

2016-2017

Highland High School Program of Studies



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Highland High School

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Dear Students and Parents,

Our Highland Guidance Department and the High School Administrative Team is pleased to present the 2016-2017 Program of Studies to our high school students and parents. This document is intended to provide course descriptions in each of our curriculum areas. In an educational time period when course selection and planning is at a premium, it is our hope that you will use the Program of Studies to guide you during the critical course selection time frame.

The board-approved document provides insight to program offerings at Highland High School, including the Medina County Career Center, Curriculum-Related Awards, General Information, Special Programs, Athletic Eligibility, Advanced Placement Classes, and Planning for Testing. We want to encourage everyone to thoroughly read and understand each component that could impact any student's academic life at Highland High School.

I want to encourage you to pay particular attention to some new course offerings in Science for next school year. We have made some changes that will move our students into next-generation learning in some newly developed areas. We are also proud to present Advanced Placement courses in Music Theory, French, and Art History. In fact, there are some courses in each content area that are worthy of your attention.

Although our students are achieving at a very high level, Highland High School is preparing for many national, state, and local academic initiatives that will impact our students. Standardized college readiness tests and end-of-course/year exams in English, Language Arts, Mathematics, Science, and Social Studies are here and have replaced the OGT for the graduating class of 2018 and beyond. As the Ohio Department of Education moves our state into more challenging standardized testing and stronger accountability for schools as a whole, I want to encourage each of you to challenge yourselves in your scheduling. As a high school, we are committed to presenting educational opportunities with increased rigor and exciting expectations and objectives. Please embrace that thought with us and select courses where learning will be a priority for both your present and your future.

You attend a high school that supports the educational process. Please use this Program of Studies as yet another resource to make your time at Highland a period of focus, planning, and growth. Continue to work with our School Counselors as you make your decisions.

Sincerely,

Dana W. Addis, Principal

Dana W. Addis, Principal
Carrie Knapp, Assistant Principal
John Deuber, Ed. D., Athletic Administrator/Assistant Principal

School Counselors
Craig Tasker Molly Pellerite Claudia Johnson James Addington

HIGHLAND HIGH SCHOOL PROGRAM OF STUDIES—2016-2017

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Highland High School is committed to equal opportunity for all and does not discriminate on the basis of race, color, religion, national origin, gender, age or disability

HIGHLAND HIGH SCHOOL GRADUATION REQUIREMENTS

In order to graduate from high school in Ohio, a student must have earned twenty-one (21) units of credit, which satisfy the minimum subject area requirements prescribed by law. It is the student's responsibility to see that requirements for graduation are met. The high school will make every effort to keep up-to-date records and inform the student and parents about the student's progress towards completion of graduation requirements.

Required Courses and Credits

Twenty-one (21) units of credit are required for graduation, including the following requirements:	
English	4 units (Speech, English 9, 10, 11 and an elective)
Social Science	3 units (Modern World History, American History, and Government/Economics)
Mathematics	4 units
Science	3 units (A Physical Science, Biology, and electives)
Visual or Performing Arts	1 unit (Art, Music or Theater)
Health and Physical Education	1 unit
World Language or Reading	1 unit

Career Technical Requirements

Twenty-one (21) units of credit are required for graduation, including the following requirements:	
English	4 units (Speech, English 9, 10, 11 and an elective)
Social Science	3 units (Modern World History, American History, and Government/Economics)
Mathematics	4 units
Science	3 units (A Physical Science, Biology, and electives)
Health and Physical Education	1 unit

Ohio's Options for a High School Diploma 2018—Beyond

New Pathways to a Diploma

Ohio's State Tests

Students **earn a cumulative passing score of 18 points**, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in math, four points in English and six points across science and social studies.

End-of-course exams are:

- Algebra I and Geometry
- Biology
- American History and American Government
- English 9 and English 10

Students studying Advanced Placement (AP) courses in Biology, American History or American Government may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course state exams.

Industry credential and workforce readiness

Students earn 12 points through a State Board of Education-approved, [industry-recognized credential or group of credentials](#) in a single career field and achieve a **workforce readiness score** on the **WorkKeys** assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

College admission 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 the exam free of charge.

Recommended College Preparatory Program for *SELECTIVE* Colleges and Universities:

College and university requirements vary by institution. Students are encouraged to explore specific requirements for colleges of interest.

- a. English: 4 units (with an emphasis on composition)
- b. Social Science: 4 units
- c. Mathematics: 4 units (at least one of which should be taken as a senior)
- d. Science: 4 units
- e. World Language: 3 units of one language
- f. Visual or Performing Arts: 1 unit

College Preparatory Course Sequence (Sample)

This series of courses stresses those subjects recommended for students planning to attend a college or university.

Grade 9

English 9
Modern World History
Math
Biology
World Language I
Art, Music or Theater
Physical Education/Speech

Grade 11

English 11
Social Studies Elective
Math
Chemistry or Physics
World Language III
Art, Music or Theater

Grade 10

English 10
American History
Math
Principles of Chemistry & Physics
World Language II
Art, Music or Theater
Physical Education/Health

Grade 12

English 12
American Government/Economics
Math
Physics or AP Science
World Language IV
Art, Music or Theater

Class Standing

A student must have: 4.75 units of credit for sophomore standing
 9.00 units of credit for junior standing
 15.00 units of credit for senior standing

Highland High School Common Curriculum Pathways

	English (4)	Social Studies (3)	Math (4)	Science* (3)	World Language (1)	Additional Coursework
9	English 9	Modern World	Algebra I Concepts Algebra I Geometry	Biology	World Language I	Fine Art Health
	Honors English 9	Honors Modern World	Honors Geometry Honors Algebra II	Honors Biology	World Language II	Physical Education (2 semesters required)
10	English 10	American History	Geometry Concepts Geometry/ Honors Algebra II Concepts	Principles of Chemistry and Physics Chemistry	World Language II	Physical Education
	Honors English 10	Honors American History AP US History	Algebra II Honors Algebra II Honors Precalculus	Honors Chemistry AP Biology	Honors World Language III	
	English 11	Government Economics	Algebra II Concepts Algebra II/Honors Precalculus	Physics Chemistry Environmental Science Anatomy/Physiology I and II	Conversational Spanish Honors World Language III	Elective
11	Honors English 11	AP Government	Honors Precalculus Calculus AB	Honors Chemistry Honors Physics	Honors World Language IV	
	AP Language AP Literature		College Math Statistics Precalculus/ Honors Calculus AP Calculus AB AP Statistics AP Calculus BC	Biotechnology AP Chemistry AP Biology AP Physics	Honors World Language IV AP Spanish AP French AP Chinese	Elective
	English 12	Social Studies Electives: Psychology Sociology Current Issues Entrepreneurship History Via Sports World History I/ II				Elective
12	British Literature AP Language AP Literature					

* 11th and 12th grade course offerings are the same, depending on prerequisites

Additional Courses for Honor's Diploma
 College Prep
 Honors Level

MEDINA COUNTY CAREER CENTER

Highland High School juniors and seniors have the opportunity to attend the Medina County Career Center, which offers over 25 career technical majors along with a wide variety of academics and electives, including college prep, post-secondary option, and dual credit courses.

Students who intend to enroll at the Career Center must have completed two years of high school and should plan ahead to be sure they are earning all necessary credits required for graduation and/or college entrance.

Through the combination of career technical education, advanced academics and industry-based certifications, students leave the Career Center with the skills they need to pursue a career and/or further their education at the university level. Students will receive their Diploma from Highland High School and a Career Technical Certificate from the Career Center.

Busing to and from the Career Center is provided by the Highland Local School District and is subject to the same rules that govern busing for high school students in the district. Students take part in all Highland activities, and are eligible for all honors, scholarships and benefits.

Arts & Media Communication Majors

- Visual Media Imaging
 - Digital Design
 - Graphic Arts
 - Video Production

Information Technology Majors

- IT Academy
 - Business & Marketing Technology
 - Computer Science & Forensics
 - Software Engineering & Web Development

Transportation Majors

- Automotive Collision Technology
- Automotive Technology
- Commercial Truck & Equipment Technology
- Power Equipment Technology

Design & Manufacturing Majors

- Engineering Technologies & Design
- Precision Machining Technology

Construction & Outdoor Sciences Majors

- Construction Trades
- Heating, Ventilation & Air Conditioning (HVAC)
- Horticultural Science & Design

Health, Safety & Wellness Majors

- Animal Management & Care
- Chef & Restaurant Management
- Cosmetology
- Diversified Medical Technologies
- Early Childhood Education
- Optical Technology
- Public Safety
- Sports Medicine & Exercise Science
- Teacher Education Academy

Non Recruitment Programming

- ½ day option only**
 - Culinary Arts & Textile Services
(by associate school referral)
 - Career Exploration Program
(by associate school referral)

ACADEMIC OFFERINGS

In addition to the technical programs offered at the Career Center, the following academic credits are available in each Career Major:

ENGLISH

English III (1 credit)
English IV (1 credit)
English III for the Advanced Student (1 credit)
English IV for the Advanced Student (1 credit)
College Credit Plus College Composition I & II
(1 English credit) (6 hours college English credits)
College Credit Plus Introduction to Poetry (1 credit)
Deadline (.5 credit)
Speech (.5 credit)
English: Books to Big Screen (.5 credit)

MATHEMATICS

Algebra II Academic (1 credit) (college credit available)
Algebra II (1 credit) (college credit possible)
Functions, Statistics & Trigonometry (1 credit)
Pre-Calculus (1 credit)
Calculus (1 credit)
Math Analysis (1 credit—Seniors Only)

SCIENCE

Environmental Science (1 credit)
Physics (1 credit)
Chemistry (1 credit)
Physics of Digital Electronics (1 credit—Seniors Only)
Anatomy and Physiology (1 credit)
Health Bio-Chemistry (.5 credit)

SOCIAL STUDIES

American Government (.5 credit)
College Credit Plus American National Government
(.5 American Government credit)
College Credit Plus Comparative Politics (1 credit)
Economics (.5 credit)
American Sociology (.5 credit)
Psychology (.5 credit)
Comprehensive Government (1 credit)

ELECTIVES

Personal/Professional Financial Plan (.5 credit)
Transitions: College and Career (.5 credit)
Spanish I, II, III, IV, V (1 credit)

***Course offerings are subject to change based on enrollment and course availability.**

For detailed program information and course descriptions, contact the Admissions Office for a course catalog:

Sherry Koenig, Admissions Coordinator 330-725-8461, ext. 313
SKoenig@mcjvs.edu 330-721-0213

Career Technical Preparatory Course Sequence

English 9	English 10
Speech	American History
Modern World History	Geometry
Algebra I	Principles of Chemistry & Physics
Biology	Physical Education
Physical Education	Health
Consumer Economics or Computer	Consumer Economics or Computer

Both the Ohio Department of Education and the National Collegiate Athletic Association (NCAA) approved Medina County Career Center technical and academic courses for athletic eligibility status.

