

2023-24 Program of Studies

Highland High School



HIGHLAND LOCAL SCHOOLS

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**Highland High School
Program of Studies
2023-2024**

Administration:

Mrs. Carrie Knapp, Principal

Mr. Ryan Taylor, Assistant Principal

Mr. Jon Bailey, Athletic Director & Assistant Principal

School Counselors by alpha-assignment:

A-F: Mrs. Alexis Raines

G-L: Mrs. Julie Lakins

M-R: Mrs. Carolyn Colbow

S-Z: Mr. James Addington

Message from the Principal

Dear Students and Families

Our Highland Counseling Department and the High School Administrative Team is pleased to present the 2023-2024 Program of Studies to our high school students and parents. This document is intended to provide course descriptions in each of our curriculum areas.

This 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. In this year's edition of the Program of Studies, we have included more detail about the honors diploma options, graduation seals, and the drop/add policy. There is also an appendix which houses important documents/worksheets students may need throughout high school.

We are pleased that our students are achieving at a very high level as Highland High School continues to prepare for many national, state, and local academic initiatives that will impact our students. 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 another resource to make your time at Highland a period of focus, planning, and growth. Continue to work with your school counselors and your teachers as you make your decisions.

Thank you,
Carrie Knapp, Principal

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Highland Local School Mission Statement

The Highland Local School District is committed to the highest academic and behavioral expectations. Our mission is to guarantee that each learner reaches maximum potential by providing, in partnership with the community, a quality future-oriented educational program in a safe and dynamic life-long learning environment.

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, 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. Students demonstrate readiness and competency as defined by the Ohio Department of Education.

Highland Required Courses and Credits

Twenty-one (21) units are required for graduation and must include the following:		
English	4 units	English 9, 10, 11, 12 and Speech*
Mathematics	4 units	Must include Algebra II or equivalent
Social Sciences	3 units	M. World, US, Government, and Economics
Science	3 units	Biology, a physical science, and an advanced science
Fine Arts	1 unit	visual or performing arts
Health	.5 unit	
Physical Education	.5 unit	
World Language or Reading	1 unit	
Financial Literacy	.5 unit	Required for the Class of 2026 and beyond
15 hours of community service		to be completed starting Junior year (see appendix for form)
* Speech will no longer be a required course for Class of 2027 and beyond		

Career Technical Requirements

Twenty-one (21) units are required for graduation and must include the following:		
English	4 units	English 9, 10, 11, 12 and Speech*
Mathematics	4 units	Must include Algebra II or equivalent
Social Sciences	3.5 units	M. World, US, Government, Economics, & Financial Lit**
Science	3 units	Biology, a physical science, and an advanced science
Health	.5 unit	
Physical Education	.5 unit	
Financial Literacy	.5 unit	Required for the Class of 2026 and beyond

*The following elective courses meet the Speech requirement: Speech, Digital Media Productions I, Humanities.

OHIO'S READINESS & COMPETENCY REQUIREMENTS

Students must earn a passing score on Ohio's high school Algebra 1 and English II tests and earn two of a possible twelve diploma seals. Below is the list of possible seals; you must earn at least one of the state-defined seals. These seals give you the chance to demonstrate academic, technical, and professional readiness for careers, college, the military or self-sustaining professions.

State Defined

Citizenship Seal
 Science Seal
 Technology Seal
 Honors Diploma Seal
 College-Ready Seal
 State Seal of Biliteracy
 Military Enlistment Seal
 OhioMeans Jobs Readiness Seal
 Industry-Recognized Credential Seal

Locally Defined Seals

Fine and Performing Arts Seal
 Student Engagement Seal
 Community Service Seal

A Graduation Competency & Readiness Check is available in the appendix. All parameters for meeting and earning seals are outlined there.

COLLEGE PREPARATION & ENROLLMENT REQUIREMENTS

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

	<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Class Standing		4.75 units of credit	9.00 units of credit	15.00 units of credit
Full Time Status	3 credits/6 classes per semester	3 credits/6 classes per semester	3 credits/6 classes per semester	2.5 credits/5 classes per semester

HIGH SCHOOL ACADEMIC DIPLOMA WITH HONORS

There are five Honors Diplomas available either at Highland High School or Medina County Career Center. Students must meet all but one of the criteria to qualify. Students wishing to pursue an Honors Diploma are required to meet with their counselor prior to their senior year. Diploma with Honors requirements pre-suppose completion of all high school district and state diploma requirements. Additional information regarding Honors Diplomas can be found on the Ohio Department of Education website.

