebra or an achievement level of “B” or above in Algebra II.

0050 **HR Pre-calculus** (1 credit, full year, 11th-12th grades)

This is an enriched, accelerated pre-calculus course and includes additional topics not discussed in the regular pre-calculus course. This course is designed for students to take Calculus the following year. A graphing calculator is required.

Prerequisite: An achievement level of “B” or above in HR Algebra II and recommendation by Algebra II teacher.

0062 **Discrete Mathematics** (1 credit, full year, 11th-12th grades)

This is a wide-ranging survey course in modern mathematics available to seniors and some juniors who have completed Algebra II. The emphasis is on the application of mathematics knowledge to solving real- world problems and to the extension of that knowledge into domains not normally addressed in the traditional secondary mathematics sequence. Topics include social choice, statistical reasoning and decision analytics, networks and management science, and symmetry and dimension.

Prerequisite: Algebra II

NEW COURSE

0581 **Calculus** (1 credit, full year, 12th grade)

This course introduces students to elements of differential and integral calculus, with the emphasis placed on problem solving applications of the techniques of calculus rather than on the deductive development of those techniques. Differential calculus involves the study of the rate of change of functions, while integral calculus studies the accumulations of rates of change. Problem situations include not only typical mathematical interests, but examples from other fields such as business and economics.

Prerequisite: Pre-calculus and recommendation of Pre-calculus teacher.

Students interested in this course are advised to have an alternative course in mind in the event that the course does not meet enrollment expectations for the 2017-218 school year.

0060 **AP Calculus AB [AP Calculus]** (1 credit, full year, 12th grade)

This course provides a study of differential and integral calculus with the emphasis on problem solving and deductive development of the concepts used. Students enrolled in this course are expected to take the Advanced Placement test. Current AP test fee is \$93. A graphing calculator is required.

Prerequisite: Recommendation of Pre-calculus teacher.

0063 **College Algebra** (1 credit, full year, 11th-12th grade)

This course is an extension of Algebra II topics with emphasis on functional analysis and introductory trigonometry. College Algebra prepares students for college PreCalculus.

Prerequisite: Algebra II

0068 **AP Statistics** (1 credit, full year, 11th-12th grade)

This is an elective course that may be taken in addition to (not in lieu of) the regular math course sequence through PreCalculus. This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. This is a full year course and students who successfully complete the course and AP exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. Students enrolled in this course are expected to take the Advanced Placement test. Current AP test fee is \$93. A graphing calculator is required.

Prerequisite: An achievement level of "C" or above in Algebra II and teacher recommendation.

MUSIC

1111 **Concert Band** (full year; 7th or 8th grades)
1112

This course is open to all students in grades 7 and 8 with at least one year of previous instrumental instruction in wind or percussion or by permission of the director. The continued development of musical proficiency and technique is stressed through an intermediate level of band literature. The Concert Band performs at several concerts throughout the school year.

\$ There is a fee associated with this course. (Students using a school-owned instrument will be assessed a \$20 instrument usage fee.)

Prerequisite: Consent of the director.

1113 **Junior High Choir** (full year or one semester; 7th or 8th grades)
1114

This performing choir class is open to all junior high students. Music literacy, beginning voice training, and performing skills are stressed. This choir performs several concerts during the school year. It is highly recommended that choir be taken as a full-year course, but it may be taken by the semester.

Prerequisite: None

1131 **Symphonic Band** (1 credit, full year; 9th - 12th grades)
1132

A performance group open to high school students. Emphasis is on the development of musicianship through performance of appropriate levels of band repertoire. Symphonic Band members are required to perform at various functions throughout the school year. These functions may include formal concerts, basketball, and football games. Students are expected to practice their instruments outside of the school day. It is expected that students will participate in summer band camp.

\$ There is a fee associated with this course. (Students using a school-owned instrument will be assessed a \$20 instrument usage fee. A uniform maintenance fee of \$20 will be assessed for Marching Band.)

Prerequisite: Concert Band; proficiency on a wind/percussion instrument and self-discipline.