Accreditation The National Collegiate Athletic Association (NCAA) approved Medina County Career Center (MCCC) technical and academic courses for athletic eligibility status. Many MCCC programs offer industry certifications that meet criteria for the industry credential and workforce readiness option for earning an Ohio high school diploma. The MCCC is committed to equal opportunity for all and does not discriminate on the basis of race, color, national origin, religion, sex, disability or age in its programs and activities, and provides equal access to the Boy Scouts and other designated youth groups.

High School Academic Diploma with Honors – Students need to fulfill 7 of the 8 following criteria.

Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including physics and chemistry
Social Studies	4 units
Foreign Language	3 units (must include no less than 2 units for which credit is sought) i.e., 3 units of one language or 2 units each of two languages
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections) ♦	27 ACT / 1210 SAT

Career-Technical Diploma with Honors – Students need to fulfill 7 of the 8 following criteria.

Subject	Criteria
English	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four year sequence of courses that contain equivalent content
Science	4 units, including physics and chemistry
Social Studies	4 units
Career-Technical	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.
GPA	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections) ♦	27 ACT / 1210 SAT
Additional Assessment	Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent.

♦Writing sections of either standardized test should not be included in the calculation of this score.

Diploma with Honors requirements pre-suppose 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

■SB 311 allows school districts to adopt a policy exempting students who participate in athletics, marching band or cheerleading for two full seasons from the physical education requirement.

CURRICULUM RELATED AWARDS

President's Award for Educational Excellence

1. Earn 3.5 GPA OR have a class rank in the top 10%.
2. Score at the 85thtile or better in math and reading on ACT or SAT.

GENERAL INFORMATION

Scheduling Policy

Schedule changes often create unnecessary problems for the individual student, faculty and class size. In consultation with school counselors, it is recommended that a student thoroughly plan a high school course of study by selecting electives which are in the area the student wishes to pursue.

The final master schedule is constructed based on course requests. This is a lengthy process that is typically finalized at the end of the current school year. As of the last day of school, all course requests are considered final. Scheduling services may be available on a limited basis during the summer.

- A. When school reopens in the fall, class schedules may be adjusted for procedural errors such as:
 1. direct conflict of two classes scheduled during the same period;
 2. failure of a course that is required for graduation or as a prerequisite for another course;
 3. omission of a required course from a student's original selection form;
 4. completion of a course in summer school;
 5. major change in a student's career plans;
 6. addition of a course to meet eligibility guidelines; or
 7. request for additional course if possible.
- B. Students who are *FAILING an elective course* at mid-term of a given grading period may request a schedule change. A conference will be held to review student progress to include teacher input and parent concerns for counselor or administrative approval. A withdrawal *WD* will be reflected on the student's final transcript.
- C. Schedule change requests based on teaching personnel or preference will not be honored.

Physical Education Exemption Requirements

Unless prohibited under pending legislation, students who participate for two full seasons in interscholastic athletics, band or cheerleading may be exempt from the physical education requirement. All students are required to complete 21 credits to graduate.

Each coach will submit to the athletic administrator an official roster of the team as of the last contest or event of the team. That document will determine those students who are eligible to receive credit for participation. For example, if a student quits the team or becomes academically ineligible to participate before the last game of the season, that student does not qualify to use that season for the exemption.

Upon the successful completion of two seasons required for the exemption, students will submit a form to the athletic department stating the dates of the two official seasons of eligibility. Those dates will be checked and certified against the official records in the athletic department and forwarded to the guidance department. At that time, the student will be recorded as having met his/her physical education requirement. **Students will take physical education courses in accordance with graduation requirements unless the exemption documentation is completed, received and approved by the seventh semester.**

No student is guaranteed a position on any athletic team for the purposes of the exemption. It is the responsibility of students to make the team. For example, a senior with one season of exemption credit decides he would like to play football in the fall to complete his exemption in the seventh semester. He does not make the team. That senior will not have the opportunity to complete the exemption; therefore, he will be expected to enroll in and pass two physical education courses his senior year to qualify for graduation.

Highland High School Grading Scale beginning with 2012-2013 school year

(Please note: quality points earned for previous grades will remain intact.)

Quality Points Earned

<u>% Earned</u>	<u>Grade</u>	<u>College Prep</u>	<u>Honors</u>	<u>Advanced Placement</u>
98 - 100	A+	4.3	4.8	5.3
93 - 97	A	4.0	4.5	5.0
90 - 92	A-	3.7	4.2	4.7
87 - 89	B+	3.3	3.8	4.3
83 - 86	B	3.0	3.5	4.0
80 - 82	B-	2.7	3.2	3.7
77 - 79	C+	2.3	2.8	3.3
73 - 76	C	2.0	2.5	3.0
70 - 72	C-	1.7	2.2	2.7
67 - 69	D+	1.3	1.3	1.3
63 - 66	D	1.0	1.0	1.0
60 - 62	D-	.7	.7	.7
0 - 59	F	.0	.0	.0

Courses with Weighted Grades

Effective with the 2012-2013 school year: Honors and World Language III & IV grades of C- and above are weighted with an additional .5 point; Advanced Placement courses are weighted with an additional 1 point.

Additional .5 Point Weight:

- Honors English 9, 10, 11 & 12
- Chinese III & IV
- French III & IV
- Latin III & IV
- Spanish III & IV
- Honors Geometry
- Honors Algebra II
- Honors Pre-Calculus
- Honors Biology
- Honors Chemistry
- Honors Physics
- Honors Modern World History
- Honors American History

Additional 1 Point Weight:

- AP English Literature & Comp.
- AP English Language & Comp.
- AP Chinese Language & Culture
- AP French Language & Culture
- AP Spanish Language
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Biology
- AP Chemistry
- AP Physics C
- AP American History
- AP US Government & Politics
- AP Art History
- AP Studio Art
- AP Music Theory

Prior to the 2012-2013 school year; Honors, World Language III & IV, and Advanced Placement courses were weighted with an additional 1 point.

Honors Level Courses

Honors level courses are taught at an accelerated pace for the attainment of a greater depth of understanding than that offered by traditional coursework. The decision to enroll in an honors class should not be taken lightly nor should the academic rigor of honors courses be underestimated. In order to be successful, students must work diligently and be prepared for a large workload outside of class.

Students who withdraw from an honors class into a traditional class require permission of the counselor or principal. Students will not receive a weighted grade upon transfer of records regardless of the time spent in the honors class. The current numeric percentage grade will be transferred.

Advanced Placement Courses

Advanced Placement is a program in which high school students may complete college-level studies while they are still in secondary school. These are challenging courses that require more work, give greater opportunity for individual progress and accomplishments, and go into greater depth than the comparable high school course. The student must be one who is willing to devote more time to the research of facts and the techniques of writing.

Students enrolled in Advanced Placement courses are expected to take the Advanced Placement Examinations in May. Each exam is approximately three hours in length. Final grades based on the student's entire examination of free response and multiple choice questions are reported on a five point scale: 5 - extremely qualified; 4 - well qualified; 3 - qualified; 2 - possibly qualified; and 1 - no recommendation. Participating colleges normally grant credit for a 3 or higher. Examination fee is approximately \$92.

Beginning in the 2014-2015 school year, students who take the College Board's Advanced Placement subject test(s) will receive a 1-point AP weighted grade on the final high school transcript. Students who decline to take the College Board's Advanced Placement subject test(s) will receive a .5 Honors weighted grade on the final high school transcript.

SPECIAL PROGRAMS

Coursework Prior to Ninth Grade

Courses completed at Highland Middle School prior to grade nine are applied toward graduation credit if the course is taught by a teacher holding a license valid for teaching high school and is designated by the Board as meeting the high school curriculum requirements. The letter grade received will appear on the middle school report card and the high school transcript. The grade will not be calculated into the high school grade point average.

Board Approved courses include: Health (semester course), Algebra I, Geometry, French I, Spanish I, and Chinese I.

Summer School

Students may wish to attend summer school for make-up or additional course work. The high school principal or counselor must give written approval before summer school credit can be accepted. Summer school classes may be taken on-line through the Medina County Education Service Center or at neighboring high schools. Summer school brochures are available in early May from the Guidance Office. Students should schedule a conference with a counselor if they are interested in enrolling or have any questions.

Credit Flexibility Plan

Ohio Senate Bill 311 allows alternate pathways for students who are eligible to receive high school credit through the use of a Credit Flexibility Plans (CFP). Ohio students are now able to earn high school credit in three ways, or in a combination of these ways by:

1. completing traditional coursework,
2. testing out or otherwise demonstrating achievement of the course content, or
3. pursuing one or more “educational options” (e.g., online courses, independent study, an internship, or post-secondary educational options).

Note: The College Board requires that an AP class must be taken through an approved course to be reported as completion of an AP course on a high school transcript.

Ohio’s plan for credit flexibility is designed to broaden the scope of curricular options available to students, increase the depth of study available for a particular subject and tailor the learning time or conditions needed (to shorten or lengthen the time necessary to complete a high school diploma and/or postsecondary degree). In these ways, students can customize aspects of their learning around more of their interests and needs, and take advantage of unique educational opportunities.

The opportunity to take advantage of this program is just that, an opportunity, to gain knowledge and skills outside of the traditional school setting and one that is generated on the part of an individual student. Students approved for an off-campus CFP are required to adhere to the Highland Student Code of Conduct. Highland Local Schools are not responsible for developing a Credit Flexibility plan for a student or for the cost incurred by a student’s participation in a CFP.

A student considering a CFP should discuss the possibility with their school counselor early in the process. It is expected that the application will be thoroughly and thoughtfully researched. A completed application (available on the school website) must be submitted for approval by May 1 to be considered for the following academic school year and November 1 for the second semester of the academic year.

Transfer Students

Students who are new to Highland High School must meet the graduation requirements of the class with which they are graduating. New juniors and seniors do not need to take the local course work (i.e. Speech) required for freshmen and sophomores, but do need to meet local credit requirements.

Late Arrival/Early Release

Late Arrival and/or Early Release privileges may be extended to seniors for work-related purposes. Students must carry the minimum course load per board policy. Late Arrival and/or Early Release is part of the scheduling process.

