

Ontario High School 2019-2020



Course Offering Guide

The Ontario High School counselors, faculty, and administration have prepared this course offering booklet to provide you with the necessary information to guide your course selections throughout your secondary career. Selecting your courses is one of the most important decisions you will make in high school, and these decisions will help determine your educational path. Please read the course offering booklet, paying careful attention to sections explaining graduation and college requirements, course prerequisites, programs of study, and career planning.

Please share this booklet with your parents or guardians and ask them to assist in planning your future. You should consider their advice, as well as the advice of your counselors, teachers, and building administrators. You will be given opportunities to consult with school personnel to discuss the academic choices that will best meet your needs and interests while helping you achieve your long-term goals.

Be prepared to make your course selections when you meet with your counselor. Your counselor will look at your course selections and academic history to make sure the choices are appropriate. If you have any questions, please ask a staff member. Plan carefully, work diligently, and have a great school year.

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High School Principal

Ontario High School

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Academic Planning

Graduation Requirements

English Language Arts	4 units
Health	½ unit
Mathematics	4 units
Physical Education	½ unit*
Science	3 units
Social Studies	3 units
Electives	5 units
Other Requirements	
Economics	½ unit
Fine Arts	1 unit
Total	21 ½ units

Required Courses by Grade

Grade 9

ELA 1	1 credit
Science	1 credit
Math	1 credit
Health	½ credit
Physical Education	¼ credit*
World History	1 credit
Electives possible	3 credits

Grade 10

ELA 2	1 credit
Science	1 credit
American History	1 credit
Math	1 credit
Physical Education	¼ credit*
Electives possible	3 ½ credits

Grade 11

ELA 3 or 4	1 credit
Science	1 credit
American Government	1 credit
Math	1 credit
Electives possible	5 credits

Grade 12

ELA 3 or 4	1 credit
Math	1 credit
Electives possible	5 credits

Required Electives for Graduation

Economics	½ credit
Fine Arts	1 credit

These specific requirements are further explained in the following statements:

Mathematics – must include one unit of Algebra 2 or the equivalent of Algebra 2 (Transitional Math).

Science – must include one unit of physical science, one unit of life science, and one unit advanced study in one or more of the following sciences: chemistry, physics, or other physical science, advanced biology or other life science, such as astronomy, physical geology, or other earth or space science.

Social Studies – three units of Social Studies, excluding economics.

***Physical Education** – The Ohio Core allows school districts to adopt a policy that would exempt students who participate in interscholastic athletics, band or cheerleading for two full seasons from the physical education requirement. Students must take another course of at least 60 contact hours in its place. A physical education waiver application must be completed and approved through the Guidance Office.

Economics – All students must receive instruction in economics and financial literacy during grades 9-12.

Electives – Five elective units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, or English language arts, mathematics, science, social studies courses not otherwise required. Physical education or additional health courses may not be used to meet the five units of electives requirement.

Fine Arts – Students must complete at least two semesters of fine arts (or the equivalent) taken any time in grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement. Fine arts courses include: art, ceramics, drawing and painting, marching band, jazz band, show choir, concert choir, digital imaging, and illustrations and laser design.

Career Advising & Planning Calendar

FRESHMEN

- OhioMeansJobs.com – online career and interest assessment is utilized through English class
- Students may create and utilize their own personal career portfolio throughout high school
- Career interest/research project in English class

SOPHOMORES

- Take PSAT test
- Investigate possible careers
- Define an educational path
- Educational paths include: vocational, Tech-Prep, 2-year college, 4-year college, military
- Pioneer Career and Technology Center tour
- OhioMeansJobs.com – online career assessment is utilized through American History class with career coach

JUNIORS

- Review college information – OhioMeansJobs.com
- PSAT available in October; sign up in September
- Explore colleges and use visitation days
- Talk to visiting college representatives (September through November)
- Prepare for taking the ACT test by utilizing the resources, including practice tests
- ACT/SAT prep is available online for free at OhioMeansJobs.com for K – 12 students.
- Take ACT two times during the year
- Review your ACT score and re-take in senior year
- Review college websites and check minimum ACT scores for admissions
- Junior Interview regarding career planning with career coach and/or guidance counselor

SENIORS

Fall

- Apply to colleges and universities via on-line application process
- Prime time for ACT/SAT testing; registration deadline is early September
- Senior Interviews

September

- Create FAFSA ID (Free Application for Federal Student Aid) and submit online

October

- File FAFSA as soon as possible after October 1
- Attend a financial aid workshop
- Time to apply for financial aid
- College Financial Aid Application
- College may require either one or all forms

November

- Deadline for some out-of-state colleges and for early admission candidates
- See Armed Service recruiters for delayed enlistment opportunities and sign up to take ASVAB

December

- Deadline for many college programs, majors, and scholarship consideration is December 1
- Check the website of the college of your choice for specific deadlines

April

- Financial deadlines occur depending on school

May

- Make decision on where you will attend
- Tell all colleges that have accepted you whether you will attend or not
- Exit Interviews

June

- Request a final transcript be sent from the Guidance Office to the school you will attend
- Request transcript for any dual credit courses taken from the college from which they were offered

Transcript Requests

Please notify the Guidance Office in writing of any transcripts needed. Include the address(es) for which the transcripts are to be sent.

Course Scheduling

February/March

- Counselors will meet with students to explain the scheduling process.
- Students should review graduation requirements, career goals, and college core classes to prepare schedules.
- Please be mindful that college admissions counselors and future employers will look at the strength of your core course selection, grade point average, class rank, and standardized test scores.
- Register for classes for the following year.
- Freshmen and sophomore students must select at least seven academic credits per semester.
- Junior and senior students must select at least six academic credits per semester.

- Four-Year Educational Plan is a tool to assist students in long term course planning (found on the following page).
- Students must return the registration form with parent signature to the Guidance Office.

May

- Schedules are tentatively set in May.
- Student/parents may make schedule changes prior to summer vacation.

August

- The dates to pick up schedules will be posted on our website and in the local newspaper.
- Students having questions or needing to make adjustments to their schedules are expected to talk to their counselor prior to the start of school.
- Office hours are from 7:00am to 3:00pm

Master Schedule

After students have filled out their individual course requests, the administration makes the master schedule and assigns the number of classes and teachers.

Final decisions on course availability depend on the enrollment figures gathered from the individual course requests.

For the administration to plan adequately for the next year, students must think and plan carefully in this initial stage of the scheduling process.

Every effort will be made to limit the number of study halls assigned to a student.

Guidance Department Four-Year Educational Plan

Attention: This educational plan gives you and your parents an opportunity to focus on the many courses that are available to you. This is a FLEXIBLE plan and MAY be changed from year to year.

Name: _____ Career Goal: _____

Date: _____ Graduation Date: _____

Type of Diploma Being Pursued: Regular/Honors (Please Circle One)

9th Grade

Required Course	Course Choice	Credit
ELA 1		1
Science		1
Mathematics		1
World History		1
Health		.5
Physical Ed.		.25
Electives		
Total		

10th Grade

Required Course	Course Choice	Credit
ELA 2		1
Science		1
Mathematics		1
American History		1
Physical Ed.		.25
Electives		
Total		

11th Grade

Required Course	Course Choice	Credit
English		1
Science		1
Mathematics		1
Am. Government		1
Electives		
Total		

12th Grade

Required Course	Course Choice	Credit
English		1
Mathematics		1
Electives		
Total		

Additional courses to include in the four year plan include:

Fine Arts - 1 credit

Economics - ½ credit

Schedule Changes

- Students will have an opportunity to make any adjustments in their schedules prior to summer vacation.
- Students having questions or needing to make adjustments to their schedules are expected to talk to their counselor prior to the start of school.
- Schedule changes required because of course failures will be made by the guidance counselor as soon as final grades are known.
- Information about counselors' availability in August and schedule pick-up will be posted on our website and in the local newspaper.
- Once school is in session, students are expected to follow their schedule until they meet in conference with their counselor.
- Drop/Add to schedule for an all-year course must take place within the first 10 school days. Students dropping a course after this time will fail the course.
- Drop/Add to schedule for a semester course must take place within the first 5 school days. Students dropping a course after this time will fail the course.

Unpaid Obligations

All fees, charges, and other school fines must be paid according to policy and state law. Grade cards are withheld in the event of unpaid obligations. Seniors must meet all financial obligations in order to participate in commencement, receive a diploma, or have final transcripts issued.

Allowable Schedule Changes

- Schedule conflicts/errors.
- Educational reasons such as credit deficiencies or required courses needed.
- Uneven balance of semester courses or study halls; for example, two study halls one semester, none the next semester.
- Changes due to completion of pre-approved summer school courses.
- Changes that are in the long-range academic best interest of students will be considered with a consultation among student, parent, teacher, counselor and/or principal.
- **To be fair and consistent with all students, we are sorry that we cannot entertain preferential requests for class periods and teachers.**

Success

Learning is a treasure that will follow its owner everywhere.

“The best way to predict your future is to create it.”

~Abraham Lincoln

Pathways to Graduation

In addition to course credits, students must meet one of the following 1) earn a cumulative passing score of 18 on Ohio's State Tests (end of course exams), 2) earn 12 points through a State Board of Education approved, industry-recognized credential and achieve a workforce readiness score on the WorkKeys assessment, or earn a remediation free score on a nationally recognized college admission exam.

End of Course Exams

Students will earn points toward graduation on seven end-of-course exams.

The courses in which students will take an end-of-course exam will be:

- ELA I and II (English Language Arts)
- Algebra I
- Geometry
- Biology
- American History
- American Government

Students can earn from 1-5 points for each exam, based on their performance.