Criterion	Highland Diploma	Academic Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma	Social Science and Civic Engagement Honors Diploma
English	4 Units	4 Units	4 Units	4 Units	4 Units	4 Units
Math	4 Units	4 Units	4 Units	5 Units	4 Units	4 Units
Science	3 Units	4 Units including 2 units of advanced science	4 Units including 2 units of advanced science	5 Units including 2 units of advanced science	3 Units including 1 unit of advanced science	3 Units including 1 unit of advanced science
Social Studies	3.5 Units	4 Units	4 Units	3 Units	3 Units	5 Units
World Language	1 Unit	3 Units of one world language or no less than 2 units of each of 2 world languages	2 units of 1 world language	3 Units of one world language or no less than 2 units of each of 2 world languages	3 Units of one world language or no less than 2 units of each of 2 world languages	3 Units of one world language or no less than 2 units of each of 2 world languages
Fine Arts	1 Unit	1 Unit	Not required	1 Unit	4 Units	1 Unit
Electives	1 Unit		4 units of career-technical courses		2 Units with a focus in fine arts	3 Units with a focus in social sciences or civics
Minimum GPA: Unweighted.	Not required	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/Work Keys	Not required	ACT: 27 or higher/SAT:1280 or higher	ACT: 27 or higher/SAT:1280 or higher or higher/WorkKeys: 6 or higher Reading and 6 or higher Math	ACT: 27 or higher /SAT:1280 or higher	ACT: 27 or higher/ SAT:1280 or higher	ACT: 27 or higher/SAT:1280 or higher
Field Experience	Not required	Not required	Complete and document a field experience specific to student's area of focus.	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
Portfolio	Not required	Not required	Develop a comprehensive portfolio of work based on the student's field experience or topic that is related to the student's area of focus	Develop a comprehensive portfolio of work based on the student's field experience or topic that is related to the student's area of focus	Develop a comprehensive portfolio of work based on the student's field experience or topic that is related to the student's area of focus	Develop a comprehensive portfolio of work based on the student's field experience or topic that is related to the student's area of focus

MEDINA COUNTY CAREER CENTER

Highland juniors and seniors can experience a career major and make an informed decision regarding continuing that career path in college. Students receive their diploma from Highland and are eligible for all honors, scholarships and benefits. Students attending the MCCC remain eligible to participate in all Highland activities.

Students who intend to enroll at the Career Center should plan to ensure they are earning all necessary credits required for graduation and/or college entrance. Busing to and from the Career Center is provided by the Highland Local School District.

MISSION STATEMENT

"We are a learning community providing students with a competitive advantage through career technical education and academic excellence."

DISTRICT

The Medina County Career Center school district is a career-technical school and an adult education program.

The high school serves students from six school districts in Medina County, which range from urban to rural settings.

ADMINISTRATION

Steven Chrisman
Superintendent

Aaron Butts
Treasurer

Dr. Mari Engelhart
Director of Technology

Tresa Goodwin
Principal

Jeff Hicks
Assistant Principal

Kristy Dobes
Assistant Principal

Kellie Ellis
Associate Principal

Tad Fitch
Director of Student Services
and Satellite Programming

SCHOOL COUNSELORS

Kelli Esakov
Black River and Medina

Monica Froelich
Buckeye, Cloverleaf, Highland

Patrick Shaughnessy
Brunswick and Wadsworth

CEEB Code
363-357



1101 W. Liberty St., Medina, OH 44256 www.mcjvs.edu 330.725.8461

2022-2023 Profile

High School Facts

The Medina County Career Center is comprised of 11th and 12th grade students from six associate school districts. Black River, Brunswick, Buckeye, Cloverleaf, Highland and Medina students are able to choose from 25 career-technical programs they would like to pursue. Students are able to take college preparatory, advanced placement and college credit plus courses which are NCAA approved, while learning about a career major during their school day. Enrollment for the 2022-2023 school year is 1030 students. During the 2021-2022 school year, 135 students advanced to state career-technical competitions. Fifteen students reached national competition and three students placed in the top ten of their respected competitions.

Class Schedule

Academic classes are 45 minutes daily per class and career-technical programs are 155 minutes daily.

Class of 2022 Census Response

51% to four-year colleges/universities
15% to two-year colleges
8% to technical colleges
6% to the military
13% to apprenticeships

Grading Scale

Excellence in technical competence and scholarship is the goal of the Career Center. The five-letter system, A-B-C-D-F, is used and, in general, the following meanings are attached:

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = 59% or below

School Information/Identity

While the Medina County Career Center operates as an independent school district within Medina County, attending students are still considered students of their home associate high schools. The grades/credits students earn in their academic classes and career-technical programs at the Medina County Career Center are reported on their home associate schools' transcripts and students adhere to their home associate schools' graduation requirements. Students' cumulative GPAs are generated following their home associate schools' criteria, which include weighting applicable courses and programs. Medina County Career Center students earn Career Passports after successfully completing their career-technical programs. However, they receive their diplomas from their home associate schools. Therefore, the following academic/grade information originates with the home associate school and can be found in their profiles and/or transcripts:

- ◆ ACT/SAT Scores
- ◆ GPA (weighted and unweighted)
- ◆ Class Rank
- ◆ Honors Diploma Designation



Career-Technical Majors

All career technical programs are two-year unless otherwise noted.

Animal Management and Care
Automotive Collision Technology
Automotive Technology
Business and Marketing Technology
Chef and Restaurant Management
Construction Trades
Cosmetology
Criminal Justice
Cybersecurity and Digital Forensics
Digital Design
Diesel Technology
Diversified Medical Technologies
Engineering Technologies and Design
Firefighter | EMT
Graphic Arts and Printing Technology
Heating, Ventilation and Air Conditioning
Media Production
Power Equipment Technology

Precision Machining Technology
Software Engineering and Web Development
Sports Medicine and Exercise Science
Teaching Professions
Vision Care

Non-Recruiting Programs

Career and Community Experience
Career Exploration
Career Training

Career-technical majors are considered elective credit for graduation requirements at the home associate schools.