Early Graduation

A student who is interested in completing graduation requirements early (at the end of the sixth or seventh high school semester) **MUST** complete an Application for Early Graduation and attend a conference with parents or guardians, a counselor, and the principal before the end of the student’s second year of high school. Applications and additional information are available in the Guidance Office.

CAREER CONNECTIONS PLAN

The Individual Career Connections Plan is a set of planning documents initiated by the student with input from parents, teachers, and counselors. It includes a student's tentative career goal and educational plans. Guidance and classroom activities to support the Career Connections Plan include initiation of a career plan in 8th grade; PSAT 8/9 test in 9th grade; PSAT test in 10th grade; Career Center visits in 8th and 10th grades; a career choice paper in 10th grade; PSAT test in 11th grade; resume writing in 11th grade; a College Fair field trip in 11th grade; College Visitation Day in 12th grade; and senior interview in 12th grade. The web-based Naviance Program is also available to students in grades 9-12 to assist in college and career interest exploration. Ohio Means Jobs, a no-cost, online career planning tool, helps students discover career interests, explore future job options, build a future budget, create a resume and more. The Guidance Office also assists students with setting up college visitation and career shadowing experiences.

COLLEGE CREDIT PLUS

College Credit Plus (CCP) replaces Ohio's Post-Secondary Enrollment Options program (PSEO) and all alternative dual enrollment programs previously governed by Ohio Revised Code Chapter 3365. Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus.

CCP will be operational in the 2016-2017 school year.

To be eligible, the student must meet the admission standards of the participating college or university to which they apply for enrollment.

The student must be enrolled in both college and high school.

The student will earn transcribed college and high school credit upon successful completion of the course.

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

Highland High School will hold an annual informational event for students and parents with each CCP program partner.

15/30 College Credit Plus Pathways (Sample)

The Pathways listed are designed to be flexible. Students are able to select/change courses in consultation with their high school counselor and college advisor. Course enrollment is based upon placement, preference, academic goals, high school graduation requirements, and course availability.

The University of Akron Sample College Credit Plus 15 / 30 Plan

15 Credit Plan

Course Number	Course Name	College Credits	Ohio Transfer Module	High School Requirement
3300:111	English Composition I	3	Yes	English
3300:112	English Composition II	3	Yes	English
3750:100	Introduction to Psychology	3	Yes	Social Studies Elective
3700:100	Government & Politics in the US	4	Yes	Social Studies
3250:100	Introduction to Economics	3	Yes	Social Studies/Financial Literacy
TOTAL		16		

30 Credit Plan

Course Number	Course Name	College Credits	Ohio Transfer Module	High School Requirement
3300:111	English Composition I	3	Yes	English
3300:112	English Composition II	3	Yes	English
3750:100	Introduction to Psychology	3	Yes	Social Studies Elective
3700:100	Government & Politics in the US	4	Yes	Social Studies
3250:100	Introduction to Economics	3	Yes	Social Studies/Financial Literacy
7600:105	Introduction to Public Speaking	3	Yes	English or Elective
3300:250	Classic & Contemporary Literature*	3	Yes	English
3300:252	Shakespeare & His World*	3	Yes	English
3470:260	Basic Statistics	3	Yes	Math
7500:201	Exploring Music: Bach to Rock	3	Yes	Fine Arts Elective
TOTAL		31		

*These courses fulfill the General Education Humanities requirement at The University of Akron, and only one of the two courses is required.

For more information on the College Credit Plus Program at The University of Akron, visit:
www.uakron.edu/ccp

Cuyahoga Community College Sample College Credit Plus 15 / 30 Plan

15 Credit Plan Associate of Arts / Baccalaureate Transfer Pathway

Course Number	Course Name	Credit Hours	TAG Course?	High School Requirement
ENG 1010	College Composition	3	Yes	English
HIST 1010	History of Civilization I	3	Yes	Social Studies
MATH 1250	Contemporary Math	4	No	Math
PHIL 101	Intro to Philosophy	3	Yes	Elective
PSY 1010	General Psychology	3	Yes	Social Studies
TOTAL		16		

30 Credit Plan Associate of Arts / Baccalaureate Transfer Pathway

Course Number	Course Name	Credit Hours	TAG Course?	High School Requirement
ENG 1020	College Composition II	3	Yes	English
HIST 1020	History of Civilization II	3	Yes	Social Studies
SPCH 1010	Fund of Speech Comm.	3	Yes	English
SOC 1010	Introductory Sociology	3	Yes	Social Studies
	Laboratory Science	4	Depends on course	Science
TOTAL		16		

15 Credit Plan Associate of Science / Baccalaureate Transfer Pathway

Course Number	Course Name	Credit Hours	TAG Course?	High School Requirement
ENG 1010	College Composition I	3	Yes	English
CHEM 1300	General Chemistry I	4	Yes	Science
CHEM 130	General Chemistry Lab I	1	Yes	Science
MATH 1610	Calculus I	5	Yes	Math
PSY 1010	General Psychology	3	Yes	Social Studies
TOTAL		16		

30 Credit Plan Associate of Science / Baccalaureate Transfer Pathway

Course Number	Course Name	Credit Hours	TAG Course?	High School Requirement
ENG 1020	College Composition II	3	Yes	English
CHEM 1310	General Chemistry II	4	Yes	Science
CHEM 131L	General Chemistry Lab II	1	Yes	Science
MATH 1620	Calculus II	5	Yes	Math
PHIL 1010	Intro to Philosophy	3	Yes	Elective
TOTAL		16		

Cuyahoga Community College also has pathways in:

Business Transfer Creative Arts
Pre-engineering Hospitality Management

To find out more about how College Credit Plus can work in your school, contact Tim Dorsey, Director, Recruitment and Enrollment Management at 216-987-3128 or timothy.dorsey@tri-c.edu.

For more information, visit: https://www.ohiohighered.org/college_credit_plus

ATHLETIC ELIGIBILITY—HIGH SCHOOL

Incoming Freshmen: To be eligible, a student-athlete must be currently enrolled in a member school and have received passing grades in a minimum of five of all subjects in which enrolled the immediately preceding grading period.

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 – a minimum of five .5 credits per semester) with a grade point average of 1.5 or above in the immediately preceding grading period. (**Note:** Students taking post-secondary options must comply with these standards). Please refer to the Student/Parent Handbook for further details regarding Athletic/Co-curricular Eligibility.

Eligibility for each grading period is determined by grades received the preceding grading period. **Semester and yearly grades have no effect on eligibility.**

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 enough courses taken the preceding grading period.

ATHLETIC ELIGIBILITY—COLLEGE BOUND ATHLETES

All prospective student-athletes who want to play NCAA Division I or II intercollegiate athletics must adhere to NCAA Eligibility Requirements. Students and parents should become familiar with the NCAA Guide for College-Bound Student Athlete available online at the NCAA website or from the athletic director. Be sure to ask your coach, athletic director or counselor about these requirements or contact the NCAA national office at www.ncaa.org. At the end of their junior year, all prospective student athletes should register with the NCAA Initial Eligibility Clearinghouse. Prospective NCAA student athletes who wish to take an “official visit” at a Division I institution must be registered with the NCAA Clearinghouse and have either an ACT or SAT test score posted. Be sure to have the ACT/SAT send scores to the NCAA Clearinghouse by coding 9999 on the application.

NCAA Approved Courses offered at Highland High School:

English:	Math:	Science:	World Language:	Social Studies:
English 9, 10 & 11	Algebra I	Principles of	French I, II, III & IV	Modern World History
Honors English 9 & 10	Geometry	Chemistry & Physics	AP French Language	Honors Modern
Honors English 11	Honors Geometry	Biology	Latin I, II, III & IV	World History
English12/Read/Comp	Algebra II	Honors Biology	Chinese I, II, III & IV	American History
Honors Eng. 12 British Literature	Honors Algebra II	AP Biology	AP Chinese Language	Honors American
AP Language & Composition	Statistics	Environmental Science	Spanish I, II, III & IV	History
AP Literature & Composition	AP Statistics	Anatomy & Physiology I & II	AP Spanish Language	AP American History
Speech I & II	Pre-Calculus	Chemistry		World History I
Creative Writing	Honors Pre-Calculus	Honors Chemistry		World History II
	Calculus	Biotechnology		Economics
	AP Calculus AB & BC	AP Chemistry		American Government
		Physics		AP US Gov't. & Politics
		Honors Physics		Current Issues
		AP Physics C		Sociology
				Psychology
				History of Sports

NCAA Denied Courses offered at Highland High School

Cinematic Literature	Establishing Entrepreneurship	Algebra II Concepts
Reading Development	Conversational Spanish	College Math
Theater Drama	Algebra I Concepts	Computer Programming I & II
Theater Drama II	Geometry Concepts	Yearbook

PLANNING FOR TESTING

October	PSAT 8/9	The PSAT 8/9 serves as the foundation for understanding students' progress as they enter high school. An early indicator of college readiness that is aligned with the SAT, PSAT/NMSQT, and PSAT 10, the PSAT 8/9 will provide detailed performance feedback.
October	PSAT	A preliminary SAT for sophomores and juniors. To qualify for a National Merit Scholarship students must take the PSAT in their junior year. This test is administered to all sophomores, and the fee is paid for by the school district. The PSAT is an optional test for juniors, and the fee is paid for by the student.*
Dec.—April	OCBA	Ohio Computer Based Assessment. These computer-based 9-12 assessments are in Language Arts, Mathematics, Science and Social Studies. The OCBA assessments are part of the graduation requirements for the class of 2018 and beyond.
May	AP Tests	Advanced Placement Tests taken by all students enrolled in AP courses. Registration and fee required—approximately \$92.

*Highland High School is providing testing information based upon current knowledge obtained from the Ohio Department of Education. Please note that legislation is currently pending regarding testing requirements. Highland High School will make every effort to keep families informed of future changes affecting these requirements.

Note: The ACT College Entrance Exam is offered at Highland High School on national test dates. Online or mail-in registration is required. In addition, both the ACT and SAT College Entrance Exams may be taken at several area high schools and colleges on national test dates. Application packets are available in the guidance office or students can register online at www.act.org or www.collegeboard.com. Highland School Code is **363355**.

COURSE OFFERINGS

A minimum enrollment of twelve (12) students is desired for all course offerings. The principal, with consideration of other factors, has the discretion of canceling courses that fall below the desired minimum enrollment.

ENGLISH-LANGUAGE ARTS

English 9 1 unit 36 wks. Course Fee

Prerequisite: Summer Reading is required.

Open to Grade: 9

This course emphasizes composition, grammar and literature. The fundamentals of the paragraph are reinforced, and these skills are applied to a variety of assignments. Basic grammar skills used in writing and speaking are stressed. In literature, students study the novel, the short story, drama, poetry and non-fiction. Students have an opportunity to read material assigned and then to write their personal views based on the reading. Library research is included in this course. Students are also encouraged to develop and maintain a practical system for personal organization of class materials.