1141 **HR Symphonic Band** (1 credit, full year; 10th - 12th grades)
1142

Band students in grades 10-12 may choose to enroll in band for honors credit. They will participate in the same class as the Symphonic Band, but will commit to fulfilling additional course requirements. HR Symphonic Band students will be held to higher standards of musical achievement in performance evaluations. Enrollment in HR Symphonic Band requires the director's approval.

Additional requirements may include:

- Students must perform a solo at OMEA Solo & Ensemble Adjudicated Event or other public venue
- Students must perform from an extended repertoire of scales during performance evaluations.
- Student must mentor elementary or junior high band students and provide positive leadership influences within their own band.
- Students must complete one special project during each nine-week grading period that may include, is not limited to, a written report, a music analysis, or attendance at a professional/university concert.
- Students will be encouraged to enroll in private lessons for their band instrument in order to accelerate their musical growth.

It is expected that students will participate in summer band camp.

\$ There is a fee associated with this course. (Students using a school-owned instrument will be assessed a \$20 instrument usage fee. A uniform maintenance fee of \$20 will be assessed for Marching Band.)

1160 **Concert Choir** (1/2 credit, 1 semester; 1 credit, full year recommended; 9th - 12th grades)
1165

This course is for the student interested in learning basic to advanced singing techniques, performing excellent choral music in a broad range of styles, committing to singing with artistic expression as an ensemble and becoming informed, literate musicians. The High School Concert Choir performs at several concerts throughout the year. There are also opportunities to perform at District Solo and Ensemble to earn a ranking based on the group's expertise. It is highly recommended that High School Concert Choir be taken as a full year course.

Robe cleaning fee: \$8 per student

1162 **HR Concert Choir** (1/2 credit, 1 semester; 1 credit, full year recommended; 9th - 12th grades)
1167

Students in grades 9 through 12 may enroll in HR Concert Choir to earn honors credit. They will participate fully as members of the Concert Choir, but will fulfill additional course requirements as listed below. Honors Concert Choir students are expected to be leaders in musical achievement and performance standards.

Additional requirements will include at least one of the following:

- Students may audition for and be accepted as a member of the Choraliers, demonstrating excellent behavior, complete memorization of assigned musical literature, and 95% attendance at rehearsals.
- Students may present a special project at the conclusion of each quarter that may include a written report, a mini-recital, attendance at and evaluation of a collegiate or professional concert.
- Students may take private lessons in their voice part.

1135 **Music Theory I** (1/2 credit, 1 semester, 11th - 12th grades)

This class will teach basic music theory: note reading, scale and chord construction, and rhythmic patterns leading to experiment with composition. The concepts taught in this class are useful to both vocal and instrumental music students and particularly valuable to those considering any type of career in music. It is recommended that students have a keyboard or piano to aid in practice at home.

1140 **Music Technology** (1/2 credit, 1 semester, 11th - 12th grades)

The 21st century has brought great advances in music production capabilities through the advent of computers. This course introduces students to music production techniques using current computer music software and hardware. Students will discover methods of writing music on computers, recording and sampling techniques, MIDI, electronic music methods, “remixes” and “mash-ups”, experiment with pitch correction software, and basics of film scoring. Students will indirectly discover musical form, scale construction, and other essential elements of music without formal introduction.

1170 **AP Music Theory** (1/2 credit, 1 semester, 11th - 12th grades)

This course will teach advanced concepts of music theory covered in the first two semesters of a 100-level college music theory course. Material covered includes melodic and harmonic dictation, aural skills, realization of figured bass and Roman numeral progressions, intervallic relationships and identification, common musical forms, and non-chord tones through analysis

of repertoire and composition. The end of the semester includes participation in the AP Music Theory exam.

The fee for this exam is currently \$93.

Prerequisite: Music Theory I

SCIENCE

0411 **General Science 7** (7th grade)

This course is an integrated science curriculum focusing on earth and space, physical, and life sciences around the theme of Order and Organization. The curriculum will focus on the many cycles that occur in science. The 7th grade science curriculum is patterned after the competency-based science program approved by the Ohio Department of Education and follows the National Science standards.