Future College Credit

Students have the opportunity to earn future college credits within their respective/applicable career-technical program through Career–Technical Credit Transfer (CT2) and/or Tech Prep (bilateral articulation agreements).

Academic Courses/Offerings

English

English III
English III Honors
English IV
English IV Honors
Speech
Books to the Big Screen

Science

Environmental Science
Physics I
Physics II
AP Physics
Chemistry
AP Chemistry
Physics of Digital Electronics
Anatomy and Physiology
Academic Anatomy and Physiology
Science of Environmental Sustainability
Health Bio-Chemistry

Social Studies

American Government
Economics
Psychology
American Sociology

Math

Algebra II
Academic Algebra II
Functions, Statistics and Trigonometry
Pre-Calculus
Calculus
AP Calculus
Math Analysis
AP Statistics

Electives

Personal and Professional Financial Planning
Transitions: College and Career
Spanish I, II, III, IV

NCAA

All of our English, Math, Science, Social Studies and Foreign Language offerings are NCAA approved for athletic eligibility status.

Transcripted College Credit

College Credit Plus (CCP) courses are offered on-site through Lorain County Community College for qualifying students. Students also have the opportunity to participate in CCP off-site through a number of colleges/universities.

VIEW PROGRAM DESCRIPTIONS

mcjvs.edu



CURRICULUM RELATED AWARDS

Graduation Honors Include:

Summa Cum Laude:	4.4 and above
Magna Cum Laude:	4.0 - 4.39
Cum Laude:	3.7 - 3.99

President's Award for Educational Excellence

1. Earn 3.5 GPA
2. Score at the 85th percentile 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.

- 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. 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. Schedule changes, although used sparingly, may result in students either dropping or adding classes. All students must still carry the appropriate number of courses to maintain full-time status (six courses for freshmen, sophomores, and juniors; five courses for seniors). Along with the appropriate forms, a meeting(s) between the student, teacher, counselor, and parent must be held before schedule changes will be considered. Schedule changes for reasons other than technical errors, conflicts, inappropriate placement, or other legitimate educational reasons will not be considered. The below outlines specifics of this policy:
 1. Students can add a class within the first 10 school days of the school year, after which they can no longer add a class. The proper scheduling form needs to be completed in order to add the class. Students may add 18-week courses to their second semester schedule within 10 school days of the start of the second semester.
 2. A student may switch levels of a content before the end of the first nine weeks of school without a W/D reflected on the transcript. The proper change form needs to be completed.
 1. A student's grade from the dropped class will transfer with the student to the new class.
 2. Only the new class will be recorded on the student's transcript.
 3. Any course can be dropped, with approval, before the end of the first nine-week grading period. After the first nine weeks of any course, no class may be dropped without administrative directive. Courses dropped after the first quarter may be given a grade of WD (Withdrawn) depending on the circumstances.

Physical Education Exemption Requirements

Unless prohibited under pending legislation, students who participate for two full seasons in Highland interscholastic athletics as recognized by the Ohio Athletic Association, marching band, color guard or cheerleading may be exempt from the physical education requirement. All students are still 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 certified against the official records in the athletic department and forwarded to the counseling 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 basketball 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

*Highland High School is a Non-Ranking High School.

Earned	Grade	College Prep	Honors	Advanced Placement
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:

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.	Latin III & IV	Honors Algebra II	Honors Anatomy & Physiology	Honors Modern World History	Honors Biology	French III & IV
Chinese III & IV	Spanish III & IV	Honors Pre – Calculus	Honors Chemistry	Honors U.S. History	Honors Geometry	Honors Physics

Additional 1 Point Weight:

AP English Literature & Comp.	AP French Language & Culture	AP Calculus BC	AP Chemistry	AP US History	AP Art History	AP Music Theory	AP Seminar
AP English Language & Comp.	AP Spanish Language	AP Statistics	AP Physics C	AP US Government & Politics	AP Studio Art 2D	AP Computer Science Principles	AP Research
AP Chinese Language & Culture	AP Calculus AB	AP Biology	AP Environmental Science	AP Psychology	AP Studio Art 3D	AP European History	AP Studio Art & Drawing Portfolio

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 who take the College Board's Advanced Placement subject test(s) in May 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 of Education 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: Algebra I, Geometry, French I, Spanish I, and Chinese I.

Transfer Credit /Course work conducted outside of Highland High School

Transfer Credit designates current Highland High School students who wish to complete a course through an accredited institution outside of Highland High School, and have that course transcribed as high school credit. These will need to be considered for approval prior to starting the course as to maintain an accurate credit count. Highland High School will not be awarding credit, so the student's final transcript will list the accredited institution from which the credit was received.

Certain classes will require State of Ohio End of Course Exams. Students should be aware of testing windows. Students choosing to take a course required for graduation outside of Highland High School must complete the course by the end of his or her first semester of their senior year. In order to limit the risk to graduating on time, students will be enrolled into coursework at HHS to fulfill the graduation requirement. Transfer credit may impact enrollment into subsequent traditional courses. In order to transfer credit to Highland, students must apply by completing credit transfer paperwork prior to enrolling in off-site courses.