Honors English 9* 1 unit 36 wks. Course Fee

Prerequisite: All students enrolled in honors level classes are expected to maintain at least a *B* average in these classes. Summer Reading is required.

Open to Grade: 9

Each student will be expected to do an outside/independent literature assignment each grading period. Specific works of literature will be assigned to the class as part of the independent reading requirement. Each student is expected to complete daily assignments incorporating grammar, writing, and literature topics. Students accepted into this class must have a strong work ethic. *Weighted grading scale is used.

Speech I .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9–12

This communications course deals with public speaking, group interaction, and research skills. Students study the process of producing speech sounds, as well as the different methods of public speaking. Organization of materials and library research skills are stressed. Passing this course is a requirement for graduation.

Speech II .5 unit 18 wks.

Prerequisite: Speech I or teacher recommendation

Open to Grade: 9–12

This course is an advanced study of Speech with emphasis on public speaking, debate, oral interpretation and mass media. Students will be required to log five off-campus hours either participating in public speaking or viewing public speeches.

Language Arts through Humanities .5 unit 18 wks.
Prerequisite: Gifted Identification and approval by the Coordinator of Gifted Services

Open to Grade: 10

Students will embark on an exploration of Western and Eastern Philosophies to expand their knowledge and viewpoints on various topics. Students will be expected to use higher level thinking skills to critically analyze these topics. Students will present their opinions through structured class discussions, oral arguments, and persuasive writing and speaking activities.

English 10 1 unit 36 wks. Course Fee

Prerequisite: English 9, Summer Reading is required.

Open to Grade: 10

This course not only re-emphasizes the fundamentals of grammar, composition and foundations of literature learned in the ninth grade, but also explores “real world” applications of communication skills. Development of the paragraph and writing style are studied and applied to a variety of situations including movies and class discussions. Students survey world literature and express in writing personal ideas about what is read.

Honors English 10* 1 unit 36 wks. Course Fee

Prerequisite: All students enrolled in honors level classes are expected to maintain at least a *B* average in these classes. Summer Reading is required.

Open to Grade: 10

This course is for the college-bound student who desires to refine and perfect reading, writing and analysis skills through a challenging and satisfying course. Grammar is reviewed extensively. A summer reading list is required, as well as oral book reports. Frequent essay assignments are given in which students explore and analyze personal experience and course content. Accelerated vocabulary lessons may be assigned weekly.

*Weighted grading scale is used.

English 11 1 unit 36 wks. Course Fee

Prerequisite: English 10, Summer Reading is required.

Open to Grade: 11

This is a survey course of American literature from colonial times to the present. In part, the course is correlated with the required American History course.

Honors English 11* 1 unit 36 wks. Course Fee

Prerequisite: Honors English 10, Summer Reading is required.

Open to Grade: 11

This is a survey course of American literature from colonial times to the present. The course is geared to the college-bound student. Course content will include grammar review, intensive vocabulary study, extensive reading from primary sources and the textbook and periodic formal and informal writing assignments. Summer reading is required. *Weighted grading scale used.

AP English Language and Composition* 1 unit 36 wks. Course Fee
Prerequisite: *B* Average in Honors English 10 or Honors English 11; teacher recommendation. A placement test may be administered. Summer reading is required.

Open to Grade: 11 & 12

This course will focus on the requirements established by the College Board's Advanced Placement Program teaching students to read primary and secondary source material, synthesize material from these texts in their own compositions, and cite source material using recommended conventions. This course is geared to the self-motivated student who desires a greater understanding of literature. Extensive writing practice is provided to prepare students to take the AP Language and Composition test given in May. AP Test fee is approximately \$92. *Weighted grading scale used.

English 12 (British Literature: Reading & Composition) 1 unit 36 wks. Course Fee
Prerequisite: English 11, Summer Reading is required.

Open to Grade: 12

This is a survey course of British literature from Anglo-Saxon times to the 20th Century, with a strong focus on reading and writing skills needed for college and the work world.

Honors English 12 (British Literature)* 1 unit 36 wks. Course Fee
Prerequisite: Honors/AP English 11 or teacher recommendation. Summer Reading is required.

Open to Grade: 12

This course will cover British literature and history from 55BC through the 20th century. The textbook is supplemented with considerable outside reading. *Weighted grading scale used.

AP English Literature and Composition* 1 unit 36 wks. Course Fee
Prerequisite: *B* Average in Honors English 10 or Honors English 11 or AP English 11; teacher recommendation. A placement test may be administered. Summer reading is required.

Open to Grade: 11 & 12

The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Grading for this freshman college-level course is based on vocabulary tests, writings related to the readings, AP-style multiple choice/essay tests and various projects. All advance-notice papers are required to be typed. Students enrolled in this course are expected to take the AP Literature and Composition test given in May. AP Test fee is approximately \$92. *Weighted grading scale used.

Cinematic Literature .5 unit 18 wks.
Prerequisite: English 11

Open to Grade: 12

This is a survey course of "Literature Goes to the Movies." Included are great world writings that have been used and misused by Hollywood; history of the cinema and the stars; comparison of literary works and their portrayal by Hollywood producers. A study of accuracy in theme, character and plot will present the student with an opportunity to become a more discerning movie viewer. Emphasis is placed on weekly student-written reviews and analyses of books and films. A final project accompanied by a written paper is required.

Creative Writing

.5 unit

18 wks.

Prerequisite: English 9 and 10

Open to Grade: 11 & 12

Creative writing is designed to give students interested in writing an opportunity to express themselves in several areas of creative composition: short stories, poems, plays and essays. Students must have a basic knowledge of spelling and grammar usage. A portfolio is required as the final exam.

Reading Development

1 unit

36 wks.

Prerequisite: Student must demonstrate developmental reading is needed.

Open to Grade: 9–12

This course will assist students who need to improve their overall reading skills. Emphasis will be placed on individual needs, and assignments will reflect individual reading level. Topics covered may include reading comprehension, speed and analysis. Group work and class reading assignments are included. Students may also be required to read and report on a number of books at their own speed.

Theater/Drama I

.5 unit

18 wks.

This course may be repeated as an art or elective English credit.

Open to Grade: 9–12

This course is an introduction to theater arts. The student is required to read and analyze many full-length plays from a teacher selected list of authors, as well as to write character studies, keep a performance journal, attend at least 2 amateur plays and 1 professional play in the course of the 18 weeks. This class is for the performer and the technical and/or business student who also wants to work behind the footlights. Students will be required to perform in front of the class, participate in movement, study character development and learn the vocabulary of performance and/or production. Students in this class will be expected to work on or perform in the fall play.

Theater/Drama II

.5 unit

18 wks.

Prerequisite: Experience and/or Theater I and Instructor approval

This course can be taken as an English or art credit.

Open to Grade: 9–12

This course is an advanced introduction to theater arts, which will involve field trips and guest speakers. The student is required to read and analyze many full-length plays by world authors. The student will devise his/her own independent project in his/her area of interest, which includes but is not limited to: performance, production, technology, special effects, and fundraising. Students will be required to perform in front of the class, participate in specialized stage movement (dance and/or combat), study character through emphasis on human behavior and psychology and develop personal awareness of their own body and how it interacts within an artistic environment.

Yearbook

1 unit

36 wks.

Prerequisite: 3.0 overall GPA, Yearbook Advisor's approval and recommendation from three teachers

Open to Grade: 10–12

This course offers a unique opportunity for students to develop, produce and market a project – the school's yearbook. Students gain hands-on experience in basic photo-journalistic design and layout, photography, photo selection and preparation, copy-writing, advertising and marketing. Students become responsible for every phase of the production process, from selecting a theme and design, to producing copy and layouts, soliciting advertising, selling the book, and finally, distributing the final product. Yearbook applicants must be creative, responsible, and willing to learn computer-aided production processes.

FINE ARTS

Instrumental Music

Marching Band 1.25 unit 38+ wks.

Prerequisite: Participation in 8th grade Band or Director's Approval

Open to Grade: 9–12

Marching Band: The *Pride of Highland* is a show-style marching band with an emphasis on contemporary music. Performances include band shows, football games, pep rallies, and various civic functions. This class includes two weeks of summer rehearsals in August before school begins. The Marching Band rehearses for one full period during each school day and twice each week after school. At the conclusion of marching band, students audition for placement in one of three concert bands.

Wind Ensemble: This select band focuses on advanced band literature of varying musical styles and periods. Evening concerts are required. Private lessons are highly recommended.

Concert Band: This select band focuses on medium advanced band literature of varying musical styles and periods. Evening concerts are required. Private lessons are recommended.

Varsity Band: A large ensemble for students who prefer to perform popular styles of instrumental music literature including marches, overtures, Broadway show tunes, movie and television themes, and other program music suited to the ability of the students. Instruction is directed toward reinforcement of essential musical concepts and mastery of performance skills for eventual advancement to the Concert Band or Wind Ensemble.

Band 1 unit 36 wks.

Prerequisite: Director's Approval

Open to Grade: 9–12

This is an alternative course limited to those instrumental students who can not perform in the marching band for one of three reasons:

1. Fall Athlete (although fall athletes may choose this option, they are permitted to enroll in 7200: Band).
2. Medical Reason (doctor's excuse required).
3. Request for consideration of other extenuating circumstance which precludes a student's ability to participate. Reasons will be considered on an individual basis. Parents must submit the reason(s) in writing. All requests will be approved or disapproved by the band director.

Students rehearse for one full period during the school day during the marching season then audition for one of the three concert bands.

Camerata Orchestra 1 unit 36 wks.

Prerequisite: Ability to read music and previous experience on bowed string instrument or director permission. No audition required.

Open to Grade: 9–12

String Orchestra that will perform a variety of musical styles and genres.

Sinfonia Orchestra 1 unit 36 wks.

Prerequisite: Ability to read music, previous experience on bowed string instrument, successful placement audition demonstrating ability to play in multiple positions with good tone quality and facility. Director permission needed. Audition required.

Open to Grade: 9–12

String Orchestra that will perform a more challenging variety of music styles and genres.

Vocal Music

Mixed Chorus

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9–12

Music of many styles, such as Baroque, Classical, Romantic, Contemporary, and Seasonal are taught. Music fundamentals such as note reading, key signatures, and rhythmic notations as well as vocal techniques are also taught. Outside performances and contests are a required and integral part of this course. This is the beginning level mixed choir and the largest of the choirs.

Concert Choir

1 unit

36 wks.