[\\$ There is a fee associated with this course.](#)

0425 General Science 8 (8th grade)

This course will focus on continuation of the species (life science), forces and motion within, on, and around the Earth and within the universe (physical science), and the physical features of Earth and how they formed. This includes the interior of Earth, the rock record, plate tectonics, and landforms (Earth science).

[\\$ There is a fee associated with this course.](#)

0431 Biology (1 credit, 9th grade)

Biology is an inquiry and modeling lab-oriented course with an emphasis on heredity, evolution, cells, diversity, and interdependence of life. Specific topics covered in the course include the scientific process, classification, evolution, energy, cell structure and function, viruses, bacteria, photosynthesis, cellular respiration, DNA and RNA, genetics, and ecology. This class includes a lunch lab that meets 1 time every schedule rotation.

[\\$ There is a fee associated with this course.](#)

0430 HR Biology (1 credit, 9th grade)

Honors Biology is an inquiry and modeling lab-oriented course with an emphasis on heredity, evolution, cells, and diversity and interdependence of life. Specific topics covered in the course include the scientific process, classification, evolution, energy, cell structure and function, viruses, bacteria, photosynthesis, cellular respiration, DNA and RNA, DNA technology, genetics, and ecology. In Honors Biology, students are expected to complete extensive projects that emphasize the scientific research process while collecting multiple data points over extended periods of time. This class will also include an early bird lab that meets 1 time every schedule rotation.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Teacher recommendation

0480 AP Biology (1 credit, 10th - 12th grades)

Advanced Placement Biology is a class designed to bring college level Biology to high school students in grades 10 through 12. The course is centered on the four “Big Ideas” of Biology as described by The College Board. The main content of these four “Big Ideas” are evolution, cells, genetics, and ecology. This is lab-intensive course that includes many inquiry and modeling based labs with extensive lab reports that emphasize scientific skills and practices. There will also be online activities and virtual labs completed in this course. Students enrolled in this course are expected to take the AP Biology exam. Current AP test fee is \$93.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Teacher recommendation, Algebra I, and Chemistry (can be taken concurrently with Chemistry)

0442 Zoology (1/2 credit, first semester, 10th - 12th grades)

This course is a continuation of the concepts learned in biology and specifically focuses on the study of animals including their structure, classification, adaptations, evolution, and behavior. The first quarter examines invertebrates including sponges, jellyfish, worms, molluscs and arthropods. The second quarter examines vertebrates including amphibians, reptiles, birds, and mammals. This class includes several animal dissections and hands-on activities/labs.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Biology

0443 **Botany** (1/2 credit, second semester, 10th - 12th grades)

This course is a continuation of the concepts learned in biology and specifically focuses on the study of plants including their structure, classification, adaptations, evolution, and their relationships with animals. The first quarter examines the various roles plants have in ecosystems, and the specialized organs of plants including leaves, roots, and flowers. The second quarter examines plant classification and explores the major plant divisions from mosses to flowering plants. Several hands-on activities and labs will be included with each unit.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Biology

0451 **Physiology and Anatomy** (1 credit, 11th - 12th grades)

This course focuses on a detailed study of the structure and function of the human body. Lab activities will accompany all areas of study and include use of clay mannequins, microscopic examination of tissues, and several dissections (e.g. sheep brain, sheep heart, mink). The dissection of the mink will occur over several months and will include all the major body systems. This course is designed for students who wish to increase their knowledge of life sciences, and those who intend to pursue a career in the medical field, pharmacy, veterinary medicine, physical therapy or zoology. However, this is a practical and beneficial course for any person wishing to learn about the human body.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Biology; Chemistry would be helpful.

0450 **HR Physiology and Anatomy** (1 credit, 11th - 12th grades)

Students registered for this course will cover the topics listed in the regular Physiology and Anatomy course. However, they will be required to extend and broaden the course expectations through more detailed understanding of the biochemistry and physiological processes of the body; expanded memorization of the muscle groups, bones, and organ systems; and a greater understanding of diseases and disorders of the body. Student must have the prerequisites of chemistry and biology to participate in honors level work.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Biology and Chemistry

0452 **Chemistry** (1 credit, 10th - 12th grades)

Chemistry is the study of the structure of everything in the universe and the energy which produces changes in those structures. Topics in chemistry include states of matter, gas law relationships, chemical reactions, stoichiometry, and more. Students will be involved in numerous laboratory investigations, will learn proper lab technique, and how to safely operate various lab equipment.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Must be taking Algebra II concurrently or have already taken Algebra II.