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

If a student reaches 18 graduation points overall, he or she becomes eligible for a diploma. Of these overall points, a student must earn at least:

- four points between the Math exams
- four points between the English exams
- six points between the Science and Social Studies exams

College and Career Readiness Test

Students earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take either the **ACT** or **SAT** free of charge. The student's district selection applies to all schools in the district for one school year. Test selection may change from one school year to the next. ACT test remediation-free tests are scores are set by Ohio's university presidents and are subject to change. The current remediation-free ACT test scores are 18 for English language, with a reading subscore of 22, and 22 for mathematics. SAT remediation-free scores are 430 for English language arts, with a reading subscore of 450, and 520 for mathematics.

Credit Recovery

Opportunities are available to repeat a course or pass a course previously not passed. In the event a student does not pass a core subject needed for graduation, underclass students can repeat the course during the next school year. Other options may include coursework completed through credit recovery and courses completed through the Credit Flexibility Option. Any questions, please see your guidance counselor.

Course Credit

Successful completion of **full-year course**:

- pass at least one of the last two grading periods and the final exam
- or both grading periods, if the exam is not passed
- maintain the minimum of 60% average over the course of four quarters

Successful completion of **semester course**:

- pass one of the two nine week grading periods and the final exam
- or pass both grading periods if the exam is not passed
- maintain the minimum of 60% average over the course of two quarters

Minimum Ohio College Core Curriculum

English	4 credits
Math	4 credits
Science	3 credits
Social Studies	3 credits
Foreign Language	2 or 3 credits
Arts	1 credit

Math – through Algebra 2 and/or the equivalent

Science – through Chemistry 1

Students seeking information about core requirements for out-of-state colleges should visit those colleges online.

Credit Flexibility

The Board of Education recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student need, and the use of multiple measures of learning.

Credit flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology, and demographics, and to meet the demand for 21st century skills.

The deadline for students to take advantage of credit flexibility is May 1 for first semester and December 1 for second semester. Parents and students are encouraged to review the information in the Guidance Office and make an appointment to speak with a counselor.

Honor Rolls

Highest Honors 4.0 and above

Honor Roll 3.5 – 3.99

Merit Roll 3.0-3.49

Grading Scale

Mark	Point Value	Percent Range
A	4.0	93-100
A-	3.67	90-92.99
B+	3.33	87-89.99
B	3.0	83-86.99
B-	2.67	80-82.99
C+	2.33	77-79.99
C	2.0	73-76.99
C-	1.67	70-72.99
D+	1.33	67-69.99
D	1.0	63-66.99
D-	0.67	60-62.99
F	0	0-59.99

If a student fails a course, the F is recorded on the student’s permanent transcript and is figured into the GPA, with no credit earned. If the student retakes the course for credit recovery, that grade is added to the transcript, and the credit and grade are figured into the GPA. Students who choose to retake a course for a better grade will only receive credit for the retaken course.

Attendance

The student has the responsibility for making up any classroom time missed over the allotted ten absences per semester course or twenty absences per year-long course. Methods of make-up must be cleared through the counselor’s office and with the classroom teacher. A student may make up hours in Friday School if cleared by the Guidance Office. In most cases, tutoring from a certified instructor at the expense of the student will be required.

College Credit Plus (CCP)

Originally, as part of Senate Bill 140, the Post-Secondary Enrollment Option was made available to eligible juniors and seniors. House Bill 215 and 487 amended the program to include qualified students in grades 7 through 12. (Eligibility is determined by the individual universities or post-high school institutions.) Eligible students may incorporate into their existing schedules college courses for high school credit and/or for college credit.

All current students and their parents will be notified by the principal regarding the College Credit Plus Program for the current school year. Included in this notification will be the time, date and place of a required meeting of all students and their parents interested in participating in College Credit Plus. Parents must attend the meeting to learn the various parameters of the program. Each student's intent to participate in College Credit Plus must be in writing and on file in the Guidance Office by April 1 for the year preceding enrollment in college classes.

This program is intended to offer expanded educational opportunities for qualifying high school students at the college or university level.

Students are encouraged to make contact with colleges and universities to attain the transferable status of credits earned through the College Credit Plus Program. Please contact colleges/universities directly or visit the website www.transferology.com

Weighted Grading Scale

(AP, CCP & Honors Courses only)

Mark	Point Value	Percent Range
A	5.0	93-100
A-	4.59	90-92.99
B+	4.16	87-89.99
B	3.75	83-86.99
B-	3.34	80-82.99
C+	2.91	77-79.99
C	2.50	73-76.99
C-	2.09	70-72.99
D+	1.66	67-69.99
D	1.25	63-66.99
D-	0.84	60-62.99
F	0	0-59.99

College Credit Plus Pathways

15 Credit Hour Pathway

ENGL 1010	English Composition 1	3
PSYCH 1010	Intro to Psychology	3
SOCY 1010	Introduction to Sociology	3
MATH 1150	Calculus I	5
PHYSICS 1110	Physics	4

30 Credit Hour Pathway

ENGL 1010	English Composition I	3
ENGL 1030	English Composition II	3
PSYCH 1010	Intro to Psychology	3
SOCY 1010	Introduction to Sociology	3
MATH 1150	Calculus I	5
MATH 1151	Calculus II	5
BIOL 201&201L	Intro to Anatomy & Physiology	4
PHYSICS 1110	Physics	4

2019-20 Weighted Course Requirements

College Credit Plus (CCP) Requirements/Courses

- 3.5 Cumulative G.P.A. recommended
- Remediation free score on a standardized test (Ex. Accuplacer/ACT/SAT) for CCP courses
- Good Attendance/Discipline Records
- Students will have the option to take the AP Exam at their own expense (\$100.00 estimate)
- Students will earn high school credit and college credit upon successful completion
- College credit earned is the decision of the post-secondary institution offering the course
- Prerequisites may change depending on the requirements of the institution offering CCP
- This is a weighted class (5.0)
- Courses:
 - INTRODUCTION TO PSYCHOLOGY (PSYCH-1010) 3 Credits/1 Credit HS
 - INTRODUCTION TO SOCIOLOGY (SOCY-1010) 3 Credits/1 Credit HS
 - INTRO. TO ANATOMY & PHYSIOLOGY (BIOL201 & 201L) 4 Credits/1 Credit HS
 - PHYSICS 1110 4 Credits/1 Credit HS
 - MATH 1150, CALCULUS 1 5 Credits/1 Credit HS
 - MATH 1151, CALCULUS 2 5 Credits/1 Credit HS
 - ENGLISH COMPOSITION I (ENG-1010) 3 Credits/1 Credit HS
 - ENGLISH COMPOSITION II (ENG-1030) 3 Credits/1 Credit HS

Advanced Placement Requirements/Information

- Junior/Senior Status
- 3.5 Cumulative G.P.A. required
- Teacher recommendation
- Good Attendance/Discipline Records
- Additional prerequisites for sequenced classes may apply
- Students will be required to take the AP Exam at their own expense (\$100.00 estimate)
- This is a weighted class (5.0)
- Courses:
 - ADVANCED PLACEMENT LANGUAGE AND COMP 1 Credit
 - ADVANCED PLACEMENT LITERATURE AND COMP 1 Credit
 - ADVANCED PLACEMENT MATHEMATICS: CALCULUS AB 1 Credit
 - ADVANCED PLACEMENT U.S. GOVERNMENT 1 Credit

Honors Course Requirements/Information

- Teacher recommendation
- 3.75 Cumulative G.P.A.
- Scored in the 85th percentile or above on standardized test
- Additional prerequisites for sequenced classes may apply
- Good Attendance/Discipline Records
- This is a weighted class (5.0)
- Courses:
 - Honors English 9 – Freshmen 1 Credit
 - Honors Geometry 9 – Freshmen 1 Credit
 - Honors Biology 9 – Freshmen 1 Credit
 - Honors Algebra 2 – Sophomores 1 Credit
 - Honors English 10 – Sophomores 1 Credit
 - Honors Chemistry 10 – Sophomores 1 Credit
 - Honors Organic-Bio Chemistry 1 Credit

Pioneer Career & Technology Center (PCTC)

The educational programs at PCTC are designed to prepare students for entry into various occupations and/or prepare students for specialized post-secondary education/training. Eleventh and twelfth grade students of Ontario High School are eligible to attend Pioneer. Admission to Pioneer will be determined on the basis of the applicant's ability, achievement, interest, and physical condition. Students attending Pioneer will graduate from Ontario High School. A student spends the entire school day at Pioneer and is eligible to participate in extra-curricular activities at Ontario High School.

To protect graduation status, students are expected to complete a full year at PCTC before making a decision to return to Ontario High School. PCTC students may also attend technical or four-year colleges after they graduate. PCTC does not have an entrance fee other than fees for shop or laboratory uniforms and expendable materials. Transportation is provided by Ontario High School except for seniors in the work study programs who must provide their own transportation. Lists of programs offered at PCTC and how they correspond to particular career opportunities are available through the Guidance office. More detailed information is provided during the school year. Tenth grade visitation days are scheduled for the end of January or February.

Tech-Prep Programs are available to Ontario High School students who attend PCTC in Business Computer Technology, Business Information Technologies, Cad Technician, Electrical Maintenance Technology, Networking/Electronics Technology, Media Communications, Robotics Engineering Technologies, Tool and Die Technology and Medical/Health Technologies. These programs articulate directly to a two-year associate's degree program and many of the two-year programs articulate to four-year bachelor's degree programs. A student becomes eligible for Tech Programs his/her junior year. If a student is interested in exploring the Tech Prep opportunities, he/she should see his/her counselor. Tenth grade visitation days are scheduled in February of each year.