Prerequisite: Audition at the end of the previous school year and Director's Approval.

Open to Grade: 9–12

This is the intermediate level mixed choir of the high school. Emphasis on pitch and intonation, accuracy and independence, and music literature of varied styles and time periods. Outside performances and contests are a required and integral part of this course.

Chorale

1 unit

36 wks.

Prerequisite: Audition at the end of the previous school year and Director's Approval.

Open to Grade: 10–12

This is a select choir of up to 50 voices. Music from 4-part to 8-part textures are taught. Emphasis is placed on more difficult literature especially involving other languages, dissonant harmonies, rhythmic complexity, and vocal independence. Outside performances and contests are a required and integral part of this course.

Vocal Jazz

.5 unit

36 wks.

Prerequisite: Audition and Director's Approval.

Open to Grade: 9–12

Vocalists must be enrolled in another Highland High School Choir. The Added Attraction is a Vocal Jazz ensemble of 12 singers. The group performs jazz tunes and jazz arrangements. Rehearsals are held outside of the school day. Public performances are a required component of the program.

Women's Chorale

1 unit

36 wks.

Prerequisite: Audition and Director's Approval.

Open to Grade: 9–12

Women's Chorale is a select choir which focuses on 3 and 4-part music for treble voices only. Songs of many styles, such as sacred, jazz, swing, baroque, classical, and seasonal are taught. Outside performances, as well as school-sponsored concerts, contests, and festivals are a required and integral part of this course. The offering of this course will be based on an annual review of available students.

AP Music Theory*

1 Unit

36 wks.

Prerequisite: Must display ability to read music or have recommendation from high school band, orchestra, or choir director.

Open to Grade: 9–12

An intensive year-long class with the prerequisites of being able to read music in at least one clef including notes, rests, accidentals, and meter. Course work includes learning to notate as well as recognize aurally and visually the following: Key signatures, chord tonalities, chord inversions, figured bass, chord progressions, seventh chords, secondary dominants, modulation, phrase structure, form, cadence, non-harmonic tones, motivic devices, and the major, minor, and medieval modes. Students are expected to compose, sight sing, and notate music on a daily basis as well as analyze many musical examples. Students are expected to take the AP Music Theory Exam. AP Test fee is approximately \$92. *Weighted grading scale used.

Visual Art

<u>Foundations of Art</u> Prerequisite: None Open to Grade: 9–12 Foundations of Art is an introductory course that focuses on building skills, knowledge and creative thinking. Students will gain experience and a better understanding of art and artists through art history, art criticism and studio production. This class is required for entry into other art courses at Highland High School.	1 unit	36 wks.	Course Fee
<u>Ceramics I</u> Prerequisite: Foundations of Art Open to Grade: 10–12 Ceramics I is an introduction to the three hand-building techniques of clay. From simple to elaborate forms, students will express themselves through the medium of clay. The science of clay will be studied. Various ceramic artists, clay bodies and glazing techniques will be explored.	.5 unit	18 wks.	Course Fee
<u>Ceramics II – Sculpture</u> Prerequisite: Ceramics I Open to Grade: 10–12 Ceramics II builds on the knowledge and experience gained in Ceramics I. The focus is on creating sculptural art in a variety of mediums including; clay, wire, paper-mache and stone-carving. Students will be exposed to the potter’s wheel and gain confidence in themselves as artists.	.5 unit	18 wks.	Course Fee
<u>Mixed Media I</u> Prerequisite: Foundations of Art Open to Grade: 10–12 Mixed Media is a course that is project based. Students will focus on creating works that utilize a variety of mediums and techniques. The class will focus on the study of contemporary mixed media, folk art, craft, installation, and performance art. The class will include demonstrations, lectures, discussions, research, and studio production.	.5 unit	18 wks.	Course Fee
<u>Mixed Media II</u> Prerequisite: Mixed Media I Open to Grade: 10–12 Mixed Media II is a continuation of Mixed Media I. Students will focus on creating works that utilize a variety of mediums and techniques to express meaning and creative thought.	.5 unit	18 wks.	Course Fee
<u>Drawing and Painting I/II</u> Prerequisite: Foundations of Art Open to Grade: 10–12 Drawing and Painting II is a class that focuses on developing fundamental two-dimensional techniques and mediums. Students will work with pencils, charcoal, pastels, colored pencils as well as watercolor, acrylics, and oils. Elements of art and principals of design will be investigated through these mediums. Color theory will be introduced as well as drawing from observation and drawing the human figure. Representational as well as expressive work will be the beginning of a portfolio.	1 unit	36 wks.	Course Fee

<u>Advanced Drawing and Painting III/IV</u>	1 unit	36 wks.	Course Fee
Prerequisite: Drawing and Painting			
Open to Grade: 11 & 12			
Advanced Drawing and Painting is offered for students who want to continue developing their drawing and painting skills from Drawing and Painting. Breadth of subject matter and meaning will be explored through two dimensional works. The student will have more independent choices with media and prepare a portfolio of work that demonstrates mastery of technique along with personal meaning.			
<u>Photography I</u>	.5 unit	18 wks.	Course Fee
Prerequisite: Foundations of Art or Art I			
Open to Grade: 10–12			
This is a general photography course that will introduce the basic parts of the camera and how to use them to create better pictures. Film developing and processing and a general history of photography will be covered as well. There will be a focus on presentation and composition. Each student will need a manual camera (a 35-mm SLR camera).			
<u>Photography II</u>	.5 unit	18 wks.	Course Fee
Prerequisite: Photography I			
Open to Grade: 10–12			
This is an advanced class that will explore more about photography and its many possibilities. The students will learn numerous ways of manipulating the medium so as to create new and unique images. Presentation and artistic content will be emphasized.			
<u>Advanced Photography</u>	.5 unit	18 wks.	Course Fee
Prerequisite: Photography II			
Open to Grade: 11 & 12			
The focus of this class is to create a portfolio of photographic work. Students will work independently within the other photography courses and may be asked to assist those students. Photographic work will involve both digital and film and will look the work of contemporary artists and the impact of their work.			
<u>Digital Art I</u>	.5 unit	18 wks.	Course Fee
Prerequisite: Foundations of Art			
Open to Grade: 10–12			
In Digital Art, students will combine artistic principles, technical skill, and creativity to produce meaningful digitally based artworks. Throughout the course, students will learn to use editing software like Photoshop and Illustrator, manipulating and enhancing photos, text, and graphics to communicate concepts through visual media.			
<u>Digital Art II</u>	.5 unit	18 wks.	Course Fee
Prerequisite: Foundations of Art			
Open to Grade: 10–12			
In this course, students will unite visual aesthetics and technical knowledge to develop skills valuable in a real-world, professional capacity. Students will apply graphic design principles and technical knowledge to create effective and appealing designs for various commercial media such as websites, logos, and advertisements. Through analysis and critique students will strengthen their ability to effectively communicate messages through visual media.			

Introduction to Art Portfolio

1 unit

36 wks.

Course Fee

Prerequisite: Teacher approval only

Open to Grade: 11 & 12

Portfolio is a class for students who are interested in developing a portfolio for college admission. This class encourages mastery of technical skills, breadth of subject matter and expression of personal meaning. Students work independently and projects are student driven. Students will learn to document their work and will be encouraged to enter art shows and competitions. Students will complete a portfolio of 12-15 quality pieces.

AP Studio Art*

1 unit

36 wks.

Course Fee

Prerequisite: By Teacher approval only

Open to Grade: 12

The Advanced Placement art course is for highly motivated seniors who wish to produce college-level art work. The guidelines of this course will follow those of the Advanced Placement Program of the College Board. First semester will focus on the development of the breadth component of a portfolio. Second semester will focus on the student's concentration and include a written statement. Students will be responsible to prepare for this course by completing summer assignments. Extended time outside of class is necessary for a successful portfolio. This is a demanding class for the serious art student. Students will choose one of the following; Drawing, 2D Design, or 3D Design. The cost of the AP test is approximately \$92. *Weighted grading scale is used.

AP Art History*

1 Unit

36 wks.

Course Fee

Prerequisite: Foundations of Art

Open to Grade: 10-12

The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from pre-history to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout art history. This class is the equivalent to two semesters of introductory college art survey classes. This course is recommended for 10th-12th grade students who have been successful in history, literature, or studio art classes. AP Test fee is approximately \$92. *Weighted grading scale used.

HEALTH AND PHYSICAL EDUCATION

Health .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9–12

This course provides instruction in healthy living skills. Topics include substance abuse, first aid, anatomy, and disease, nutrition, human sexuality, and mental health. A research paper on a student-selected topic is required to earn credit.

Physical Education .25 unit 18 wks.

Prerequisite: None

This course may be taken an additional time to fulfill the physical education requirement for graduation.

Open to Grade: 9–12

Basic skills for team and individual sports, as well as lifetime activities, are taught. Activities include flag football, soccer, volleyball, basketball, gymnastics, aerobics, floor hockey, fitness, track and field, softball, wrestling techniques, and weight lifting. Emphasis is on rules of the game and cooperative play.

Lifetime Sports .25 unit 18 wks.

Prerequisite: Minimum .25 unit of Physical Education

Open to Grade: 10–12

Students will participate in a variety of lifetime sports activities designed to promote the development of a lifelong habit of healthy exercise. Indoor and outdoor activities may include racquet and ball sports.

Weight Lifting/Conditioning—Fall .25 unit 18 wks.

Weight Lifting/Conditioning—Spring

Prerequisite: Minimum .25 unit of Physical Education

Open to Grade: 10–12

Students participate in activities such as aerobic exercise and weight-lifting to develop strength and conditioning for participation in athletic sports and to develop a healthy lifestyle.

Speed Strength for Athletes—Fall .25 unit 18 wks.

Speed Strength for Athletes—Spring .25 unit 18 wks.

Prerequisite: Team membership or permission of teacher.

Open to Grade: 9–12

This course is recommended for athletes who wish to pursue advanced physical fitness. A regimen of weight training and speed improvement sessions will occur on alternate days. The strength program runs in four-week phases to challenge students throughout the semester. The speed-improvement portion consists of techniques to improve overall flexibility, speed, quickness and power.

MATHEMATICS

A graphing calculator is mandatory for all Algebra II and higher classes. *Recommended model: TI-84 series.*

Algebra I Concepts

1 unit

36 wks.

Prerequisite: Pre-Algebra and teacher recommendation

Open to Grade: 9–10

Algebra I begins with integers and order of operations. There is a heavy emphasis on solving linear and quadratic equations. Graphs of these functions will also be analyzed and constructed. Factoring, rational equations, exponents and radicals will be introduced and mastered. Upon successful completion, students will meet national and state high school standards in the subject area.