0440 **HR Chemistry** (1 credit, 10th - 12th grades)

Chemistry is the study of the structure of everything in the universe and the energy which produces changes in those structures. Students will be involved in numerous laboratory investigations, will learn proper lab technique, and how to safely operate various lab equipment. This honors course is similar to regular Chemistry but is faster-paced, and explores chemistry concepts in greater depth.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Must be taking Algebra II concurrently or have already taken Algebra II and teacher recommendation.

0470 **AP Chemistry** (1-1/2 credits, 11th - 12th grades)

The AP Chemistry course is a second year of chemistry equivalent to one year of general college chemistry. This course emphasizes chemical calculations and college level laboratory work. A wide range of topics are covered in depth including structure of matter, kinetics, and thermodynamics. Success in this course requires a strong mathematics background. Students enrolled in this course are expected to take the AP Chemistry exam. Current AP test fee is \$93.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Completion of Algebra II, one year of Chemistry, and teacher recommendation.

0453 **General Physical Science** (1 credit, 11th - 12th grades)

This is a basic lab-oriented physical science course covering selected topics in chemistry and physics.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Teacher recommendation. Students with credit for Chemistry are not eligible for this course.

0461 **Physics** (1 credit, 12th grade)

This course provides an introductory exposure to the formal study of patterns in the physical world. Through careful observation, we are often able to see relationships in nature that we can model with equations, which can then be manipulated mathematically and combined with experimentation to further our understanding. Topics include kinematics, dynamics, energy, momentum, acoustics, optics, and electricity.

[\\$ There is a fee associated with this course.](#)

Prerequisites: Algebra II, Chemistry, and recommendation of the Chemistry teacher. Previous or concurrent enrollment in Pre-calculus is strongly recommended.

0468 **HR Physics** (1.5 credits, 2 class periods, 12th grade)

This course provides both a more rigorous and comprehensive exposure to physics than does the regular physics offering, including additional units on thermodynamics, magnetism and modern physics. Meeting for a two-period block, this course is intended to provide a strong foundation for further study in the field, and is directed at students considering careers in engineering, medicine, and the sciences. With an emphasis on the application of physics knowledge to problem solving, students develop an understanding of the connections to other science disciplines and an appreciation for the physical world.

[\\$ There is a fee associated with this course.](#)

Prerequisites: Pre-calculus or HR Pre-calculus, Chemistry or HR Chemistry, and recommendation of the Chemistry teachers. Previous or concurrent enrollment in AP Calculus is strongly encouraged.

0420 **AP Physics 1** (2-1/2 credits, 2 class periods plus Early-Bird Labs, 12th grade)

AP Physics 1 meets for a two-period block plus Early-Bird Labs and is taken concurrently with HR Physics. This course is designed to prepare students for the content found on the AP Physics 1 exam. Additional labs, problems, and all topics from the AP Curriculum are included. Students are expected to take the exam in May, and successful completion (earning a 3 or above) may earn credit, advanced placement, or both at colleges and universities. Ideally suited for students wishing additional preparation in physics for engineering and science degrees, the class must be taken concurrently with Honors Physics, and meets during the Early Bird before-school lab period. Students enrolled in this course are expected to take the AP Physics 1 exam. Current AP test fee is \$93.

[\\$ There is a fee associated with this course.](#)

Prerequisite: Teacher recommendation

SOCIAL STUDIES

0510 **Ancient World History** (7th Grade)

World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age

The seventh grade year is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today. Students will continue to expand their abilities in social studies skills and methods, including research, data analysis, and in-class presentations.