PCTC Transfers

Pioneer requires that once school has started, students must attend at least 3 school days before making a decision to return to their home school.

Ontario High School will not allow students to return to Ontario after 5 school days have passed.

College/Career Readiness Testing

PSAT

PSAT is a practice opportunity for college admissions testing for sophomores and juniors. The PSAT is also used by the National Merit Scholarship Corporation and many private companies for scholarship competition. This test is given once a year. The date is announced yearly, but it is usually given in mid-October. Typically, the results are available in early December.

ACT/SAT

Most two-year and all four-year colleges require one of these tests. Test choice should depend on which school/scholarships you will be applying. The ACT assesses English, Reading, Math, and Science reasoning. The SAT assesses English, Math, and Writing. Students may register for the ACT at www.actstudent.org/start. These tests are scheduled five times a year. Students may register for the SAT at www.sat.collegeboard.org, offered seven times a year.

SAT II

College Entrance Examination Board (C.E.E.B.) subject tests are required by some competitive schools. Which one you take varies on your major and the school's requirements.

ASVAB

Used by all the Armed Services for entrance counseling.

National Honor Society

Qualified Junior and Senior students are selected for National Honor Society (NHS) membership by a majority vote of the NHS Faculty Council on the basis of scholarship, leadership, service, and character. To be eligible for induction, a student must accomplish the following steps in the selection procedure:

- Have earned a minimum 3.83 grade point average prior to junior year or 3.67 for senior year.
- Have attained a **leadership** rating equal to 85% or more of maximum points allowed from the categories evaluated.
- Have attained a **character** rating equal to 85% or more of the maximum points allowed from the categories evaluated.
- Have participate in three or more **different** activities through high school years.

Enrichment Option

Seniors and Juniors may have the option of leaving school early in the afternoon. This option is evaluated yearly for its effectiveness. Required core courses and teacher schedules are the first priorities when determining student schedules. Required classes will not be adjusted to arrange student participation. This option is being offered to address the needs of students who are on track to graduate with 21.5 credits and may not need additional electives in their schedule.

The administration and staff would hope that students use this time to add to the learning experience in the community, either through employment, community involvement, or career exploration.

This option is available at the discretion of the high school principal and if all guidelines are met. A student's ability to participate in the Enrichment Option will be evaluated each quarter. Students failing to meet the guidelines will be assigned to study hall.

- ✓ Parent's Signature
- ✓ Students must carry at least a 2.5 GPA
- ✓ 90% attendance and no disciplinary action (i.e. Friday Schools) based on tardies
- ✓ Must follow all school guidelines as described in the school handbook

College Representative Visits

Representatives from various colleges visit Ontario High School to meet with interested students. Students who are interested in meeting with the college representatives should refer to the college visitation schedule located in the guidance office and sign up for the colleges of interest. The guidance office will then provide a pass for you to meet with the college representative on the scheduled day. These meetings last approximately 30 minutes.

College Campus/Military Visits

Students are encouraged to visit colleges/military institutions as an integral part of college/future planning. Arrangements must be made with the high school attendance secretary at least two days in advance of the planned visit to schedule a campus tour and, if necessary, a specific time for an interview. Students are required to complete the college/military visit form and verification form available in the Guidance Office.

Ontario Academic Boosters

- Students earning 4.0 and above for a nine-week grading period will have their picture taken and displayed in the showcase outside the Guidance Office
- Receive a Sports Pass good through the next nine weeks and treated to a breakfast or ice cream
- Students earning a 3.0 or higher will also receive recognition from the Academic Boosters

Blue Card Program

- All students raising their grade point average 0.5 from the previous nine weeks will receive a blue card invitation
- These students will receive recognition from the Academic Boosters

Extracurricular Activities – Get Involved

Academics are an important part of a student's high school career. However, in order for students to receive a well-rounded education, they need to take advantage of the extracurricular opportunities and become involved in the student body and community of Ontario.

Extracurricular activities provide students a way to learn and improve on vital characteristics such as team work, time management, communication, and social skills. These are important aspects of becoming a complete and productive person. Extracurricular experiences provide skills and opportunity that will benefit students in the classroom and beyond.

Parents should understand that participation in extracurricular activities is a privilege. Please encourage your child to be involved and stay active.

Athletic Eligibility

Ohio High School Athletic Association
(OHSAA) bylaws for student athletic eligibility:

Eligibility for each grading period is determined by grades received the preceding grading period.

Semester and yearly grades have no effect on eligibility.

Grades 9-12: To be eligible, a student-athlete must be currently enrolled in a member school and have received passing grades in a minimum of five one-credit courses, or the equivalent, in the immediately preceding grading period. (Note: Students taking post-secondary options must comply with these standards.) For eligibility, summer school grades may not be used to substitute for failing grades received in the final grading period of the regular school year or for lack of courses taken the preceding grading period.

We recommend students be enrolled in six or seven classes per semester.

Physical Education class does not count towards athletic eligibility requirement.

Transfer student by-laws can be found at www.ohsaa.org.

Extra-Curricular Activities

Academic Extracurricular

Academic Challenge
FCCLA
Flag Corp/Majorettes
Golden Girls
Key Club
Science Club
Student Leadership Committee
Trader Card Program

Academic Co-curricular

Rhapsody in Blue
Yearbook Staff
Marching Band
Pep Band

Interscholastic Athletics

Baseball
Basketball
Cheerleading
Cross Country
Football
Golf
Soccer
Softball
Swimming & Diving
Tennis
Track & Field
Volleyball
Wrestling

General Information

Please refer to the Student Handbook for more information or speak to a counselor.

Section 9528 of the No Child Left Behind Act of 2001 requires schools to release students' private information to military recruiters. Students and parents may sign a waiver requesting schools not release name, address and telephone listing to Armed Services and Military Recruiters.

NCAA Initial-Eligibility Center Requirements

If a student thinks he/she may have the opportunity to play Division I or II athletics at the college level, he/she must be registered with the National Collegiate Athletic Association (NCAA) Eligibility Center and meet academic requirements. All students can have their initial eligibility status determined only by the eligibility center.

The requirements for initial-eligibility certification are:

- Register with eligibility center by completing student-release form at www.eligibilitycenter.org
- Provide two copies of student-release form to high school counselor.
- Request that test scores be sent to eligibility center (Mark #9999 for ACT or SAT) the address is: NCAA Eligibility Center, PO Box 7136, Indianapolis, IN 46207-7136
- Graduate from high school

16 Core Courses

- 4 years of English.
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

Meet with your Guidance Counselor to discuss the requirements and for more details. Online resources: eligibilitycenter.org and NCAA.org/playcollegesports. Follow on Twitter @NCAA_EC.

NAIA Eligibility

The National Association of Intercollegiate Athletics (NAIA) Eligibility Center will determine your eligibility based on your academic record and additional information you provide. Online information www.playnaia.org. Here's how it works:

If you will graduate from high school this spring and enroll in college this coming fall, the requirements are simple. High school graduation, plus **two out of three** of the following requirements:

1. Achieve a minimum of 18 on the ACT or 860 on the SAT (critical reading and math only)
2. Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale
3. Graduate in the top half of your high school class

Early Decisions for High School Seniors

Students who have completed their junior year of high school with an overall 3.00 GPA on a 4.00 scale OR students who have completed the first half of senior year with an overall 2.5 GPA on a 4.00 scale, plus the minimum test scores required (18 ACT or 860 SAT), may receive an eligibility decision prior to high school graduation. To receive an early decision, register with the NAIA Eligibility Center, have your high school send official transcripts to the Eligibility Center, and contact ACT or SAT to have their test scores sent directly (the NAIA code is 9876 with ACT and SAT)

Graduate with Honors:

Summa Cum Laude: cumulative GPA 4.0

Magna Cum Laude: cumulative GPA 3.83 to 3.99 inclusive

Cum Laude: cumulative GPA 3.67 to 3.82 inclusive

High School Academic Diploma with Honors

Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.

Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra 1, Geometry, Algebra 2 (or equivalent), and one additional higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including 2 units of advanced science
Social Studies	4 units
Foreign Language	3 units, including at least 2 units in each language studied (3 units of one language or 2 units each of two languages)
Fine Arts	1 unit, earning high school credit
Electives	Not counted toward requirements
Grade Point Average (GPA)	3.5 on a 4.0 scale
ACT or SAT Score (excluding scores from the writing sections)*	27 ACT or 1280 SAT
Additional Assessment	None

Diploma with honors requirement pre-supposes the completion of all high school diploma requirements in Ohio Revised Code including: ½ unit physical education**, ½ unit health, ½ unit in American History, ½ unit in Government.

*Writing section of either standardized test should not be included in the calculation of this score.

** SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band, or cheerleading for two full seasons.

Career-Technical Diploma with Honors

Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.

Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra 1, Geometry, Algebra 2 (or equivalent), and one additional higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including 2 units of advanced science***
Social Studies	4 units
Foreign Language	2 units of one world language
Career-Technical	Counted in electives
Fine Arts	N/A
Electives	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway, which can lead to post-secondary credit.
Grade Point Average (GPA)	3.5 on a 4.0 scale
ACT or SAT Score (excluding scores from the writing sections)*	27 ACT or 1280 SAT or WorkKeys 6 or higher on Reading for Information and 6 or higher on Applied Mathematics
Field Experience	Complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships.
Portfolio	Portfolio documents student's extensive knowledge and technical, critical-thinking and creative skills representative of the student's honors diploma area of focus.
Additional Assessments	Earn an approved industry-recognized credential or achieve proficiency benchmark for the appropriate Ohio Career-Technical Competency Assessment or equivalent.
<p>Diploma with honors requirement pre-supposes the completion of all high school diploma requirements in Ohio Revised Code including: ½ unit physical education**, ½ unit health, ½ unit in American History, ½ unit in Government</p> <p>*Writing section of either standardized test should not be included in the calculation of this score.</p> <p>** SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band, or cheerleading for two full seasons. Two years of JROTC is also an exemption from the physical education requirement.</p> <p>*** Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the eleventh and twelfth grade standards (or above), or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).</p>	

English Language Arts

English Language Arts

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

English Language Arts 1 (ELA 1) 0001
Full Year Fee: \$10.00
1 Credit

Freshman English is a required course for all ninth grade students. Upon entrance to this course, students must have read the assigned summer reading. The book title will be announced to all eighth grade students in the spring. This course is designed to give students experience with a variety of speaking, listening, reading and writing activities, as well as exposure to many areas of literature. Speeches, a research project, and various other projects are required. The above fee includes the required purchase of *No Fear Romeo and Juliet*. Students will also be required to purchase one supplemental novel at the approximate cost of \$5.00.

Honors English Language Arts 1 0001H
(Honors ELA 1)
Full Year Fee: \$10.00
1 Credit Prereq: An "A"
average in English 8
Honors and teacher
recommendation

Honors English Nine is an enriched course regarding content, pace, and material depth. Upon entrance to this course, students must have completed the assigned summer work. The summer book titles and writing assignments will be explained at a meeting in the spring. Attendance at this meeting is mandatory for enrollment in this course. Students will not be permitted to take Honors English Nine unless summer course work is completed by the designated due dates throughout the summer and the first day of the upcoming school year. Any student with a failing grade at the end of the first quarter will be transferred to a regular English

Nine course at the teacher's discretion and will receive an adjusted grade for the course. This course is designed to give students experience with a variety of speaking, listening, reading, and writing activities, as well as exposure to many areas of literature. Speeches, a research project, and a variety of literary projects are required for course completion. The above fee includes the required purchase of *No Fear Shakespeare: Romeo and Juliet*. Students will also be required to purchase supplemental works at the approximate cost of \$20.00.

English Language Arts 2 (ELA 2) 0002
Full Year Fee: \$3.00
1 Credit Prereq: ELA 1

Upon entrance to this course, students must have completed the assigned summer reading. The book title will be announced prior to the end of the school year. Sophomore English is a required course for all tenth grade students. Specific studies may vary, but the objective for all students is to improve their ability to communicate. This objective is realized through the four target areas of reading, writing, speaking and listening. Every activity covered during sophomore English directly relates to one or more of these targets. All speeches and essays are required components of this curriculum. Students will be required to purchase several supplemental novels, some that may be ordered at school.

**Honors English Language Arts 2 0002H
(Honors ELA 2)****Full Year****1 Credit****Fee: \$3.00****Prereq: An "A" in
ELA 1 or Honors
ELA 1, 3.5 cumulative
GPA and teacher
recommendation**

Honors English Ten is an enriched course pertaining to content, pace and material depth. Honors English Ten is the natural transition from Honors English Nine, though regular English Nine students are welcome to register as long as all prerequisites are met. Upon entrance to this course, students must have completed the assigned summer work. The summer book titles and writing assignments will be explained at a meeting prior to the end of the students' freshmen year. Attendance at this meeting is required. Students will not be permitted to take the course unless summer work is done by the designated due dates throughout the summer, and on the first day of their sophomore year. Specific studies may vary, but the objective for all students is to improve their ability to communicate. This objective is realized through the four target areas of reading, writing, speaking, and listening. Every activity covered during sophomore English directly relates to one or more of these targets. A research paper, speeches, and essays are required components of this curriculum. Students will be expected to use college-level works of literary criticism for multiple purposes. Finally, students will be required to purchase several supplemental novels, some of which may be ordered through the school.

English Language Arts 3 (ELA 3) 0003**Full Year****1 Credit****Fee: \$3.00****Prereq: Successful
completion of ELA 1
and 2**

In this elective course for juniors and seniors, a variety of speaking, listening, reading, and writing activities will be provided to prepare students for college level work. To improve reading decoding skills necessary for both college and career readiness, students will study classic and modern literature, and many pieces of nonfiction, including American seminal documents. Stress is placed on writing skills

which are beneficial across the curriculum. Students in this class are afforded extensive feedback and graded using high school level requirements with the goal of advancing in preparation for career readiness in multiple fields of study as well as college readiness. Upon entrance to this class students must have read the required summer text announced to all 10th and 11th graders in the spring.

**Writing Course
(ENGL 1010)****One Semester****1 Credit****0003CCP****Prereq: CCP
requirements**

This is a freshman college writing and editing course in expository writing and critical reading, which assumes the ability to write at the level of a high school senior upon entry to the class (without intervention from the instructor). Students read a variety of nonfiction works and write summaries, analysis, and essays in response to their readings. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for college-level audiences. Students should look carefully at the course requirements and assignment schedule on the syllabus prior to signing up for this college class. Since the instructors are required to grade the material using a college rubric, requiring mature writing skills, this course is recommended for seniors who are comfortable conveying deep, analytical thoughts in an organized structure that also incorporates synthesized material from outside sources. Three semester hours of college credit from North Central State College is assigned for those who successfully complete course ENGL 1010.

AP Language and Composition 0004**Full Year****1 Credit****Fee: \$3.00****Prereq: Successful
completion of ELA 1
and 2, 3.5 GPA and
teacher
recommendation**

Students are required to participate in assignments prior to the start of the year. Students are required to purchase supplemental

Foreign Language

Foreign Language

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Spanish 1	0401
Full Year	
1 Credit	

Spanish 1 is an introduction to the Spanish language through various facets of life in Spanish speaking countries. Basics of the language will be presented in a situational context through the study of beginner novels and culture of Spanish speaking countries. This class is for students who have never formally taken Spanish.

Spanish 2	0402
Full Year	
1 Credit	Prereq: Spanish 1

Spanish 2 is a continuation of the grammatical skills and study of culture begun in the first year through the study of stories and novels. Emphasis will be placed on speaking, writing, and listening skills. Study of Latin America may be included at this level.

Spanish 3	0403
Full Year	
1 Credit	Prereq: Spanish 2

This course will consist of review of grammar and vocabulary covered in Spanish 1 and 2 and will proceed to more complex structures through the study of novels. At this level, more emphasis will be placed on oral proficiency to improve individual expression in the language. The history, geography and culture of Spain will be studied. Students may be required to purchase a supplemental reader.

Spanish 4	0404
Full Year	
1 Credit	Prereq: Spanish 3

Spanish 4 is a much more detailed study of all facets of the language. In this course, all major grammatical concepts are reviewed in the context of authentic written and audio materials in the target language. The history, geography, literature, and culture of Latin America may be studied. Students may be required to purchase a supplemental reader. Due to scheduling, students may be placed into other foreign language classes.

French 1	0411
Full Year	
1 Credit	

French 1 introduces the student to French culture, language and grammar including geography and food in the various French speaking countries. Emphasis is on the spoken language via small skits, but listening through songs and TV series, and reading and writing skills are also practiced. Students explore France's contributions to the world in different fields of life and explore the countries of the French speaking world. Students may be required to purchase a supplemental reader, dictionary and/or workbook.

French 2	0412
Full Year	
1 Credit	Prereq: French 1

This course is a continuation of culture and skills learned in French 1. There is increased emphasis on written and spoken French, as well as French culture and history using the textbook and internet sources. Students take a tour of Paris by learning about its famous monuments and about the influence France has had in the world of fashion. Spoken skills are practiced through small skits. Students may be required to purchase a supplemental reader, dictionary and/or workbook.

French 3
Full Year
1 Credit

0413

Prereq: French 2

This course concentrates on the reading and writing skills in more depth via writing and reading short stories in French. However, more class time is spent on speaking the language. French culture and history will be presented in a unit on the provinces of France and gastronomy. Students may be required to purchase a supplemental reader to get acquainted with French literature. Students do a survey-study of France's gastronomy. Students may also be required to purchase a dictionary and/or workbook.

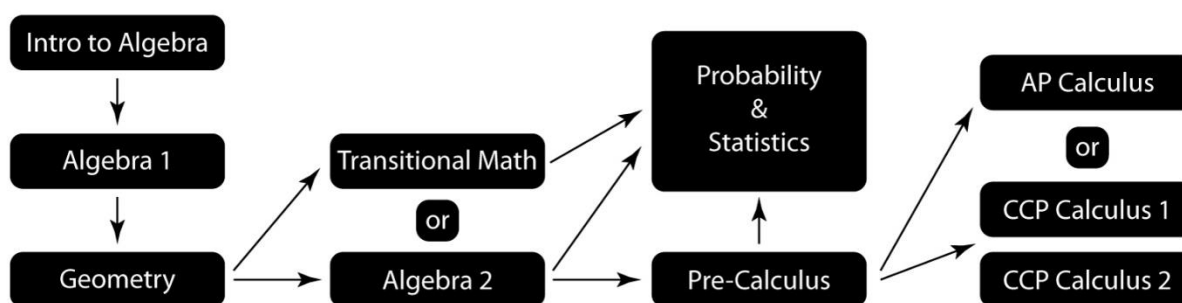
French 4
Full Year
1 Credit

0414

Prereq: French 3

French 4 is a more detailed study of all facets of the language. There is more emphasis placed on expanding vocabulary and expanding the reading, writing and oral communication skills. Reading selections are chosen from a variety of French authors. An in-depth study of French speaking Africa is completed. Spoken language is practiced via skits and performing plays of famous French writers. Due to scheduling issues, students may be placed into other foreign language classes.