Algebra I

1 unit

36 wks.

Prerequisite: Pre-Algebra and teacher recommendation

Open to Grade: 9–11

Algebra I begins with integers and order of operations. There is a heavy emphasis on solving linear and quadratic equations. Graphs of these functions will also be analyzed and constructed. Factoring, rational equations, exponents and radicals will be introduced and mastered. This course is of sufficient rigor to prepare students who will take Calculus.

Geometry Concepts

1 unit

36 wks.

Prerequisite: Algebra I Concepts or Algebra I (Integrated Math II) and teacher recommendation

Open to Grade: 10–12

Geometry (plane and solid) is a second year course in mathematics covering methods of reasoning, triangles, parallels, constructions, designs, circles, and inequalities. Geometry challenges minds into thinking in a logical order. Students develop an understanding of deductive reasoning and are given practice in its use. Students build sequences of theorems and original exercises by applying these concepts to non-geometric situations and analysis of common errors in reasoning. The knowledge gained of geometric facts, principles, and their relationship is especially useful in such fields as engineering and drafting. Upon successful completion, students will meet national and state high school standards in the subject area.

Geometry

1 unit

36 wks.

Prerequisite: Algebra I and teacher recommendation

Open to Grade: 10–12

Geometry (plane and solid) is a second year course in mathematics covering methods of reasoning, triangles, parallels, constructions, designs, circles, and inequalities. Geometry challenges minds into thinking in a logical order. Students develop an understanding of deductive reasoning and are given practice in its use. Students build sequences of theorems and original exercises by applying these concepts to non-geometric situations and analysis of common errors in reasoning. This course is of sufficient rigor to prepare students who will take Calculus.

Honors Geometry*

1 unit

36 wks.

Prerequisite: Algebra I and teacher recommendation

Open to Grade: 9–10

Concepts are approached both intuitively and formally. Emphasis is placed on the following areas: understanding the nature of a mathematical system through proofs, developing powers of spatial visualization, recognizing the way in which algebra and geometry complement each other, applying different types of reasoning in mathematical and non-mathematical situations, further strengthening of basic algebra skills, and stronger emphasis on proofs and theory. This rigorous course is intended for students who plan to take AP courses. *Weighted grading scale used.

Algebra II Concepts

1 unit

36 wks.

Prerequisite: Geometry Concepts or Geometry and teacher recommendation

Open to Grade: 11 & 12

This class will focus on giving the student a concrete understanding of the basic concepts in Algebra which include: solving equations and inequalities; probability statistics; linear functions; ratios and proportions with an emphasis on application; solving systems of equations; solving and graphing inequalities with two variables; polynomials and factoring; solving quadratic and other polynomial functions; logarithms and trigonometry. Upon successful completion, students will meet national and state high school standards in the subject area. Graphing calculators are recommended.

Algebra II

1 unit

36 wks.

Prerequisite: Geometry and teacher recommendation

Open to Grade: 11 & 12

Algebra II begins with a basic review of the principles of Algebra I and leads up to more complex algebraic operations. Included in the course work are operations dealing with radicals, systems of quadratic equations, systems of linear equations, progressions, logarithms, introduction to trigonometry, and a section dealing with permutations, combinations, and probability. This course is of sufficient rigor to prepare students who will take Calculus. A Graphing Calculator is required.

Honors Algebra II*

1 unit

36 wks.

Prerequisite: Honors Geometry or 8th Grade Geometry and teacher recommendation

Open to Grade: 9–12

Honors Algebra II is for the above-average geometry student who also did extremely well in Algebra I and Honors Geometry. Included in the course work are operations dealing with sequences and series of numbers, linear functions and relations, polynomials, rational algebraic expressions, trigonometry and circular functions, polar coordinates and vectors, permutations, combinations, probability, matrices and determinants. This rigorous course is intended for students who plan to take AP courses. *Weighted grading scale used.

College Math

1 unit

36 wks.

Prerequisite: Algebra II Concepts or Algebra II and teacher recommendation

Open to Grade: 12

Designed for the college bound student not entering a technical field, the focus of this course is to prepare college bound students to pass the required math course of all inbound freshman. A heavy emphasis will be placed on all functions and their graphs, specifically, but not limited to linear, quadratic, rational, exponential and logarithmic functions. Additional concepts will include Trigonometry and their graphs.

Statistics

1 unit

36 wks.

Prerequisite: Algebra II Concepts

Open to Grade: 12

Statistics topics include sampling and experimentation, descriptive statistics, probability, binomial and normal distributions, single sample and two sample hypothesis tests for means and proportions. Students will work with statistical measures of centrality and spread, methods of data collection, methods of determining probability, binomial and normal distributions, hypothesis testing, and confidence intervals. Students will use multiple representations to present data as written descriptions, numerical statistics, formulas, and graphs.

Pre-Calculus

1 unit

36 wks.

Prerequisite: Algebra II and teacher recommendation

Open to Grade: 10–12

Pre-Calculus is the examination of the number systems and the study of the elementary functions. The number systems include real numbers, irrational numbers, rational numbers, and complex numbers. The course content comprises the algebras of these number systems, and polynomial, exponential and logarithmic functions. Also included are set notations, logic, sequences and series, and analytic geometry. In addition subject matter is made up of the circular functions and their properties, complex numbers, polar coordinates, degree and radian measure, a detailed study of the six trigonometric functions and their graphs and identities. A student who plans to take this course should have had above average grades in Geometry and Algebra II. Graphing calculator is required.

Honors Pre-Calculus*

1 unit

36 wks.

Prerequisite: Honors Algebra II and teacher recommendation

Open to Grade: 10–12

This course is for the exceptional mathematics student who is planning to take A.P. Calculus in his/her senior year. Included in the course are the examination of the number systems and the study of elementary functions. The number systems include real numbers, irrational numbers, rational numbers, and complex numbers. The course content comprises the algebras of these number systems, and polynomial, exponential and logarithmic functions. Also included are set notations, logic, sequences and series, and analytic geometry. Its subject matter is also made up of the circular functions and their properties, vectors, complex numbers, polar coordinates, a detailed study of the six trigonometric functions and their graphics and identities. This rigorous course is intended for students who plan to take AP courses. Graphing calculator is required. *Weighted grading scale used.

Calculus

1 unit

36 wks.

Prerequisite: Pre-Calculus and teacher recommendation

Open to Grade: 10–12

A challenging course for the college-bound senior. The subject matter contains the study of functions, limits, rates and differentials, indefinite integrals, definite integrals, transcendental functions and vectors with a strong emphasis on applications.

AP Statistics*

1 unit

36 wks.

Prerequisite: Honors Pre-Calculus or A in Pre-Calculus

Open to Grade: 12

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data - Describing patterns and departures from patterns; Sampling and Experimentation - Planning and conducting a study; Anticipating Patterns - Exploring random phenomena using probability and simulation; Statistical Inference - Estimating population parameters and testing hypotheses. AP Test fee is approximately \$92. *Weighted grading scale used.

AP Calculus AB*

1 unit

36 wks.

Prerequisite: Honors Pre-Calculus or Calculus and teacher recommendation

Open to Grade: 11 & 12

Calculus is a college-level course for the above-average student. The subject matter is the study of functions, limits, rates and differentials, indefinite integrals, definite integrals, transcendental functions, methods of integration, plane analytical geometry, hyperbolic functions, with special emphasis on application to real problematic situations. AP Test fee is approximately \$92. *Weighted grading scale used.

AP Calculus BC*

1 unit

36 wks.

Prerequisite: Honors Pre-Calculus and teacher recommendation

Open to Grade: 12

Calculus is a college-level course for the above-average student. The subject matter is the study of functions, limits, rates and differentials, indefinite integrals, definite integrals, transcendental functions, methods of integration, plane analytical geometry, hyperbolic functions, with special emphasis on application to real problematic situations. AP Test fee is approximately \$92. *Weighted grading scale used.

SCIENCE

Biology 1 unit 36 wks. Course Fee

Prerequisite: Physical Science

Open to Grade: 9

This course begins with an introduction to the study of living things followed by a study of the cell, its structures and activities. There will be studies involving each of the five Kingdoms of living things: the monerans, the protists, the fungi, the animals, and the plants. Emphasis in these studies will be on classification and characteristics of groups of organisms with individual organisms selected from groups for study of structures and functions. Other units included in Biology are genetics and systems of the human body. Laboratory activities involve developing skills in observation and dissection, and in using the microscope.

Principles of Chemistry and Physics 1 unit 36 wks.

Prerequisite: Biology

Open to Grade: 10

A year long course designed to introduce students to fundamental principles of chemistry and physics and their applications. The chemistry portion of the course with its laboratory activities will include but not limited to topics that introduce states of matter, atoms and bonding, chemical reactions, mole concept, and stoichiometry. The physics portion of the course with its laboratory activities will include but not limited to topics that introduce linear motion, forces, waves, energy, and electricity.

Honors Biology* 1 unit 36 wks. Course Fee

Prerequisite: Algebra I or Geometry with a *B* or better and teacher recommendation or by placement test.

Open to Grade: 9

This course covers the same topics as those in General Biology, but is designed to be more challenging and to cover most topics in depth. *Weighted grading scale used.

Environmental Science 1 unit 36 wks. Course Fee

Prerequisite: Biology, Chemistry or Principles of Chemistry & Physics

Open to Grade: 11 & 12

Environmental Science is designed to introduce students to major ecological and environmental conditions. Topics include: human population, land use, natural resources, endangered species, ecology, air, water and local/global environmental changes.

Chemistry 1 unit 36 wks. Course Fee

Prerequisite: Biology, Algebra I with a *B* or better, or a recommendation from a math and science teacher.

Open to Grade: 10–12

This college prep course is focused on the fundamentals of chemical concepts through a variety of activities and laboratory experiences. The course will cover a variety of traditional chemical themes as well as the application of chemistry in everyday life.

Honors Chemistry* 1 unit 36 wks. Course Fee

Prerequisite: Honors Biology and Algebra II with a *B* or better, or enrolled in Honors Algebra II

Open to Grade: 10–12

This course teaches inorganic chemistry at a pre-college level. Emphasis is on a mathematical approach to chemistry including: measurement, atomic theory and structure, chemical bonding, stoichiometry, gas laws, solutions, colligative properties and reduction-oxidation chemistry. The course is designed for students who are preparing to take AP Chemistry or plan to pursue a science, engineering or health related career. *Weighted grading scale used.