0520 **Early American History** (8th grade)

U.S. Studies from 1492 to 1877: Exploration through Reconstruction

The eighth grade year is the study of European exploration and the early years of the United States. This study incorporates all four social studies strands into a chronological view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors. Students will continue to expand their abilities in social studies skills and methods, including research, data analysis, and in-class presentations.

0531 **Modern World History** (1 credit, 9th grade)

This required 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. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Growth in social studies skills will be emphasized through research, data analysis, and in-class presentations.

0530 **HR Modern World History** (1 credit, 9th grade)

This required 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. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Growth in social studies skills will be emphasized through research, data analysis, and in-class presentations. The honors level of this course requires additional readings and document analysis. Tests and assignments will reflect this more demanding approach, as students work with high expectations. There will also be an additional project each quarter for honors students.

Prerequisite: "A" in previous social studies course or Social Studies teacher recommendation.

0551 Modern American History: 1877 Through the Present (1 credit, 10th grade)

Honors Modern American History is a state required course built upon the Ohio Department of Education's model curriculum. By studying the founding documents of American democracy and history from 1877 to the present, students will focus on domestic and foreign policy issues, including but limited to the settling of the Western frontier, Industrialization and Immigration to the United States, the Progressive reform movement, America's empire building and involvement in international wars, the Great Depression and growth of government involvement in Americans' lives, the Cold War, the Civil Rights Movement, the Korean and Vietnam Wars, and the late 20th century. Historical thinking skills introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will experience research, data analysis, written and oral analysis, and individual and group projects as they apply their knowledge and expand their skills. Honors Modern American History is a state required course built upon the Ohio Department of Education's model curriculum. By studying the founding documents of American democracy and history from 1877 to the present, students will focus on domestic and foreign policy issues, including but limited to the settling of the Western frontier, Industrialization and Immigration to the United States, the Progressive reform movement, America's empire building and involvement in international wars, the Great Depression and growth of government involvement in Americans' lives, the Cold War, the Civil Rights Movement, the Korean and Vietnam Wars, and the late 20th century. Historical thinking skills introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will experience research, data analysis, written and oral analysis, and individual and group projects as they apply their knowledge and expand their skills. Students will take a state-mandated comprehensive end-of-course exam.

Prerequisite: "A" in previous social studies course or Social Studies teacher recommendation.

0550 HR Modern American History: 1877 Through the Present (1 credit, 10th grade)

This required course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will experience research, data analysis, written and oral analysis, and individual and group projects as they apply their knowledge and expand their skills. The honors level of this course requires additional readings and document analysis. Tests will reflect this more demanding approach, as students work with high expectations. Summer reading and writing required. Students will take a state-mandated comprehensive end-of-course exam.

Prerequisite: "A" in previous social studies course or Social Studies teacher recommendation.

0553 Economics (1/2 credit, 1 semester, 11th - 12th grades)

This elective survey course provides a general introduction to the U.S. and world economies. Topics include: comparative economics; public economic policy; supply and demand; economic cycles and their causes; the effects of globalization of trade, specialization, and independence on standards of living and economic growth; fiscal and regulatory policies; and personal financial management. Students in this class will be required to use data analysis, demonstrate written comprehension and research (including a research paper or presentations), and experience role-playing applications. This course satisfies the Ohio financial literacy requirement of the Ohio Core. Additional expense may include one supplemental text at an approximate cost: \$15

0555 Global Issues (1/2 credit, 1 semester, 11th - 12th grades)

This elective course provides an overview of global interactions affected by dynamics that include: competing beliefs and goals; methods of engagement; and conflict and cooperation. Political, economic, social, historic and geographic components of contemporary issues will be studied. Topics may include, but are not limited to the following: human rights, terrorism, genocide, environmental challenge, immigration, trade globalization, gender issues, war, peace, and international organizations. Awareness of current international events is emphasized. Students in this class will be required to use data analysis, demonstrate written comprehension and research (including a research paper or presentations), and experience role-playing applications.