Mathematics



Mathematics

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Intro. to Algebra **0301**
Full Year
1 Credit

Introduction to Algebra is recommended for those students earning below a "C" average in 8th grade mathematics. The course provides the mathematical background, skills, and reasoning necessary for the successful transition into Algebra 1. Students will be introduced to the real number system and its concepts, which will build

a foundation for more advanced courses. The student will perform basic operations on directed numbers, learn the use of variables, and solve equations. The student will work with various types of polynomial functions with emphasis on simplifying, solving, and graphing. The course emphasis is both the understanding and the use of the concepts in appropriate problem-solving situations.

Algebra 1
Full Year
1 Credit

0302

Prereq: C or higher in
8th grade Math

A graphing calculator is required for this class. We recommend a TI-84 calculator. Algebra 1 introduces the students to the real number system and its concepts and builds a foundation for more

advanced courses. The students will perform basic operations on directed numbers, learn the use of variables and solve equations that are an integral part of mathematics. The students will work with various types of polynomials with emphasis on simplifying, solving and graphing solutions. Throughout the course a strong emphasis will be placed on developing techniques and strategies for understanding concepts through problem solving approaches.

Geometry **0303**
Full Year
1 Credit **Prereq: Algebra 1**

A compass, protractor, and scientific calculator are required for this class. Geometry is a course that examines both plane and solid figures with emphasis on inductive and deductive reasoning. This course is concerned with the relationships between points, lines, planes, angles and polygons. Geometry illustrates the method of logical reasoning as it pertains to mathematical ideas. Throughout the course, emphasis will be placed on developing techniques and strategies for understanding concepts through problem solving, constructions, and proofs.

Honors Geometry 9 **0303H**
Full Year
1 Credit **Prereq: Algebra 1**
 with an A in 8th grade

A compass, protractor and scientific calculator are required for this class. Honors Geometry is a course that examines both plane and solid figures with emphasis on inductive and deductive reasoning. This course is concerned with the relationships between points, lines, planes, angles and polygons. Honors Geometry illustrates the method of logical reasoning as it pertains to mathematical ideas. Throughout the course, emphasis will be placed on developing techniques and strategies for understanding concepts through problem solving, constructions and proofs. This course will focus more on in-depth applications and will move at an accelerated pace.

Algebra 2 **0305**
Full Year
1 Credit **Prereq: C or higher in**
 Geometry

A graphing calculator is required for this class. We recommend a TI-84 calculator. Algebra 2 is a course combining elements of Algebra 1 and Geometry to extend students' understanding of mathematical concepts introduced in those courses. Topics to be explored include basic algebra concepts, introduction to matrix algebra, rational, irrational and complex numbers, linear, quadratic, polynomial, rational, exponential, logarithmic, absolute value, and trigonometric functions.

Honors Algebra 2 **0305H**
Full Year
1 Credit **Prereq: B or higher in**
 Honors Geometry 9

This is class for sophomores that have successfully completed Honors Geometry 9. A graphing calculator is required for this class. We recommend a TI-84 calculator. Algebra 2 is a course combining elements of Algebra 1 and Geometry to extend students' understanding of mathematical concepts introduced in those courses. Topics to be explored include basic algebra concepts, introduction to matrix algebra, rational, irrational and complex numbers, linear, quadratic, polynomial, rational, exponential, logarithmic, absolute value, and trigonometric functions. The course will focus on in-depth applications and will move at an accelerated pace.

Transitional Math **0306**
Full Year
1 Credit **Prereq: Algebra 1**
 and Geometry

This course will serve as an Algebra 2 equivalence. The design is for seniors to meet the Ohio Core Graduation Requirements for Mathematics. A graphing calculator is required for the class and we recommend a TI-84. The course will explore topics such as operations on numbers and expressions, linear equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, function operations and inverses, trigonometry,

probability and statistics. The course will help students to maintain and polish their math skills in preparation for post-secondary education.

Probability and Statistics **0307**
Full Year
1 Credit **Prereq: Algebra 2 or Transitional Math**

This course is aimed at students that are preparing to enter such fields as economics, business, education, psychology, sociology, biology, medicine, math, physical science and engineering. It will cover sampling, data collection, population, central tendency and dispersion, independent and dependent variables, correlation, regression, and probability. Students will analyze research articles, create spreadsheets, and analyze data using graphing calculators. A graphing calculator is required. We recommend a TI-84 calculator.

Pre-Calculus **0308**
Full Year
1 Credit **Prereq: B or higher in Algebra 2**

A graphing calculator is required for this class. We recommend a TI-84 calculator. Pre-calculus is an advanced algebra course intended to extend the skills developed in Algebra 1 and 2 and prepare students for future study in calculus. Course work will concentrate on linear, quadratic, polynomial, rational, exponential, logarithmic, absolute value, and trigonometric functions.

AP Mathematics: Calculus AB **0309**
Full Year
1 Credit **Prereq: B or higher in Pre-Calculus and/or teacher recommendation**

A graphing calculator is required for this class. We recommend a TI-84 calculator. Calculus is the mathematics of motion and change and these topics are considered through the study of functions, differential calculus and integral calculus. Differential calculus deals with the

problems of calculating rate of change. The AP Mathematics: Calculus AB course consists of a full academic year of work in calculus comparable to such courses in colleges and universities. Students will be required to take the AP exam in calculus, which is given in May. A suitable score on this exam will earn them tuition-free credit in an amount determined by the college/university they attend. The AP exam will cost approximately \$100.00.

Calculus 1 (1150) **0310CCP**
One Semester
1 Credit **Prereq: CCP requirements**

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem, and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions. Five semester hours of college credit from North Central State College is assigned for those who successfully complete course Math 1150, Calculus I. A graphing calculator is required. We recommend a TI-84 calculator.

Calculus 2 (1151) **0311CCP**
One Semester
1 Credit **Prereq: CCP requirements Calculus 1 (1150)**

This course is a continuation of MATH 1150. Topics include integration and applications, calculus of exponential and logarithmic functions, hyperbolic functions, methods of integration, integration by parts, indeterminate forms and L'Hôpital's Rule, moments and centers of mass, fluid pressure and force, integration techniques, series including Taylor

and Maclaurin, calculus of conics, calculus of parametric equations, and polar forms of conic sections, including Kepler's Laws. Five semester hours of college credit from North Central State College is assigned for those who successfully complete course Math 1151, Calculus II. A graphing calculator is required. We recommend a TI-84 calculator.

Math 1 **1108**
Math 2 **1109**
Math 3 **1110**
Math 4 **1111**
Full Year
1 Credit

These courses are designed for select students. The courses cover areas of basic math calculations, problem solving and math skills used in daily life. These classes also identify and help the student work on individual weaknesses in math skills.

Science

Life Sciences

Biology

Honors Biology

Anatomy & Physiology

CCP Anatomy & Physiology

Environmental Science

Physical Sciences

Physical Science

Honors Organic Bio Chem

Honors Chemistry 10

Chemistry

Physics

CCP Physics

Earth Science

Science

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Physical Science	0201
Full Year	Fee: \$10.00
1 Credit	

The Physical Science course is a freshman-level class that covers many different topics, including the structure of matter, atoms, elements and trends of the Periodic Table, chemical bonding

and compounds, reactions of matter, conservation of energy, forces and motion, the universe, energy and waves.

Biology	0203
Full Year	Fee: \$10.00
1 Credit	Prereq: Phys. Science

Biology is the study of life. In this general course we begin the study of life at the molecular levels and progress from the simple forms of life to the more specialized forms. Both plants and animals are studied in this way. The course includes many laboratory experiences, including dissections.

Honors Biology 9 **0203H**
Full Year **Fee: \$10.00**
1 Credit **Prereq: B or higher**
 in 8th grade physical
 science, teacher
 recommendation, and
 a high standardized
 test score

This course is an in-depth study of life. In this accelerated course we begin the study of life at the molecular level and progress from the simple forms of life to the more specialized forms. A systematic approach for both plants and animals are studied this way. The course includes many enriched laboratory experiences.

Honors Organic-Bio **0202H**
Chemistry
Full Year **Fee: \$15.00**
1Credit **Prereq: B or higher in**
 Honors Chemistry; for
 students who took
 Chemistry 1 rather
 than Honors Chem,
 Instructor's
 permission required

Honors level chemistry course designed for students who are seriously considering university degrees to prepare them for becoming physicians, nurses, pharmacists, physical/occupational therapists or other ancillary health care professions as well as chemical engineering. This course will prepare students to name and identify organic compounds and understand the major functional groups of organic and bio-molecules and their reaction mechanisms. An introduction to the major classifications of drugs used to treat disease processes and their effects on human biochemistry will be emphasized along with developing a literacy regarding medical terminology relating to chemical interactions in living systems.

Anatomy and **0204**
Physiology
Full Year **Fee: \$15.00**
1 Credit **Prereq: B in Biology,**
 Sophomore or teacher
 recommendation

Anatomy and Physiology is a class that examines the structure and function of the human body. Key concepts include the skeletal system, cells, tissues and organs, the muscles, the nervous system, the senses, the endocrine system, the cardiovascular system, the respiratory system and the digestive system. There are laboratory exercises with each chapter. Dissections are performed using fetal pigs. Laboratory tests are a part of each chapter's work. This class is primarily for students who plan to pursue post-high school education in science or health-related fields.

Intro to Anatomy **0204CCP**
and Physiology
Full Year **Prereq: CCP**
1 Credit **requirements**

This course is an introductory study of life processes and biological principles. Special reference to the human organism is used in describing the nature of life sustaining functions. Cellular function and the structure and function of the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems are introduced. Laboratory exercises enhance and support the lecture topics. Five semester hours of college credit from University of Findlay is assigned for those who successfully complete course BIOL 201 & 201L.