Credit Flexibility Plan

Ohio Senate Bill 311 allows alternate pathways for students who are eligible to receive high school credit through the use of 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 is 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 his or her 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 to the Credit Flex committee prior to participating in your Credit Flex activity.

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. Students will need to meet a graduation pathway as defined by the Ohio Department of Education.

Late Arrival/Early Release

Late Arrival and/or Early Release privileges may be extended to seniors pending submission and approval of an early release form. 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. Applications and additional information are available in the Counseling Office.

CAREER ADVISORY & STUDENT SUCCESS PLAN

A Student Success 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. Counseling and classroom activities to support the Student Success Plan include the initiation of a career plan, PSAT, Career Center visits, SAT, resume writing, a College Fair field trip, College Visitation Day, and senior interview. The web-based Naviance program is available to students in grades 6-12 to assist in college and career interest exploration. The Counseling Office also assists students with setting up college visitation and career shadowing experiences. *[Board Policy 2413]*

COLLEGE CREDIT PLUS

Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus.

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. For the most current information and legislation on CCP please see the Ohio Department of Education website.

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	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
16				

30 Credit Plan

Course Number	Course Name	College Credits	Ohio Transfer	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 Lit.*	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
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 or contact Greg Dieringer, Director of College Credit Plus: gdierin@uakron.edu

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		

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 Melinda Galla or Renee Lamp, Coordinators, at ccpwest-brunswick@tri-c.edu.

ADVANCED PLACEMENT COURSE WORK

The Advanced Placement (AP) Program, created by College Board, gives students a chance to experience college-level rigor in a high school class setting, and opens the door to earning college credit before ever setting foot on campus. Highland High School offers 24 AP courses in 6 subjects, each of which culminates in an exam in May. Exams are scored on a scale of 1-5, which translate to:

- 5: Extremely Well Qualified
- 4: Well Qualified
- 3: Qualified
- 2: Possibly Qualified
- 1: No recommendation

A score of 3 or higher constitutes a 'passing score', although it is up to each post-secondary institution to determine what scores they will accept for articulated credit.

AP courses are taught solely by AP-trained teachers and are nationally recognized. Curriculum must be approved prior to course approval to uphold the rigor and standardization of the program. Regardless of how you score on the AP Exam, taking AP courses have been shown to better prepare students for college content and coursework. Admissions officers know college faculty play a big role in developing AP courses, so they know students who took AP pushed themselves to take challenging, college-level courses.

Take some time to look through the AP courses we offer and pay attention to the prerequisites of each course. By taking these courses, you can find out what college work is like while you have the support of teachers you trust in an environment you know.

AP Exam Registration Process:

Registering for an AP Exam is a three-step process that starts in the fall semester and continues through spring.

1. During the first two weeks of school, students must join AP Classroom through College Board for each AP class they are enrolled in. By default, AP Classroom will register students for the exam.
2. The AP Coordinator will send out an AP Exam Registration Form that must be completed through the student's email. Deadline for this registration is early November.
3. Total payment of AP Exams will begin to get added to student fees on PowerSchool after the final add/drop deadline of March 15th. Payment must be received prior to the start of the exams in May.

Please note that College Board sets the AP Exam Schedule, price of the exam fees, and all dates/deadlines associated with AP. In partnership with College Board, our responsibility is to abide by all dates, deadlines, and regulations set forth by them.

CLUBS & ACTIVITIES

Clubs & Activities*	
Academic Challenge Trivia Team	Mr. Dutt/Mrs. Goebel
Automotive Research Club	Mrs. Kubilis
French Club	Mr. Murray
Heartbreakers (choir)	Mr. Ilg
Highland Rugby	Mr. Sambor
Hornet Harmony	Mr. Ilg
PRISM (Gay Straight Alliance)	Mr. Murray/Ms. Ohlemacher
Intercultural Program	Mrs. D'Annolfo/Mr. Murray
Jazz Band	Mr. Marquette
Junior Class Advisory Committee	Mr. Murray
Junior State of America	
Key Club	Mrs. Bowers
Latin Club	Mrs. Lane
Musical (High School)	Mrs. E. Miller
National Art Honor Society	Mrs. Kubilus/Mrs. Wise
National Honor Society	Mrs. Latkovic/Ms. Doherty
Office Aides (Main office/Counseling)	Mrs. Snanigan
One Word Prompt	Mr. Folkerth
Peer Leading	Mrs. Abatangelo/Mrs. Lane
Robotics	Mr. Rudolph
Rox	Mrs. Knapp
S.A.D.D	Mrs. Kennedy
Science & Environmental Club	Mrs. Nerlich
Score Keepers	Amy Grissom
Senior Class Advisory Committee	Ms. Koval/Mr. Murray
Ski Club	Mrs. Lane/Mrs. Myser
Spanish Club	Mrs. Abatangelo
Speech and Debate	Mrs. Headrick
Spirit Club	Mr. Lippincott
Stinger Newspaper	Mrs. Dolata
STEM	Mr. Holland
Student Council	Mr. Lynden
Student of the Month	Mrs. Marshall
Thespians	Ms. Hardy
Tri-M National Music Honor Society	Mrs. Gamin
VOFT	Mrs. McKeen
Winter Play	Ms. Hardy
Unified Sports	Ms. Koval/Ms. Phillips
Yearbook	Mrs. Dolata
Girls Lacrosse	Todd Barnett

*Some clubs & activities require a selective application process.