Physics 1 unit 36 wks. Course Fee

Prerequisite: Algebra II (may be taken concurrently)

Open to Grade: 11 & 12

This course covers the principles of physics and the mathematical application of these principles. Laboratory experiences demonstrate scientific principles and develop critical thinking skills. Topics include matter and energy, measurement, force, rectilinear motion, curvilinear motion, work, power, wave thermodynamics, motion, light reflection, refraction, and diffraction, electrostatics, electric currents, magnetism, atomic and nuclear physics.

Honors Physics* 1 unit 36 wks. Course Fee

Prerequisite: Pre-Calculus; *B* in Honors Chemistry

Open to Grade: 11 & 12

This course covers the same topics as those in Physics; however, more emphasis is placed on scientific theory and its mathematical applications and on independent research. The course is designed for students planning a science-related career. *Weighted grading scale used.

AP Biology* 1 unit 36 wks. Course Fee

Prerequisite: *B* average in Biology, or Honors Biology and Honors Chemistry

Open to Grade: 10–12

This course is designed to be the equivalent of an introductory college biology course. It aims to provide students with conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology and includes a strong laboratory component. Topics include molecular and cellular biology, genetics, evolution, organisms, and populations. It differs significantly from the typical high school biology course in the text book, range and depth of materials covered, scope of laboratory work, and the time and effort required of students. Summer coursework may be required. Students are expected to take the AP test in the spring. AP Test fee is approximately \$92. *Weighted grading scale used.

AP Chemistry* 1 unit 36 wks. Course Fee

Prerequisites: Honors Chemistry and Honors Algebra II

Open to Grade: 11 & 12

The AP Chemistry course is designed to be the equivalent of the general chemistry course taken during the first college year. As a result, students will obtain a depth of understanding of fundamentals and competence in developing mathematical solutions to major chemical principles. Such topics that will be heavily stressed are: structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, chemical reactions, acid/base chemistry, descriptive chemistry, and thermodynamics. In addition to advanced classroom work, students will be expected to complete and provide evidence of college-level laboratory work. Students are expected to take the AP test in the spring. AP Test fee is approximately \$92. *Weighted grading scale used.

AP Physics C* 1 unit 36 wks. Course Fee

Co-requisite: AP Calculus AB/BC

Open to Grade: 11 & 12

This course ordinarily forms the first part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. The subject matter of the C course is principally mechanics. Mechanics should provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Students are expected to take the AP test in the spring. AP Test fee is approximately \$92. *Weighted grading scale used.

Anatomy and Physiology I .5 unit 18 wks. Course Fee

Prerequisites: Biology, Chemistry, or Principles of Chemistry and Physics

Open to Grade: 11 & 12

Emphasis in this semester course is an in-depth study of the human body. The course will provide a detailed analysis of the structure and function of the body systems as well as their relationships to one another. Students will acquire an extensive working vocabulary needed to describe body structures and functions. Labs will include slide work, dissection and studies of the human skeleton. The focus will be on an introduction to anatomy and physiology, integumentary system, skeletal system, muscular system, nervous system, and special senses. Anatomy and Physiology is recommended for students with an interest in human biology, pre-veterinary and health-related fields.

Anatomy and Physiology II .5 unit 18 wks.

Prerequisite: Anatomy and Physiology I

Open to Grade: 11 & 12

Emphasis in this semester course is an in-depth study of the human body. The course will provide a detailed analysis of the structure and function of the body systems as well as their relationships to one another. Students will acquire an extensive working vocabulary needed to describe body structures and functions. Labs will include slide work, and dissections. The focus will be on the endocrine system, lymphatic system, blood, cardiovascular system, respiratory system, digestive system, and the urinary system. Anatomy and Physiology is recommended for students with an interest in human biology, pre-veterinary and health-related fields.

Biotechnology 1 unit 36 wks.

Prerequisite: Biology and Chemistry

Open to Grade: 11 & 12

This course is lab intensive and uses biotech instrumentation and traditional lab equipment integrated with the study of Modern Biology. Topics may include cloning of bacterial cells, environmental issues, and biodiversity. Students will practice the use of biotech equipment in genetics, cell biology, bio-informatics, PCR Assays, Electrophoresis, and cloning techniques. This class meets for 2 periods each day. In addition to the focus on labs, the class is structured like a collegiate science course where grades are almost solely determined by tests, projects and labs. Students will be expected to maintain a lab-notebook. Each quarter students will read at least one book outside of class.

SOCIAL SCIENCES

Modern World History

1 unit

36 wks.

Required: Grade 9

Course content will cover integrated social studies topics concerning world history from 1750–present.

Honors Modern World History*

1 unit

36 wks.

Prerequisite: Teacher recommendation

Open to Grade: 9

This course examines world events from 1750 to the present. It explores the impact of the democratic ideas and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. In addition students are expected have advanced reading and writing skills. To ensure a rigorous curriculum, students will be required to complete both in class and out of class document based question essays and free response essays. The format and grading for these essays are similar to Advance Placement. Further, students are expected to complete independent reading assignments outside of class on a regular basis. *Weighted grading scale used.

American History

1 unit

36 wks.

Required: Grade 10

Course content will cover integrated social studies topics concerning American history from the Reconstruction Period to present.

Honors American History*

1 unit

36 wks.

Prerequisite: Honors Modern World History or teacher recommendation

Open to Grade: 10

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the time period of American History from the Industrialization/Immigration period through the Present. This course is designed to prepare the student to take AP States History their junior year. This is a demanding course whose emphasis goes beyond the memorization of facts to the interpretation and analysis of historical data, documents, and writings. Student writing is an important component of the course. This course demands independence and responsibility and concentrates on the development of higher level thinking skills. *Weighted grading scale used.

AP American History*

1 unit

36 wks.

Prerequisite: This course is intended for the mature student who is willing to go beyond the usual expectations.

Open to Grade: 10–12

The Advanced Placement Program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American History. Independent research and group projects will be an integral part of this course. Enrolled students will be expected to take the AP American History test in the spring. AP Test fee is approximately \$92. *Weighted grading scale used.

Government .5 unit 18 wks.

Prerequisite: None

Open to Grade: 11 & 12

American Government is a study of how our government was established and how the three branches of the federal government operate. Students also study state and local government, as well as world political changes. Emphasis is placed on the importance of individual opinions regarding current governmental problems and on using sound reasoning to form opinions.

Economics .5 unit 18 wks.

Prerequisite: None

Open to Grade: 11 & 12

Economics is the social science related to the production and use of goods and services necessary to satisfy the needs and desires of society. It stresses the economic vocabulary and how these terms related to one another. Some of the concepts covered are business organization, monopolies, the function and cost of government and international economic problems. The relationship between these topics and individual life styles is stressed. This course fulfills the financial literacy requirement for graduation.

AP United States Government and Politics* 1 unit 36 wks.

Prerequisite: American History and teacher recommendation

Open to Grade: 11 & 12

This course will offer students an analytical perspective on government and politics in the United States. Students will study the Constitution, political behaviors and beliefs, the institutions and structure of national government, public policy, and civil rights and liberties. Students in this class will prepare and are expected to take the Advanced Placement US Government and Politics test in May, which may qualify for college credit or advance placement in college. The AP test fee is approximately \$92. *Weighted grading scale used.

World History I .5 unit 18 wks.

Prerequisite: None

Open to Grade: 11 & 12

This course includes the study of the Ancient Civilizations of Mesopotamia, India, China, Egypt and Ancient Greece. An overview of World Religions is also presented.

World History II .5 unit 18 wks.

Prerequisite: None

Open to Grade: 11 & 12

This course begins with an in-depth study of Ancient Rome, including the Etruscans and Byzantines, and continues with the Barbarian Tribes of Europe and Charlemagne's Empire. The course will also cover the establishment of the political, social, and religious foundations of Medieval Europe, while also exploring the development of monarchies throughout Europe. The field of Archeology will also be examined in regards to its role in our understanding of ancient cultures and civilizations around the world.

History Via Sports

.5 unit

18 wks.

Prerequisite: Teacher recommendation

Open to Grade: 11 & 12

This course will cover economics, legal and constitutional issues, and sociological aspects of sports in America. The grade will consist of: an independent oral book report of substantial reading, a 5-page MLA research paper that will require independent research with numerous sources. Tests and quizzes will be given covering class notes and considerable outside reading. Examinations will include essay and identification questions. Due to the substantial reading and writing requirements, strong English skills will be very valuable.

Current Issues in American History

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11 & 12

Current Issues in American History will study current issues from 1990 to the present and how they impact both modern American society and American and world history. Students will analyze the impact of current events on the social, economic and political status of the United States and its relationship to the rest of the world. The course will also emphasize the historical context of current events, how these events shape modern America and may impact the future of the United States. Modern sources of media, i.e. magazines, newspapers and internet will be utilized for the duration of the course.

Establishing Entrepreneurship

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11 & 12

This class will offer students an in-depth look at the process of establishing entrepreneurship. Students will study business, leaders, elements of ownership and applied economic principles. Lessons will include business tours and participation with mentor entrepreneurs. Students will participate in a capstone project developing their own business.

Sociology

.5 unit

18 wks.

Prerequisite: Teacher recommendation

Open to Grade: 12

The first part of the course is concerned with the reasons for behavior. The remaining part of the course considers various social situations, the background for each, what has already been done to solve the problem and what needs to be done. The course strives to help students develop an understanding of human relationships between people of differing educational, social, and economic backgrounds.

Psychology

.5 unit

18 wks.

Prerequisite: Teacher recommendation

Open to Grade: 12

Psychology is an introduction to the study of human behavior. Students will become familiar with the various aspects in the discipline of psychology; such as bio-psychological, cognitive, developmental and socio-cultural perspectives of human behavior.

WORLD LANGUAGE

French I 1 unit 36 wks. Course Fee
Prerequisite: None
Open to Grade: 9–12
Conversation, pronunciation, grammar, vocabulary, the geography and culture of France are studied. Oral proficiency is stressed. The Impressionist art movement and the history and cultural importance of Paris are studied in detail.

French II 1 unit 36 wks.
Prerequisite: French I with at least a *C* average or teacher recommendation
Open to Grade: 9–12
Conversation, pronunciation and grammar continue to be emphasized. Writing becomes more important as the knowledge of grammar and vocabulary is expanded. Students continue to gather insight into the culture of the French-speaking world.

French III* 1 unit 36 wks. Course Fee
Prerequisite: French II with at least a *B* average or teacher recommendation
Open to Grade: 11 & 12
Emphasis is placed on the finer points of grammar and additional vocabulary. Short essay writing and cultural readings are employed. Course units include francophone countries and regions of France. At this level, students are encouraged to use French exclusively in the classroom. *Weighted grading scale used.