Earth Science **0205**
Full Year **Fee: \$10.00**
1 Credit **Prereq: Physical Sci.**
 and Biology

The Earth Science course is a junior/senior level course that covers many different topics, including mineral structure and composition, igneous/metamorphic/sedimentary rocks, earth's history, plate tectonics, earth's resources, and glacial geology.

Environmental Sci. 0206
Full Year **Fee: \$10.00**
1 Credit **Prereq: Physical Sci.**
 and Biology, Jr./Sr.

Course topics include interactions between humans and the earth, ecosystems, environmental factors, biological evolution, populations, diversity, matter and energy, relationships, human interactions with science and technology, understanding technology, research, science and society, environmental issues, application of science processes and techniques in research. This class will involve an ecological outdoor lab component.

Chemistry 0207
Full Year **Fee: \$15.00**
1 Credit **Prereq: Algebra 1,**
 and Biology

Chemistry addresses the nature of matter and the changes that matter undergoes. Topics include atomic structure, chemical and physical changes, chemical formulae and reactions, properties of matter, solutions, acids and bases, and pH. Laboratory work emphasizes analysis of quantitative and qualitative data.

Honors Chemistry 0207H
Full Year **Fee: \$15.00**
1 Credit **Prereq: B or higher in**
 Honors Biology,
 Algebra 1, and teacher
 recommendation

Honors Chemistry is an in-depth study of the nature of matter and the changes that matter undergoes. Topics include atomic structure, chemical and physical changes, chemical formulae and reactions, properties of matter, solutions, acids and bases and pH. The course includes many enriched laboratory experiences and emphasizes mathematical and graphical descriptions of the flow of matter and energy in chemical reactions. Honors Chemistry is open to sophomores who have a B or better in Honors Biology and Algebra 1 along with a teacher recommendation.

Physics 0210
Full Year **Fee: \$15.00**
1 Credit **Prereq: B or higher in**
 all prior math and
 science courses;
 concurrent enrollment
 in Pre-Calculus is
 strongly recommended

Physics attempts to strike a realistic balance between theory and practical application. Topics covered include mechanics, dynamics, mechanical waves (including sound unit), electromagnetic radiation (including light unit), static and current electricity, and magnetism. A strong mathematics background is necessary to express analytical thinking skills for problem-solving, especially in the physics laboratory.

Physics 1110 0210CCP
Full Year
1 Credit **Prereq: CCP**
 requirements

This is a study of Classical Newtonian Mechanics including measurement systems, dimensional analysis, vectors, scalars, linear, circular and rotational motion, forces in equilibrium, acceleration, work, and energy. This course covers material properties including density, and hydraulic principles (both static and kinetic). This is a study of waves and sound including simple harmonic motion, vibrations, reflection, transmission, interference, and resonance for waves, and intensity, sources, interference, and Doppler Effect for sound. Four semester hours of college credit from North Central State College is assigned for those who successfully complete course PHYSICS 1110.

Biology 1112
Earth Science 1113
Physical Science 1114
Full Year **Fee: \$10.00**
1 Credit

These courses are designed for select students. The courses cover topics pertaining to the sciences and content that aligns with grade level standards.

Social Studies

Social Studies

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

World History 0101
Full Year
1 Credit

World History is an entry-level course that combines world history with events that are occurring around the world. For example, students will delve into the historical context of the conflict in the Middle East while using present day events as a frame of reference. Aspects of geography, economics, research, problem solving and student participation will be emphasized.

American History 0102
Full Year
1 Credit

This course is focused primarily on United States history from 1900 to the present. There will also be elements taught from other social studies disciplines – geography, economics, world history, and political science. This is a required course for sophomores.

Am. Government 0103
Full Year
1 Credit

In this course, students will analyze the various purposes, functions, and decisions of government, giving them the knowledge to participate in their democracy. Topics include core principles of our representative democracy, arguments of Federalists and Anti-Federalists, the U.S. Constitution (with heavy focus on constitutional amendments), citizenship rights and responsibilities, federalism, elections, the three branches of government, the Ohio Constitution, and basic macroeconomic principles. Critical thinking and the evaluation of

sources of information will also be a focus. Students in this course will take a State of Ohio End-of-Course Exam.

AP U.S. Government 0104
and Politics
Full Year
1 Credit

Prereq: Teacher recommendation, 3.5 GPA

This course is an accelerated version of the traditional regular American Government course. Because this course is intended to simulate the scope and pace of college-level political science, it is a weighted class. Topics of focus include: Constitutionalism, Liberty and Order, Civic Participation in a Representative Democracy, Competing Policy-Making Interests, and Methods of Political Analysis. Tests, quizzes, writing assignments, and projects will be the primary evaluation system. Students will also complete a “Civic Connection” project and will be expected to present their findings/experiences to an audience. The AP exam is **required for the course**, at a cost of approximately \$100.00, due March 1. A score of 3 or above affords a student the opportunity to earn college credit.

Economics 0121
One Semester **Fee: \$3.00**
.5 Credit **Prereq: Jr./Sr.**

This semester course will be presented in four units. Initially, students will examine the business cycle, economic indicators, US economic history, entrepreneurship, and the role of government in our economy. Secondly, the course will be guided by the NEFE curriculum to study the following personal finance areas: money management, borrowing, earning power, investing, financial services, and insurance. Thirdly, students will utilize an online based program hosted by American Financial Services Association to help incorporate personal finance into everyday life. Lastly, students will complete the Dave Ramsey High School Foundations program to foster wealth building while eliminating debt.

Psychology **0122**
One Semester **Fee: \$3.00**
.5 Credit **Prereq: Jr./Sr. Year**

Psychology is a study in the science of human behavior. Subtopics may include: theories of personality, sensation and perception, consciousness, infancy and childhood, gender roles, psychological disorders and social psychology. Students will also be introduced to careers in psychology. Because of the difficult subject matter, this course is for juniors and seniors.

Intro. to Psychology **0122CCP**
One Semester
1 Credit **Prereq: CCP**
 requirements

This course is an introductory college level course and is a study of the basic principles of psychology. Among the topics surveyed are an overview of the field, anatomy, perception, consciousness, learning, personality, and psychological disorders. Throughout the course, there is an emphasis on developing an understanding of psychology as the science of human thought and behavior and to critically evaluate "common sense" knowledge about how people function. This course requires high level reading skills and time management. Three semester hours of college credit from North Central State College is assigned for those who successfully complete course PSYC 1010.

Sociology **0123**
One Semester
.5 Credit **Prereq: Jr./Sr. Year**

This semester-long elective course for approved juniors and seniors will study people as they behave in group situations and their society as a whole. Students will be engaged in a great deal of group discussion, taking exams and quizzes, writing essays, as well as various other projects during the course of their studies. Some topics will include socialization (including gender socialization), gender, culture, race, social class and poverty, crime and deviance, the family and relationships, among several others. Multimedia may be used as supplements to the topics.

Intro. to Sociology **0123CCP**
One Semester
1 Credit **Prereq: CCP**
 requirements

This course is a study of various aspects of our social system that affect individuals and organizations. Emphasis is placed on a process of value clarification whereby the student can better understand his or her relationship to this society and the specific types of organizations that comprise it. Three semester hours of college credit from North Central State College is assigned for those who successfully complete course SOCY 1010.

Introduction to Law **0124**
One Semester
.5 Credit **Prereq: Jr./Sr. Year**

Introduction to Law is a semester social studies elective for upperclassmen. Students will investigate law in the following areas: the legal system, criminal and juvenile law, torts, consumer and housing law, family law, and individual rights and liberties. This course is designed to engage students by connecting contemporary issues with their legal rights and responsibilities. Students will be expected to complete reading and written assignments, participate in oral debates and presentations.

History of Rock & Roll **0125**
One Semester
.5 Credit **Prereq: Jr./Sr. Year**

This semester-long course for juniors and seniors will examine the history of rock and roll music. Students will trace its blues and boogie-woogie roots in the late 1940s through the mainstream explosion of rock and roll in the 50s, 60s, and 70s, including the British Invasion, protest anthems, and music about social reform. The course will look at the evolution of rock music throughout the 80s and 90s and examine the music's place in contemporary society. In addition to the music itself, the course will place heavy emphasis on the cultural, social, political and economic climate of the country, including how the music both reflected and helped to shape mainstream society. The course will make extensive use of audio and visual supplements. Required materials: headphones compatible with your Chromebook.

World Studies 1105
American Studies 1106
Government 1107
Full Year
1 Credit

These courses are designed for select students. These courses cover not only American history, but also economics, world history, and government. They take a look at these issues over a time period from mid-1800's to present.

Career Exploration/ 1116
Economics
Full Year
1 Credit

This course is designed for select students. Students will be taught many of the skills surrounding basic daily living and job placement including basic computer instruction for the transition after high school. Students will receive instruction in the following: job search skills, resume writing skills, job interviewing skills, career information, personal economics, test-taking, college opportunities, and everyday living skills.

Arts – Visual and Performing

Arts – Visual and Performing

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Art 1	0601
Full Year	Fee: \$55.00
1 Credit	

This course is designed for students wishing to develop skills, sensitivity, appreciation and understanding of art. Basic art concepts and vocabulary will be studied in studio projects, responding to art of the past and present, and responding to other related arts. Students will be encouraged to become critically aware of their own work and the work of others. Areas explored will include drawing, design, painting, printmaking, graphics, crafts and/or fibers, sculpture and/or ceramics. Students may be expected to furnish some supplies for special projects.