** The running of all clubs and activities will follow the guidelines set forth by the governor and the Center for Disease Control.

ATHLETICS

Athletic Director: Jonathan Bailey	
Athletic Assistant: Amy Grissom	
Fall Sports	
Football	Mike Gibbons
Volleyball	Laura Merk
Girls Golf	Mary Becker
Boys Golf	Andrew Dutt
Girls Tennis	Lisa Reynolds
Girls Soccer	Bill Zufall
Boys Soccer	Chris Schaefer
Girls CC	Devan Lippincott
Boys CC	Andrew Lynden
Fall Cheerleading	Laura Keeling
Winter Sports	
Boys Basketball	Adam Cestaro
Girls Basketball	James Madison
Wrestling	Tim Maxworthy
Gymnastics	Jen Lewis
Bowling	Brian Esterle
Swimming	Ivan Baker
Winter Cheerleading	Laura Keeling
Spring Sports	
Girls Track	Paul Lushes
Boys Track	Devan Lippincott
Boys Tennis	Lisa Reynolds
Softball	Brent Belsole
Baseball	Jay Grissom
Lacrosse	Nate Howard

ATHLETIC ELIGIBILITY

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 four courses in the final quarter of 8th grade year.

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 & 12	Algebra I	Principles of Chemistry & Physics	French I, II, III & IV	Modern World History
Honors English 9,10,11 & 12	Geometry	Biology	AP French Language	Honors Modern World History
AP Language & Composition	Honors Geometry	Honors Biology	Latin I, II, III & IV	U.S. History
AP Literature & Composition	Algebra II	AP Biology	Chinese I, II, III & IV	Honors U.S. History
Speech I	Honors Algebra II	Environmental Sciences	AP Chinese Language	AP U.S. History
Creative Writing	Statistics	Anatomy & Physiology I & II	Spanish I, II, III & IV	World History I
College Composition	AP Statistics	Chemistry	AP Spanish Language	World History II
Humanities	Pre-Calculus	Honors Chemistry		Economics
	Honors Pre-Calculus	Biotechnology		Government
	Calculus	AP Chemistry		AP US Gov't & Politics
	AP Calculus AB	Physics		Current Issues
	AP Calculus BC	Honors Physics		Sociology
	Algebra II A	AP Physics		Psychology
	Algebra II B	Honors Anatomy & Physiology		AP Psychology
	AP Computer Science Principles	AP Environmental Sciences		AP European History
		AP Computer Science Principles		

NCAA Denied Courses offered at Highland High School

Cinematic Literature	Establishing Entrepreneurship	Computer Science I & II
Reading Development	Conversational Spanish	Yearbook
Theater Drama I	History Via Sports	Digital Media Productions I & II
Theater Drama II	AP Research	AP Seminar

PLANNING FOR TESTING

October	PSAT 9	All Freshman will take the PSAT 9 which serves as the foundation for understanding students' progress as they enter high school. The PSAT 9 is an early indicator of college readiness that is aligned with the SAT, PSAT/NMSQT, and PSAT 10. The PSAT 9 will provide detailed performance feedback
October	PSAT	A preliminary SAT for sophomores.
October	PSAT/NMSQT	A preliminary SAT for all juniors that qualify students for the National Merit Scholarship.
Dec(Fall)- April- May(Spring)	End of Course Exams	These computer based 9 – 12 assessments are in Language Arts, Mathematics, Science, and Social Studies.
April	SAT	This test is required for juniors and may provide an opportunity for a reportable college admissions test and serve as an assessment of college and career readiness.
May	AP Tests	Advanced Placement Tests taken by all students enrolled in AP courses. Registration and fee required—approximately \$95.

*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 some national test dates. Online 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. Testing resources are available in the Counseling office. Students can register online at www.act.org or www.collegeboard.org 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.

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.

Course Fee

Honors English 9*

1 unit – 36 wks.

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 used.

Course Fee

Speech I

.5 unit – 18 wks.

Open to Grades: 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.

Humanities

.5 unit – 18 wks.

Open to Grades: 10 – 12

Fulfills Speech requirement

Students will explore how people process and document the human experience through music (specifically the origins of rock music and its various genres) philosophy, religion, literature, history, art, and language to understand and record our world. 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.

Digital Media Productions I

1 unit – 36 wks.

Open to Grades: 9 – 12

Fulfills Speech requirement

This course is designed to introduce students to various methods of audio and video production. Basic filming, lighting, and sound considerations will be explored, and editing software will be introduced. Students will apply an understanding of production value to create short video projects such as commercials, public service announcements, marketing pieces and various other video projects. Media will be planned, produced, and published, with an additional focus on writing and speaking skills. Students will assume various roles for a professional television news production staff and become the faces and voices of the Highland High School media production program.

Digital Media Productions II

1 unit – 36 wks.

Prerequisite: Digital Media Production I

Open to Grades: 10 – 12

This is a course centered around advanced media production, mass communication, and responsible

journalism in a modern, hands-on, highly interactive environment. Students will gain first-hand experience in various aspects of single and multi-camera production: including shooting video footage, recording audio, editing, writing, directing, and producing digital features. Among other focuses, students will be responsible for covering current events at Highland High School and in the community through the production of video announcements and other special feature projects. There will be a requirement for students to periodically attend events involving Highland High School students, alumni, staff, or community members. Promoting HHS, its students, staff, alumni, and community is the overarching goal of this course.