French IV* 1 unit 36 wks.
Prerequisite: French III with at least a *B* average or teacher recommendation
Open to Grade: 12
The history of France is studied from the time of the Roman conquest to the 20th century. The course also includes excerpts of literature and stresses advanced grammar and vocabulary. The Surrealist art movement is studied in detail. At this level, students are encouraged to use French exclusively in the classroom. Students are advised to take placement tests at their chosen college to earn advanced credits and/or class placement. *Weighted grading scale used.

AP French Language & Culture* 1 unit 36 wks.
Prerequisite: French IV
Open to Grade: 12
In this course, students will use authentic French materials and sources to develop their language skills in multiple modes of communication, including two-way interactions in both writing and speaking, interpretation of audio, audiovisual, and print materials, and oral and written presentation of information and ideas. The course is conducted entirely in the target language. Students are highly encouraged to take the AP test at the conclusion of the course. The AP test fee is approximately \$92. *Weighted grading scale used.

Latin I

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9–12

Latin I emphasizes the fundamentals of all language, namely grammar, vocabulary, and sentence structure. Students are exposed to Roman history and mythology through the translation of Latin verse to English. The reading and writing of Latin is emphasized while the speaking of the language is not a requirement.

Latin II

1 unit

36 wks.

Prerequisite: Latin I with at least a *C* average or teacher recommendation

Open to Grade: 10–12

Grammar, vocabulary, syntax and sentence structure study will be continued. All the major fundamentals of Latin grammar will be completed. Latin literature will focus on mythology. Roman history & culture will be studied.

Latin III*

1 unit

36 wks.

Prerequisite: Latin II with at least a *B* average or teacher recommendation

Open to Grade: 11–12

Latin III will include a comprehensive review of all grammatical concepts learned in Latin I and II. The introduction of new syntax will emphasize the subjunctive mood and subordinate clauses. The study of Latin literature will include the stories of Hercules, Ulysses and Jason. The geography of the Roman Empire and Italy will also be emphasized. *Weighted grading scale used.

Latin IV*

1 unit

36 wks.

Course Fee

Prerequisite: Latin III with a *B* average or teacher recommendation

Open to Grade: 12

Latin IV will focus on a variety of selections from Latin literature, including the story of Perseus and Julius Caesar's Gallic War. Students will study the lives and writings of the most prominent Roman authors, including Cicero, Pliny and Ovid. They also will translate medieval and Renaissance authors. Students will have an opportunity to summarize all of the grammar and syntax learned over the past three years. *Weighted grading scaled used.

Spanish I

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9–12

Linguistics, culture, vocabulary, traditional grammar and verb forms are studied. Skills in reading, listening and communication are developed. Students study the culture of South America.

Spanish II

1 unit

36 wks.

Prerequisite: Spanish I with at least a *C* average or teacher recommendation

Open to Grade: 9–12

Vocabulary, grammar, verb forms and linguistics are studied. Writing and speaking skills are enhanced. Culture studies concentrate on Central America, Mexico, Spain and the Caribbean Islands. Students gain a deeper understanding of Spanish speaking cultures.

Conversational Spanish

1 unit

36 wks.

Prerequisite: Spanish I and II

Open to Grade: 10–12

This course is designed for the students who want to continue developing their Spanish skills, but are not interested in learning the subtle nuances of advance language structures or the analysis of literature. The course will be conducted in Spanish and engage students in conversation in a variety of formats toward the goal of further developing oral and aural proficiency. Articles and essays on topics of current interest will serve as the basis for general class discussions and as practice in written communication and reading comprehension.

Spanish III*

1 unit

36 wks.

Prerequisite: Spanish II with at least a *B* average or teacher recommendation

Open to Grade: 10–12

The historical and cultural features of Hispano-America and Spain are studied in detail. Representative literature of well-known Spanish speaking authors/poets is studied. The second semester includes major units of famous persons, poetry, and art. Grammar study emphasizes the finer points of the language. The students practice conversational and writing skills, aiming for more native-like communication. Students complete at least one major project. *Weighted grading scale used.

Spanish IV*

1 unit

36 wks.

Prerequisite: Spanish III with at least a *B* average or teacher recommendation

Open to Grade: 12

The emphasis is on fine points of grammar, increased oral proficiency, detailed cultural studies, and the reading of “classics” as well as the works of modern authors. Students are advised to take placement tests at their chosen college to earn advanced credits and/or class placement. *Weighted grading scale used.

AP Spanish Language*

1 unit

36 wks.

Prerequisite: Spanish IV

Open to Grade: 12

The AP Spanish Language course helps prepare students to demonstrate their level of Spanish proficiency across three communicative modes: Interpersonal (interactive communication), Interpretive (receptive communication), and Presentational (productive communication), within the five goal areas of communication, cultures, connections, comparisons, and communities. The course is comparable to third year (fifth and sixth semester) college and university course that focus on speaking and writing in Spanish at an advanced level. Instructional materials and activities are carefully and strategically adapted from authentic sources to support the linguistic goals of the course. AP Test fee is approximately \$92. *Weighted grading scale used.

Mandarin (Chinese) I

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9–12

Pronunciation, conversation, grammar, vocabulary and Chinese culture are studied. Communication through speaking and listening is emphasized. The Chinese writing system (simplified characters) is introduced. Study of Chinese culture focuses on behavioral culture such as traditions and customs.

Mandarin (Chinese) II

1 unit

36 wks.

Prerequisite: Mandarin (Chinese) I

Open to Grade: 9–12

Pronunciation, conversation, grammar, vocabulary and culture study continues. Oral proficiency remains the core of this course. Skills in reading and writing are enhanced as more characters are introduced. Students gain more insight into the Chinese culture and develop the ability to behave in culturally appropriate ways.

Mandarin (Chinese) III*

1 unit

36 wks.

Prerequisite: Mandarin II with at least a *B* average or teacher recommendation.

Open to Grade: 10–12

Students' ability to communicate orally and through reading and writing continues to develop. Emphasis is placed on structural study of the language and the ability to perform in various social situations. Students gain an overall picture of modern Chinese society and life in China. *Weighted grading scale used.

Mandarin (Chinese) IV*

1 unit

36 wks.

Prerequisite: Mandarin Chinese III

Open to Grade: 10–12

Students' ability to communicate orally and through reading and writing continues to develop. Structural study of the language and the ability to perform in various social situations remain the focus. Select literature pieces will be introduced and studied. *Weighted grading scale used.

AP Chinese Language and Culture*

1 unit

36 wks.

Prerequisite: Mandarin Chinese IV

Open to Grade: 12

The AP Chinese Language and Culture course helps prepare students to demonstrate their level of Chinese proficiency across three communicative modes: Interpersonal (interactive communication), Interpretive (receptive communication), and Presentational (productive communication), within the five goal areas of communication, cultures, connections, comparisons, and communities. Its aim is to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills within a cultural frame of reference reflective of the richness of Chinese language and culture. Instructional materials and activities are carefully and strategically adapted from authentic sources to support the linguistic and cultural goals of the course. AP Test fee is approximately \$92. *Weighted grading scale used.

ELECTIVES

Business & Computers

Computer Applications .5 unit 18 wks. Course Fee

Prerequisite: None

Open to Grade: 9–12

Computer Basics and Microsoft Office class is a comprehensive course in business office practices with emphasis on industry standard computer operation and applications. This course covers advanced features of Microsoft Office: *Word, Excel, Access, PowerPoint*, and advanced integration concepts.

Computer Programming I .5 unit 18 wks. Course Fee

Prerequisite: None

Open to Grade: 10–12

This course covers the basics of computer programming: process flow, syntax, variables, declarations, conditional statement, debugging, algorithm design and Graphic User Interface (GUI). By the end of the course, students will be able to build simple to moderate level windows-based applications.

Computer Programming II .5 unit 18 wks. Course Fee

Prerequisite: Programming I

Open to Grade: 10–12

This course is designed to expand upon concepts learned in Programming I and to reinforce these concepts through project-based activities. Students have the opportunity to learn about a programming career.

Family & Consumer Science

Introduction to Family and Consumer Sciences .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9–10

This first course, will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

Personal Wellness and Development .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9–10

In this course, students will develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on problem-solving, work ethics, nutritional and food selections, family dynamics and personal health.

Personal Financial Management

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11 & 12

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, and investing and risk management.

Career and College Readiness

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11 & 12

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.

SPECIAL EDUCATION

Individualized educational programs (IEP's) within the Department of Special Education guide the provision of services to students who qualify for special education. Special education programs and services are provided based on each child's IEP and may include:

- individualized direct instruction
- individual/small group tutoring
- speech/language therapy
- occupational and physical therapy
- adaptive physical education
- audiological services
- group and individual testing
- work-study programs
- community exploration
- transition services
- consultation
- counseling

Students may be scheduled for self-contained classes for learning disabilities, cognitive disabilities or multiple disabilities or mainstreamed into regular education classes with appropriate modifications and support.

HIGHLAND HIGH SCHOOL FOUR YEAR ACADEMIC PROGRAM OUTLINE

Name: _____

Present Educational Goal 1st _____ 2nd _____

Present Career Goal 1st _____ 2nd _____

SUBJECT		FRESHMAN COURSE	CR	SOPHOMORE COURSE	CR	JUNIOR COURSE	CR	SENIOR COURSE	CR
English	(4)*	<u>English 9</u>	_____	<u>English 10</u>	_____	<u>English 11</u>	_____	_____	_____
Speech	(.5)	_____	_____	_____	_____	_____	_____	_____	_____
Math	(4)	_____	_____	_____	_____	_____	_____	_____	_____
Science	(3)	_____	_____	_____	_____	_____	_____	_____	_____
Soc. Stud.	(3)	<u>Modern World</u>	_____	<u>Amer. History</u>	_____	_____	_____	<u>Govt/Economics</u>	_____
World Language	(1)**	_____	_____	_____	_____	_____	_____	_____	_____
Fine Art	(1)	_____	_____	_____	_____	_____	_____	_____	_____
Health	(.5)	_____	_____	_____	_____	_____	_____	_____	_____
Physical Education or Exemption	(.5)	_____	_____	_____	_____	_____	_____	_____	_____
+ Electives to meet minimum 21 Credits		_____	_____	_____	_____	_____	_____	_____	_____
YEAR TOTAL		_____	_____	_____	_____	_____	_____	_____	_____
FOUR YEAR TOTAL		_____	_____	_____	_____	_____	_____	_____	_____

*English – Colleges recommend four full years of English Literature/Composition. In addition, Highland High School requires .5 credit of Speech I.

**One Unit of World Language or Reading Development