0561 US Government and Politics [American Government] (1 credit, 1 year, 11th grade)

This required survey course provides a general introduction to American government, and how the American people govern themselves at national, state and local levels. Topics will include, but are not limited to, the following: why people institute governments and how they influence them; how governments interact with each other; the evolution of the U.S. Constitution, its philosophical foundations, amendments, and Supreme Court decisions; how the State of Ohio acts within the framework of the U.S. Constitution and extends powers and functions to local governments; how power is acquired and employed; governmental change, including political action, social protest, and revolution; the nature and balancing of individual rights for the common good; issues facing the American democracy in the world today; citizen participation in the American election process; and citizen action as a strength in the American democracy. Students in this class will be required to use data analysis, prove written comprehension, utilize primary sources, and practice role-playing skills. Students will take a state-mandated comprehensive End-of-Course Exam.

0560 AP US Government and Politics [AP American Government] (1 credit, 1 year, 11th grade)

This course provides an in-depth examination of the political institutions and processes of American government. At the conclusion of this class, the student will be expected to take the Advanced Placement examination for AP United States Government and Politics. The course will do the following: explain why people institute governments, how they influence governments, and how governments interact with each other; analyze the evolution of the Constitution through post-Reconstruction amendments and Supreme Court decisions; analyze the difference among various forms of governments to determine how power is acquired and used; analyze ways people achieve governmental change, including political action, social protest, and revolution; explain how individual rights are relative, not absolute; describe the balance between individual rights, the rights of others, and the common good; evaluate, take, and defend positions about issues concerning the alignment of the characteristics of American democracy with realities in the United States today; explain how the U.S. Constitution has developed including its philosophical foundations, amendments, and court interpretations; analyze how citizens participate in the election process in the United States; evaluate various means for citizens to take action on a particular issue; and explain how the exercise of citizens' rights and responsibilities helps strengthen a democracy. Students in this class will be required to use data analysis, prove written comprehension, utilize research materials, and practice role-playing skills. Summer reading and writing will be required. Students will take a state-mandated comprehensive end-of-course exam. Additional expenses may include supplemental texts and workbooks. The cost of the AP exam is currently \$93.

Prerequisite: "A" in previous social studies Course or Social Studies teacher's recommendation.

0562 Sociology (1/2 credit, 1 semester, 11th - 12th grades)

This elective survey course provides a general introduction to sociology. Topics will include, but are not limited to, the following: research methods, culture, socialization, social structure and society, societal stratification, inequalities of race and ethnicity, inequalities of gender and age, and deviance. Students will be required to develop and maintain a blog throughout the course of the semester in order to demonstrate understanding of vocabulary/concepts and apply them to relevant real life examples. This course is offered in odd years (i.e., 2017-2018, 2019-2020, and 2021-2022).

0564 Psychology (1/2 credit, 1 semester, 11th - 12th grades)

This elective course will be an overview of the behavior and mental processes of human beings. Topics will include: introduction to psychology, the life span, the workings of body and mind, current brain research, learning and cognition, personality, and psychological disorders. The topics will be examined by utilizing critical thinking, problem solving, and primary sources. Because of the nature of the class, student work will include presentations and projects. This course is offered in even years (i.e. 2018-2019, 2020-2021, 2022-2023).

0580 AP United States History (1 credit, 1 year, 11th & 12th grades)

This elective Advanced Placement course and the accompanying AP examination in United States History are considered the equivalent to a college introductory course in American history. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. In addition to a chronological coverage of the facts of our history, students will also experience the economic, cultural, intellectual, and social history of our nation, in addition to political-constitutional and diplomatic history. The student will experience practice in analysis of historical evidence and its interpretation and in the expression of historical understanding in writing. At the conclusion of this class, the student will be expected to take the Advanced Placement examination for AP United States History. This course is offered in odd years (i.e., 2017-2018, 2019-2020, and 2021-2022). Summer reading and writing is required. Additional expenses may include supplemental texts and workbooks. The cost of the AP exam is currently \$93.

Prerequisite: "A" in previous social studies course or Social Studies teacher recommendation.