English 10

1 unit – 36 wks.

Prerequisite: English 9

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. ***There is a state end of course exam for this course.*** *Course Fee*

Honors English 10*

1 unit – 36 wks.

Prerequisite: English 9

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 used. ***There is a state end of course exam for this course.*** *Course Fee*

English 11

1 unit – 36 wks.

Prerequisite: English 10

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 U.S. History course.

Course Fee

Honors English 11*

1 unit – 36 wks.

Prerequisite: Honors English 10

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. *Course Fee*

AP English Language & Composition*

1 unit – 36 wks.

Prerequisite: Teacher recommendation. A placement test may be administered. Summer reading is required.

Open to Grades: 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. Titles read in class may include *Amusing Ourselves to Death*, *The Great Gatsby*, *Brave New World*, 1984, *In Cold Blood*, *The Road*, *Anthem*, *As I Lay Dying*, and *Native Son*. Extensive writing practice is provided to prepare students to take the AP Language and Composition test given in May. AP Test fee is approximately \$95. *Weighted grading scale used. *Course Fee*

English 12 (British Literature)

1 unit – 36 wks.

Prerequisite: English 11

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. *Course Fee*

Honors English 12 (British Literature)*

1 unit – 36 wks.

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. *Course Fee*

AP English Literature & Composition*

1 unit – 36 wks.

Prerequisite: Teacher recommendation. A placement test may be administered. Summer reading is required

Open to Grades: 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. Titles read in class may include *Things Fall Apart*, *Heart of Darkness*, *Frankenstein*, *Hamlet*, *Brave New World*, *Huck Finn*, *One Flew Over the Cuckoo's Nest*, and *Jane Eyre*. All advance-notice papers are required to be typed. Students enrolled in this course are expected to take the AP Literature & Composition test given in May. AP Test fee is approximately \$95.

*Weighted grading scale used. *Course Fee*

Cinematic Literature

.5 unit – 18 wks.

Open to Grades: 11 – 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 Grades: 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.

College Composition

.5 unit – 18 wks.

Prerequisite: English 9

Open to Grades: 10 – 12

This course is designed for students who need to sharpen writing skills for college-level work. The course will emphasize pre-writing, research, organization/outlining, draft-writing, editing/revising, and production of finished texts. Students will write a variety of essay types, including informative exposition, analysis, persuasion, writing to prompts, and a research paper requiring formal citation/bibliography in MLA style.

Reading Development

1 unit – 36 wks.

Prerequisite: Student must demonstrate developmental reading is needed.

Open to Grades: 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 Grades: 9 – 12

This course is an introduction to the basics of theater, especially from the point of view of the actor. Students will learn theater history, stage directions, and be introduced to the technical (back stage) areas of the theater. However, the focus of the class is on acting, including voice, body movement, character development, monologue performance, and improv. Students will conduct one research project, write multiple essays, read and analyze at least one play, and evaluate theatrical movies. Students will often be asked to work with teams to act in or create their own scenes.

Theater/Drama II

.5 unit – 18 wks.

Prerequisite: Experience and/or Theater I and Instructor approval

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

Open to Grades: 9 – 12

This course is an advanced introduction to theater arts. A series of units within the course will focus in depth on specific aspects of the theater, which may include acting, playwriting, lighting and sound, scene design, scene construction and painting, costuming, stage makeup, and other specialized fields. The students must have the ability to work independently after being assigned a task, especially when helping with the technical work of the Spring Play. The student will devise his/her own independent project in his/her area of interest and present it to the class.

Yearbook

1 unit – 36 wks.

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

Open to Grades: 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.

ADVANCED PLACEMENT CAPSTONE

AP Capstone is a diploma program from the College Board. It is based on two yearlong AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. Students who complete the two-year program can earn one of two different AP Capstone awards, which are valued by colleges across the United States and around the world. Students typically take AP Seminar in grade 10 or 11, followed by AP Research. Each course is yearlong, and AP Seminar is a prerequisite for AP Research.

AP Seminar*

1 unit – 36 wks.

Prerequisite: Completed an Honors or AP level Social Studies or English course and teacher recommendation

Open to Grades: 10 – 11

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. *Due to the collaborative nature of the course, excellent attendance is a critical element due to the course's emphasis on group projects.*

*Weighted grading scale used. AP Exam Fee.

AP Research*

1 unit – 36 wks.

Open to Grades: 11 – 12

Prerequisite: AP Seminar

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and

academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses.
*Weighted grading scale used. AP Exam Fee.

FINE ARTS

Students taking credits beyond the 1 required for graduation may opt to take a fine arts class for pass/fail. Students opting to do so need to meet with their counselor prior to taking the course. This form can be found in the appendix.

INSTRUMENTAL MUSIC

Marching Band

1.25 units – 38+ wks.

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

Open to Grades: 9 – 12

Marching Band/Concert Band: This class includes activities in both marching band and concert band throughout the year. The *Pride of Highland Marching Band* 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 concert bands. The concert bands will perform band literature of varying musical styles and periods at required evening concerts throughout the year.