Art 2	0602
Full Year	Fee: \$55.00
1 Credit	Prereq: B or higher in Art 1

This course reinforces foundation concepts and skills studied in Art 1. Students will continue the

study of drawing, design, painting, printmaking, graphics, crafts and/or fibers, sculpture and/or ceramics. Topics will include art of the past and present, vocabulary, basic art concepts, the related arts and critical awareness of the visual arts. Students may be expected to furnish some supplies for special individual projects.

Art 3 / 4	0603
Full Year	Fee: \$55.00
1 Credit	Prereq: B or higher in Art 2

This course furthers the development of concepts and skills studied in Art 1 and Art 2 with additional emphasis on personal expression and response. Emphasis will be placed on in-depth study and/or more advanced techniques in areas of drawing, design, painting, printmaking, photography, graphics, crafts and/or fibers, sculpture and/or ceramics chosen to express personal ideas. Continued study of related art history, vocabulary, the related arts and art concepts will be included. Students will continue to critically evaluate individual work and the work of others. Students may be expected to furnish some supplies for special individual projects.

Ceramics 1 **0605**
One Semester **Fee: \$45.00**
.5 Credit **Prereq: So./Jr./Sr.**

This semester course is designed for students interested in learning the basics of working in the medium of clay. We will create both hand built and wheel thrown projects in solving given design assignments. Students will become familiar with the complete process of producing ceramics including forming, bisque firing, glazing, glaze firing and recycling the clay.

Ceramics 2 **0606**
One Semester **Fee: \$45.00**
.5 Credit **Prereq: So./Jr./Sr.**
B or higher in
Ceramics 1

This semester course will help students develop refined techniques in the medium of clay. Students will work on a variety of skills including loading and firing electric and raku kilns, wheel throwing and hand building.

Drawing & Painting 1 **0607**
One Semester **Fee: \$45.00**
.5 Credit **Prereq: So./Jr./Sr.**

This semester course is designed for students that want to improve their drawing and painting skills. We will focus on drawing from life and interpreting 3-D objects. Students will have a chance to develop their own style as well as work in the style of master artists and other cultures. Students may be asked to furnish additional supplies for special projects.

Drawing & Painting 2 **0608**
One Semester **Fee: \$45.00**
.5 Credit **Prereq: So./Jr./Sr.**
B or higher in
Drawing 1

This semester course will help students develop refined techniques in the media of drawing and painting. Emphasis will be placed on the finished product and portfolio development. Students will be given specific concepts to develop creatively into original works of art. Students may be asked to furnish additional supplies for special projects.

Small Ensemble Lab **0900**
Full Year **Fee: \$10.00**
1 Credit

The Small Ensemble Lab is open to all OHS students seeking a more immersive role in music. This class is designed to allow students to work with the director in a more individualized setting. Students will have the opportunity to study and work on a variety of repertoire including but not limited to: Solos on their primary instrument, small ensembles (trio, quartet, quintet etc.) or larger ensembles (brass choir, woodwind choir, percussion ensemble etc.). In addition, students will be exposed to topics such as music history and music theory throughout the year. Students, with permission from the band director, may also study a secondary instrument throughout the year.

Marching/Concert **0901**
Bands
Full Year **Fee: \$10.00**
1 Credit

The Marching, Concert and Symphonic bands are performing groups which include continuation of basic fundamentals in instrumental music, production and performance with special emphasis on the perception of musical understandings and attitudes through exposure to a variety and quantity of music literature and its performance. Outside preparation and practice is required. The Marching band performs at all football games as well as selected community and civic functions. The Symphonic and Concert bands prepare and perform music of high quality in a variety of types and styles. Several concerts are given each year. Selected students also participate in annual solo and ensemble events. Students enrolling in this course are to remain for the entire school year.

Jazz Band **0902**
Full Year **Fee: \$10.00**
1 Credit **Prereq: Instructor's**
approval

The Jazz Band is a performance oriented group with limited membership as determined by proper instrumentation and performing ability. Its purpose is to acquaint the student with the various types of music written for this medium (rock,

swing, Latin-American, ballads, etc.) through actual performance of representative literature in an appropriate style. Several performances are given each year for school as well as various community functions. The Jazz Band is a select group with membership determined on an individual basis and its members are selected by the instrumental music director.

Show Choir	0903
Full Year	Fee: \$10.00
1 Credit	Prereq: Audition

Rhapsody in Blue (Show Choir) is a 20-40 student performing group of mixed voices. Any student in grades 9-12 is eligible based on the results of his/her audition. A student must display sufficient musical talent, vocal technique, musicianship, dance skills, and positive attitude with a good work ethic to be selected for this group. At least a year of previous choral experience is required; however, it may be waived in some cases. This group will perform

at various times and places during the school year including annual concerts and events in the community. Only those students showing genuine desire and interest in a quality musical performance will be considered for membership. All members, regardless of years involved in this choir, must audition every year.

Concert Choir	0904
Full Year	Fee: \$5.00
1 Credit	

Concert Choir is a student performing group of mixed voices. This choir is an elective for students who enjoy singing and have a desire to learn and perform. Throughout the year, Concert Choir will perform at various concerts including annual concerts. Several styles of music will be studied and performed and emphasis will be placed on basic vocal skills and musical knowledge. Previous choral experience is not required.

Career Based Intervention Program

Career Based Intervention Program

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

The Career Based Intervention Program (C.B.I.P.) is a work-study program designed to assist the student in finding a place of employment and to participate in a special academic program dealing with practical matters that will help in his or her adult life. All students must make application to be enrolled in C.B.I.P., which is open to seniors only.

The enrollment and employment of the student shall conform to all federal, state, and local laws and regulations, including non-discrimination against any applicant or employee because of race, color, sex, or national origin. This policy of non-discrimination shall also apply to qualified handicapped individuals.

C.B.I.P. Related	1001
Full Year	
1 Credit	Prereq: Senior Year

This class covers a variety of areas such as: finding and applying for a job, job safety, consumer buying, budgeting, bank services, checking and savings, using credit, buying insurance and paying taxes. The class also emphasizes such areas as basic math, communication skills in today's society, and many other related situations in the world of work.

C.B.I.P. Intervention	1003
Full Year	
1 Credit	Prereq: Senior Year

This class will be designed to help students with Academic Intervention.

C.B.I.P. Job Exp. 1005
Full Year
1.5 Credits **Prereq: Senior Year**

The students in the Career Based Intervention Program work at a cooperative place of

employment for which they receive wages and high school credit toward graduation. The student will receive 1.5 credits for the work experience (360 total hours). The student is evaluated each grading period by the coordinator and the employer as part of his/her work grade.

Family and Consumer Sciences

Family and Consumer Sciences

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Career and College 0711
Readiness
One Semester **Fee: \$10.00**
.5 Credit **Prereq: So./Jr./Sr.**

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. This course is highly recommended for any student looking to be prepared for workforce and/or college demands.

Nutrition and 0704
Wellness
One Semester **Fee: \$25.00**
.5 Credit

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to

maintain a healthy lifestyle. This course is highly recommended for any student interested in a career involving the Food, Health, and Sports Industries. Furthermore, this course is recommended for any student interested in finding a balance between work and family.

Child Development 0706
One Semester **Fee: \$10.00**
.5 Credit

In this course, students will study the principles of child growth, development, and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services. This course is highly recommended for any student interested in a career involving the Health and Education Industries as well as any student who hopes to have a family in the future.

Culinary 0707
Fundamentals
One Semester **Fee: \$25.00**
.5 Credit

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. This course is highly recommended for any student interested in a career involving the Food Industry and any student interested in planning for family life.

Global Foods **0708**
One Semester **Fee: \$25.00**
.5 Credit

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. This course is highly recommended for any student interested in a career involving the Food Industry and any student interested in planning for family life.

Leadership and **0713**
Community Engagement
One Semester **Fee: \$10.00**
.5 Credit **Prereq: So./Jr./Sr.**

In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community and global engagement. This course is highly recommended for any student interested in being a leader and learning through service.

Interior Design **0714**
Furnishings and Management
One Semester **Fee: \$25.00**
.5 Credit

In this Family and Consumer Sciences career field course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. This course is highly recommended for any students interested in a career involving the Interior Design and Construction Industries, while also addressing topics related to the responsibilities of a property.

Textile Design **0715**
Construction and Maintenance
One Semester **Fee: \$25.00**
.5 Credit

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments. The course is highly recommended for any students interested in a career involving design and fashion.

Industrial Technology

Industrial Technology

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Home Woodworking **0801**
One Semester **Fee: \$15.00**
.5 Credit

This is a beginning woodworking course emphasizing safety, woodworking concepts,

tools and machines. Several class projects will be built utilizing machines. Students will pay for their lumber and finishing supplies used in class. Safety glasses and lock are required.

Furniture 1 **0802**
Full Year **Fee: \$30.00**
1 Credit

This is an introductory course in woodworking emphasizing construction details and creative design. Cost analysis, machine setup and safety will be stressed. Several class projects will be

built utilizing all machines. Students will pay for their lumber and finishing supplies used in class. Safety glasses and lock are required.

Furniture 2 **0803**
Full Year **Fee: \$30.00**
1 Credit **Prereq: Furniture 1**

This is a continuation of Furniture 1 with emphasis being placed on a design and construction of a major project by the student. Advanced machine setup and safety will be stressed. This course may be repeated for credit. Students will pay for their lumber and finishing supplies used in class. Safety glasses and lock are required.

Furniture 3 **0804**
Full Year **Fee: \$30.00**
1 Credit **Prereq: Furniture 2**

This is a continuation of Furniture 2. Students are to work independently on design and creation of a major piece of furniture or cabinet. Students will also study history of furniture design. Safety will be stressed. Students will pay for their lumber and finishing supplies used in class. Safety glasses and lock are required.