0590 AP European History (1 credit, 1 year, 11th & 12th grades)

This elective Advanced Placement course and the accompanying examination in European History are considered the equivalent to a college introductory course in European history. This study of European history from 1450 to the present introduces students to the cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live today. The students will develop a context for understanding contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of forms of artistic expression and intellectual discourse. The student will experience the principle themes in modern European history, the analysis of historical evidence and its interpretation, and will practice the expression of historical understanding in writing. At the conclusion of this class, the student will be expected to take the Advanced Placement examination for AP European History. This course is offered in even years (i.e., 2016- 2017, 2018-2019, and 2020-2021). Summer reading and writing will be required.

Additional expenses may include supplemental texts and workbooks. The cost of the AP exam is currently \$93.

Prerequisite: "A" in previous social studies class(es) and teacher recommendation.

WORLD LANGUAGES

0311 **Communicating in French & Spanish (7th grade; no high school credit - 1 semester)**

This semester course consists of one quarter of French and one quarter of Spanish. Emphasis will be on communicating in the world language through communication-oriented participation activities. Adjustments will be made to the curriculum based on the students' experiences in the elementary world language program.

No prerequisite.

0321 **French I (1 unit of high school credit, 8th - 12th grades)**

This first level college preparatory program emphasizes communication in French. Students develop listening, speaking, reading and writing skills by using French to accomplish simple communicative tasks beginning the first week of school. Vocabulary and grammar are presented within a context that enables students to communicate in a meaningful way. Cultural differences between the United States, France, and other francophone countries are explored throughout the year. Music, video, and Internet resources enhance the learning experience. A workbook is required, and students are required to complete one language laboratory assignment per two lessons, or approximately one period every two weeks

\$ There is a fee associated with this course.

0331 **French II (1 credit, 9th - 12th grades)**

After having developed basic oral and listening skills, the student is now ready to cover more advanced grammar and conversation skills in French II. Each lesson uses a contemporary vocabulary as its basis and is proficiency oriented. All simple verb tenses are studied in this course, providing a transition from an elementary knowledge to the more advanced work done in French III. The course is supplemented by multimedia activities. A workbook is required, and students are required to complete one language laboratory assignment per two lessons, or approximately one period every two weeks.

\$ There is a fee associated with this course.

Prerequisite: French I

0341 **HR French III (1 credit, 10th -12th grades)**

This course continues to build the foundation needed to be proficient in French. Class is taught primarily in French. Students broaden their vocabulary base and master advanced grammatical structures that are presented within contexts that are relevant to their lives. This relevance encourages students to express themselves in both speaking and writing on a variety of topics. Cultural differences between the United States, France and other francophone cultures are explored throughout the year through authentic texts including literature, articles, music, and video. Students will be required to complete various language laboratory assignments throughout the year, or approximately one assignment every three weeks.

Prerequisite: French II

0351 HR French IV (1 credit, 11th - 12th grades)

This course builds a bridge between the foundation established in the first three years and the advanced language skills necessary to communicate fluently in French. The class is taught almost exclusively in French in order to provide students with an immersion experience. Students learn advanced vocabulary and grammatical structures within a context to help them better express themselves on a broad range of topics that are relevant to their lives. To assist with the transition to AP French, students begin to delve into the AP themes (see French V). Students continue to explore French and francophone culture through a variety of authentic texts including literature, articles, music, and video. Students are required to complete at least one language lab assignment per chapter.

Prerequisite: HR French III

0361 AP French Language and Culture [AP French V] (1 credit, 12th grade)

This course is designed to prepare students for the Advanced Placement French Language and Culture Exam by encouraging them to explore the world around them in French. The class is conducted entirely in French in order to provide an immersion experience for students. During the course of the year, we will address the following themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities and Beauty and Aesthetics. A special effort is made to make the class relevant to the students and to give them opportunities to explore their own interests. The students will discover authentic texts and materials from France and other francophone countries including literary classics, contemporary fiction, current articles, film, and music. Students will continue to build their vocabulary base and to refine their reading, writing, speaking, and listening skills throughout the year. Students will be required to complete language lab assignments on a regular basis. We will also visit the lab as a class to complete AP speaking activities. Supplemental reading materials and workbooks required, additional supplementary reading material purchase may also be recommended, and the current cost of the Advanced Placement Test is \$93 for students who elect to take it.