Marching Band/Flag Corps

.25 unit – 18 wks.

Prerequisite: Director's Approval

Open to Grades: 9 – 12

This class includes activities in marching band during the nine weeks. The *Pride of Highland Marching Band* 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.

Concert Band

1 unit – 36 wks.

Prerequisite: Director's Approval

Open to Grades: 9 – 12

This is an alternative course limited to those instrumental students who cannot 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 Marching 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.

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 Grades: 9 – 12

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

Philharmonia Orchestra

1 unit – 36 wks.

Prerequisite: 1 year of experience on violin, viola, cello or bass.

Open to Grades: 9

String Orchestra that will perform a variety of musical styles and genres for Freshmen students. No Audition required.

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 Grades: 9 – 12

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

VOCAL MUSIC

Notables

1 unit – 36 wks.

Open to Grades: 9 – 12

Notables prepares and performs music composed for the bass, baritone, and tenor voices. Focus is given to healthy and appropriate choral technique as well as the development of music reading skills. Musical literature includes the baroque, classical, romantic, contemporary, folk, and spiritual styles. This group performs publicly at four concerts and may perform in OMEA Adjudicated District Event in the third quarter and State Event (if qualified) in the fourth quarter. For male students desiring to qualify for Chorale, or Added Attraction, this choir provides the best training for acquiring that level of proficiency.

Descants

1 unit – 36 wks.

Open to Grades: 9 – 12

Descants prepares and performs music composed for the soprano, mezzo soprano, and alto voices. Focus is given to healthy and appropriate choral technique as well as the development of music reading skills. Musical literature includes the baroque, classical, romantic, contemporary,

folk, and spiritual styles. This group performs publicly at four concerts, may perform in OMEA Adjudicated District Event in the third quarter, and State Event (if qualified) in the fourth quarter. For female students desiring to qualify for Women's Chorale, Chorale, or Added Attraction, this choir provides the best training for acquiring that level of proficiency.

Chorale

1 unit – 36 wks.

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

Open to Grades: 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 - 36wks.

Prerequisite: Audition and Director's Approval.

Open to Grades: 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.

Treble Chorale

1 unit – 36 wks.

Prerequisite: Audition and Director's Approval.

Open to Grades: 9 – 12

Treble 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 Grades: 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 \$95. *Weighted grading scale used.

VISUAL ARTS

Art I

.5 unit – 18 wks.

Open to Grades: 9 – 12

Art I is an introductory course that focuses on exploring a variety of mediums, building artistic knowledge, and encouraging 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. *Course Fee*

Art II

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 9 – 12

Art II builds on the knowledge learned in Art I and continues to explore a variety of mediums, artists and styles. There will be 2D and 3D projects and will give students a firm art foundation. *Course Fee*

Three Dimensional Design I

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 9 – 12

Three Dimensional 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. *Course Fee*

Three Dimensional Design II

.5 unit – 18 wks.

Prerequisite: Three Dimensional Design I

Open to Grades: 10 – 12

Three Dimensional II builds on the knowledge and experience gained in Three Dimensional 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. *Course Fee*

Advanced Three Dimensional Design III

.5 unit – 18 wks.

Prerequisite: Three Dimensional Design II

Open to Grades: 10 – 12

Advanced Three Dimensional builds on the knowledge and experience gained in Three Dimensional I & II. The focus is on creating ceramic and sculpture art in a variety of mediums including: clay, wire, paper-mache and stone carving. Students will gain experience on the potter's wheel and develop confidence in themselves as artists. Emphasis will be on artistic expression through 3-D media. *Course Fee*

Advanced Three Dimensional Design IV

.5 unit – 18 wks.

Prerequisite: Adv. Three Dimensional Design III

Open to Grades: 11 – 12

Three Dimensional builds on the knowledge and experience gained Three Dimensional III. The focus is on creating ceramic and sculpture art in a variety of mediums including: clay, wire, paper-mache and stone carving. Students will gain experience on the potter's wheel and develop confidence in themselves as artists. Emphasis will be on artistic expression through 3-D media. *Course Fee*

Mixed Media I

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 9 – 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. *Course Fee*

Mixed Media II

.5 unit – 18 wks.

Prerequisite: Mixed Media I

Open to Grades: 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. *Course Fee*

Drawing and Painting I

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 9 – 12

Drawing and Painting I 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. *Course Fee*

Drawing and Painting II

.5 unit – 18 wks.

Prerequisite: Drawing & Painting I

Open to Grades: 10 – 12

Drawing and Painting II builds on the skills and knowledge from Drawing and Painting I. *Course Fee*

Advanced Drawing & Painting III

.5 unit – 18 wks.

Prerequisite: Drawing & Painting II

Open to Grades: 10 – 12

Advanced Drawing & Painting III is offered for students who would like an extra art class and want to continue developing their drawing and painting skills from Drawing & Painting II, it is not a replacement for advanced art or AP but a supplemental course. 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. *Course Fee*

Advanced Drawing & Painting IV

.5 unit – 18 wks.

Prerequisite: Adv. Drawing & Painting III

Open to Grades: 10 – 12

Advanced Drawing & Painting IV is offered for students who want to continue developing their drawing and painting skills from Drawing & Painting III. *Course Fee*

Photography I

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 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). *Course Fee*

Photography II

.5 unit – 18 wks.