Furniture 4 **0805**
Full Year **Fee: \$30.00**
1 Credit **Prereq: Senior,**
 Furniture 3

A continuation of designing and creating furniture or cabinet pieces learned during Furniture 3. Students will pay for their lumber and finishing supplies used in class. Safety glasses and lock are required.

Wood Rocks **0806**
One Semester **Fee: \$20.00**
.5 Credit **Prereq: So./Jr./Sr.**

Wood Rocks is a program of education designed to teach students the value of hard work one guitar at a time. Students will demonstrate a foundation for mathematics, science, life skills, and strategies that support all students. Wood Rocks is a program that teaches students the art

of guitar-building and so much more. Students will pay for their lumber and finishing supplies used in class. Students can expect to pay between \$175-\$200 depending on kit and lumber chosen. Safety glasses and lock are required.

Digital Imaging/ **0807**
Photoshop/Digital
Photography
One Semester **Fee: \$20.00**
.5 Credit **Prereq: So./Jr./Sr.**

This class covers the various aspects of computer generated or manipulated images used in the creation of artwork for print, multimedia and online graphics. This course is designed to give students a general knowledge of computer generated artwork, photo manipulation and desktop publishing experiences. Students will learn how to use Photoshop.

Illustrations and **0809**
Laser Design
One Semester **Fee: \$20.00**
.5 Credit **Prereq: So./Jr./Sr.**

Students will use two CO2 laser engraving and cutting machines to engrave and/or cut a variety of materials – including wood, acrylic, plastic, fabric, glass, paper, treated metals and much more. CO2 laser engraving systems work much like a printer, but with a laser beam instead of ink. Users can simply import their artwork, input the correct speed and power settings for their material and “print” the job to the laser. Students will learn to use software programs such as CorelDraw, Photoshop, Illustrator, Photogray, and Lasercut. Students will use the computer and understand the process of translating an idea, picture or text into a finished product. The engraving course includes studying the techniques of engraving with laser equipment on different materials. With the instruction in planning, designing, selecting materials and using the equipment, students will explore a topic of special interest within a related industry and develop greater skills on the computer and laser equipment. Students will pay for materials used and will be charged 50 cents a minute for the laser run time.

Introduction to Technology Systems **0851**
One Semester **Fee: \$15.00**
.5 Credit

Introduction to Technology Systems is a STEM semester course for a half credit that will focus primarily on developing two key concepts, building Technical Drafting and Computer Aided Drafting skills, along with the exploration of Robotics and Automation. There are a few distinct software CAD packages that will be taught; Rhino, Chief Architect, and Solidworks. Rhino and Solidworks will help potential engineers and designers develop the talents needed to visualize 2D and 3D platforms and use them to create interesting designs as well as working drawings and blueprints. The students will be limited only by their own imagination. Chief Architect will help potential architects and designers with several facets of residential construction. The floor plan development process will also be taught, practiced and applied through client-architect simulations. Robotics and Automation software and hardware will also be introduced and explored. The students will use STEM Engineering kits from Fischertechnik and software from Robopro Robotics to create and program several projects. Since this is the introductory course in the new STEM program, there are no pre-requisites. All we need is students with an eager and inquiring mind!

Technology Systems and Design 1 **0852**
Full Year **Fee: \$20.00**
1 Credit **Prereq: Intro to Technology Systems**

Technology Systems and Design 1 is a STEM full year course for one credit that adds the principles and elements of design to the student's introductory CAD and Robotics knowledge base. The students will experience project based learning at its core. The major focus in this class will be problem solving, design and modeling, and using concurrent engineering and teamwork in the development of products and innovations. Further exploration of CAD programs like Rhino, Solidworks, and Chief Architect will be applied through the use of the Engineering Design Process. The students will be asked to perform several experiments with Robotics and increase

their knowledge in regards to programming and development.

Technology Systems and Design 2 **0853**
Full Year **Fee: \$20.00**
1 Credit **Prereq: Tech Systems and Design 1**

Technology Systems and Design 2 is a STEM full year course for one credit that expands the students understanding of the designed world around them. The students continue going through a project based learning process that focuses on soft skill concepts like general cognitive ability, leadership, a sense of ownership, humility, and being innately curious as to the world around them. These five attributes are found very important in the world of work as noted by the senior vice president of people operations at Google. In addition, advanced design projects relating to Computer Aided Drafting and Design, Robotics and Automation, Engineering and Architecture will be implemented.

Technology Systems and Design 3 **0854**
Full Year **Fee: \$20.00**
1 Credit **Prereq: Tech Systems and Design 2, teacher approval**

Technology Systems and Design 3 is a full year STEM course for one credit and is for the advanced student who wants challenged in both systems and design related to technology. This course is taught in a problem based learning style format in order to foster innovative and collaborative approaches to several concepts being covered. With the background of these students having taken prior project based learning classes previously within this department, expectations are high for quality design projects and the development of team approaches to solving problems over an extended period of time. This class may also foster creative student generated project ideas that they can explore and expand upon as they wish with direction from the instructor. Students signing up for this class should seek the approval of the instructor. This course will prepare the students for a future in the engineering, architectural, or design field of their

choice. Interested students who have previously taken Technology Systems and Design 2 may qualify for this class.

Independent Study **0855**
Technology Systems **Fee: \$20.00**
and Design **Prereq: Tech Systems**
Full Year **and Design 3, teacher**
1 Credit **approval**

Project-based independent study technology systems and design full year course for one credit. Instructor approval for admission to this class is required.

Physical Education

Physical Education

Subject descriptions contain the following information in the order shown below:

Course Title	Course Code
Length of Course	Fee
Credit	Prerequisites

Physical Education **0501/0502**
One Semester
.25 Credit

Ohio's physical education academic content standards provide clear, rigorous expectations for all students in high school physical education classes. Physical education is a critical component of a complete education. Beyond the physical benefits, quality physical education has been linked to cognitive, affective and quality of life benefits for students at the high school level.

A physical education evaluation will be included as an indicator on the Ontario Local Report Card. As a result, Ontario Local Schools will measure student success in meeting the benchmarks contained in the Physical Education Academic Content Standards. They include:

Standard 1 – The physically literate individual demonstrates competency in a variety of motor skills and movement patterns.

Standard 2 – The physically literate individual applies knowledge of concepts, principles, strategies and tactics related to movement and performance.

Standard 3 – The physically literate individual demonstrates the knowledge and skills to achieve

and maintain a health-enhancing level of physical activity and fitness.

Standard 4 – The physically literate individual exhibits responsible personal and social behavior that respects self and others.

Standard 5 – The physically literate individual recognizes the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

The tasks contained in the assessment are designed to be incorporated within the curriculum and physical education lessons.

Health **0503**
One Semester
.5 Credit

The purpose of the health education program is to instill in students a sense of personal responsibility for themselves, for others, and for the community. Included in this program are the requirements of House Bill 19, mandating the education of dating violence and bullying, and House Bill 367 requiring the emphasis of opioid abuse prevention. Specific health topics will include the following: components of health, self-esteem, relationships, mental health, alcohol, tobacco, drugs, sexually transmitted infections, first aid, and CPR.

**Sports Medicine/
Wellness Strategies 1** **0504**
One Semester **Fee: \$10.00**
.5 Credit **Prereq: Jr./Sr. and
passed Health and
Biology**

This is a course that includes the study of organ systems, kinesiology, and body response to injury and adaptation. Students will learn common anatomy and medical terminology. An emphasis on prevention of athletic injuries, injury evaluation, taping techniques, and wellness strategies will take place. Students will also understand basic nutrition with planning, preparing and eating a variety of healthy foods, and preparing pre-game meals. Students will have an understanding of careers associated with Sports Medicine/Wellness Strategies.

**Sports Medicine/
Wellness Strategies 2** **0505**
One Semester **Fee: \$10.00**
.5 Credit **Prereq: Jr./Sr. and
passed Health,
Biology, Sports
Medicine 1**

It is recommended that students have at least one semester of Anatomy and Physiology. This is a

course that will include anatomy and physiology in relationship to athletic injuries. Exercise physiology will be involved with the study of athletic performance in relationship to overall individual physical assessment. Students will study injury rehabilitation, advanced taping and bracing techniques. A study of nutrition with an emphasis of dietary supplements and other PED's involved with athletic performances, as well as wellness strategies. Students will study careers in Sports Medicine/Wellness Strategies with a possibility of job shadowing.

Dance **0506**
One Semester
.5 Credit **Prereq: Must have at
least .5 credit of
Physical Education**

This is a comprehensive study of the knowledge and processes of creating, performing, responding to, and representing ideas through the art form of dance. Multiculturalism, dance history, critiques and aesthetics are incorporated into course content and dance experiences for individual and group learning.

Multiple Disabilities/Low Incidence Classroom

The classroom provides an adapted curriculum aligned to state extended standards and includes experiences within the community for lifeskill development. Functional academics such as Reading for Enjoyment, Language Arts, Math Concepts, Science Concepts, Social Studies Concepts, and Daily Living and Vocational Skills are also taught in the classroom.

Non-Discrimination

The Ontario School District affirms that no person shall on the basis of sex, race, color, national origin or handicap, be excluded from participation, be denied the benefits of or be subjected to discrimination under any educational program or activity conducted under its auspices. This shall extend to employees therein and to admission thereto. Inquiries concerning the application of this policy may be referred to the designated coordinator. This policy shall prevail in all board policies concerning school employees and students. Any complaints should be referred to the Director of Operations, Title VI, Title IX, Section 504 coordinator

Student course selections, course offerings, and fees listed are subject to change.