[\\$ There is a fee associated with this course.](#)

Prerequisite: HR French IV

0322 Spanish I (1 unit of high school credit, 8th - 12th grades)

This first level college preparatory program stresses the listening and speaking skills of the language without neglecting the presentation of grammatical and syntactical structures. Everyday subjects are used for conversations. Fundamentals of Spanish grammar are covered. All rules of pronunciation and simple construction patterns, together with a wide vocabulary, are stressed. The course is supplemented by multimedia and other activities. This must be the first course in the college preparatory world language sequence for Spanish. Workbook purchase required and dictionary suggested, and students are required to complete one language laboratory assignment per chapter, or approximately one period per two weeks.

[\\$ There is a fee associated with this course.](#)

0332 Spanish II (1 credit, 9th - 12th grades)

This course is a review of all grammatical expressions and patterns learned in Spanish I. Emphasis is placed on idiomatic expressions, vocabulary building, and the more advanced grammatical structures. An emphasis is placed on the verb conjugation in various tenses. Longer writing assignments are given. Reading and writing play a greater part at this level and are reinforced by daily assignments. The course is supplemented with some multimedia and other activities. Students are required to complete two language laboratory assignments per chapter.

Prerequisite: Spanish I

0342 HR Spanish III (1 credit, 10th - 12th grades)

This course enables students to incorporate and synthesize what they have previously learned and develop proficiency in the Spanish language. Students will be introduced to some Hispanic literature, art, history, and culture. They will learn verb tenses and more advanced grammatical concepts. They will also continue to develop reading and writing skills. The course is supplemented with multimedia and other activities. A dictionary is required, and students are required to complete one language laboratory per week.

Prerequisite: Spanish II

0352 HR Spanish IV (1 credit, 11th - 12th grades)

The focus of this course is to work toward developing proficiency in the essential points of grammar previously studied and includes a variety of activities, readings, and videos designed to stimulate conversation. The approach is thematic and includes selections that offer insight into Hispanic history, literature, fine arts, and culture. A major goal of the course is the amplification of speaking and writing skills. Reading material, workbook purchase, and a dictionary are required. Students are required to complete two language laboratory assignments per chapter.

\$ There is a fee associated with this course. (Purchased materials used in Spanish IV and V) Language

Prerequisite: HR Spanish III

0362 AP Spanish Language [AP Spanish V] (1 credit, 12th grade)

This course is designed to help students continue to develop and demonstrate their knowledge and mastery of Spanish through a variety of listening, speaking, reading, and writing exercises. Topics are assigned in order to reinforce the writing of well-organized compositions. Readings are also assigned from original literature selections from Spanish and South American writers. Students will engage in real-life conversations. Special work will be provided to help the student prepare for the SAT Subject Test in Spanish and the Advanced Placement exam. Fifth year world language students will be encouraged to take the Advanced Placement (AP) Test in Spanish Language and the SAT Subject Test in Spanish. The Advanced Placement Test fee is currently \$93 for students who elect to take it. All students will be required to complete one language laboratory assignment per chapter.

Prerequisite: HR Spanish IV

0323 Chinese I (1 credit, 9th - 12th grades)

This course is an introduction to Mandarin Chinese including basic grammar, oral and written expression, and listening comprehension. Emphasis will be on dialogue and the introduction of basic simplified and standard Mandarin Chinese characters. Students will be required to complete language laboratory assignments.

0333 Chinese II (1 credit, 10 - 12th grades)

This course will take the students to a more advanced level of Mandarin Chinese with more emphasis on grammar, oral and written expression, and listening comprehension. Dialogue is stressed as students expand their recognition of simplified and standard Chinese characters. Students will be required to complete language laboratory assignments.

Prerequisite: Chinese I

0343 Chinese III (1 credit, 11 - 12th grades)

This course will continue with the advanced level of Mandarin Chinese in the areas of grammar, oral and written expression, and listening comprehension. There will be more emphasis on reading as students continue with dialogue and recognition of simplified and standard Chinese characters. Students will be required to complete language laboratory assignments.

Prerequisite: Chinese II