Prerequisite: Photography I

Open to Grades: 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. *Course Fee*

Advanced Photography III

.5 unit – 18 wks.

Prerequisite: Photography II

Open to Grades: 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. *Course Fee*

Advanced Photography IV

.5 unit – 18 wks.

Prerequisite: Adv. Photography III

Open to Grades: 11 – 12

Students will build on content and knowledge from Adv. Photography III. 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. *Course Fee*

Digital Art I

.5 unit – 18 wks.

Prerequisite: Art I

Open to Grades: 9 – 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. *Course Fee*

Digital Art II

.5 unit – 18 wks.

Prerequisite: Digital Art I

Open to Grades: 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. *Course Fee*

Advanced Digital Art III

.5 unit – 18 wks.

Prerequisite: Completion of Digital Art I and II

Open to Grades: 10 – 12

Advanced Digital Art is offered for students who want to continue developing their digital art skills from Digital Art I and II. The student will have more independent choices and will begin to prepare a portfolio of work that demonstrates mastery of technique along with personal meaning. *Course Fee*

Advanced Digital Art IV

.5 unit – 18 wks.

Prerequisite: Completion of Adv. Digital Art III

Open to Grades: 10 – 12

Advanced Digital Art is offered for students who want to continue developing their digital art skills from Digital Art III. *Course Fee*

Advanced Studio Art

1 unit – 36 wks.

Prerequisite: Art I, Drawing & Painting I & II

Open to Grades: 11 – 12

Advanced Studio Art is a class for students who are interested in working towards developing a portfolio for college admission. This class encourages mastery of technical skills, breadth of subject matter and expression of personal meaning. Students will learn to document their work and will be encouraged to enter art shows and competitions. Students will complete quality pieces suitable to be used in an AP portfolio the following year. *Course Fee*

AP Art History*

1 unit – 36 wks.

Open to Grades: 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 \$95. *Weighted grading scale used. *Course Fee*

AP Studio Art: 2D*

1 unit – 36 wks.

Prerequisite: By teacher recommendation

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. This class would ideally be taken after any Advanced 2D class (Adv art, adv. Photo, or Adv. Digital art) Each student's focus for the year will be to develop a sustained investigation and to create up to 15 artworks in that theme. A variety of mediums could be used for this exploration including, but not limited to, drawing, painting, mixed media, digital art, and photography. Students will be responsible to prepare for this course by completing summer assignments. Extended time outside of class is necessary for a successful portfolio. The cost of the AP test is approximately \$95. *Weighted grading scale used. *Course Fee*

AP Studio Art: 3D*

1 unit – 36 wks.

Prerequisite: By teacher recommendation

Open to Grade: 12

The Advanced Placement art course is for highly motivated seniors who wish to produce college-level

artwork. The guidelines of this course will follow those of the Advanced Placement Program of the College Board. This class would ideally be taken after Advanced 3D in a sequence of Art I, 3D I/II, and Advanced 3D. Each student's focus for the year will be to develop a sustained investigation and to create up to 15 artworks in that theme. Works may be in any 3D medium. Students will be responsible to prepare for this course by completing summer assignments. Extended time outside of class is necessary for a successful portfolio. The cost of the AP test is approximately \$95. *Weighted grading scale used. *Course Fee*

AP Studio Art: Drawing Portfolio*

1 unit – 36 wks.

Prerequisite: Current or previous teacher recommendation, or review of student artwork. This class would ideally be taken after Advanced Art in a sequence of Art I, Drawing/Painting, and Advanced Art.

Open to Grades: 11 – 12

AP (Advanced Placement) Drawing is a program administered by the College Board to provide highly motivated students with an opportunity to earn college credit in art with a drawing focus. Students will submit up to 15 images that follow a sustained investigation of the students choosing but focusing on the use of mark-making, line, surface, space, light and shade, and composition. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students can work with any materials, processes, and ideas. Drawing (analog and digital), painting, printmaking, and mixed media work are among the possibilities for submission. The cost of the AP test is approximately \$95. *Weighted grading scale used. *Course Fee*

HEALTH AND PHYSICAL EDUCATION

Health

.5 unit – 18 wks.

Open to Grades: 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.

Open to Grades: 9 – 12

Students will learn basic skills and participate in team sports. The course may include activities such as volleyball, basketball, football, soccer, badminton, tennis, softball, football, and recreational games. Emphasis will be on rules of the game and cooperative play. Fitnessgram components will be the exam.

Lifetime Fitness-Fall

.25 unit – 18 wks.

Lifetime Fitness-Spring

.25 unit – 18 wks.

Open to Grades: 9 – 12

Course will focus on the activities that are designed to promote the development of lifelong fitness habits. Most activities will involve low to moderate cardio exercises. This class includes activities such as walking on the track, yoga, fitness videos, and lifetime sports. Fitnessgram components will be the exam.

Speed & Strength for Contact Athletes-Fall

.25 unit – 18 wks.

Speed & Strength for Contact Athletes-Spring

.25 unit – 18 wks.

Prerequisite: Team membership.

Open to Grades: 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.

Speed & Strength for No Contact Athletes-Fall

.25 unit – 18 wks.

Speed & Strength for No Contact Athletes-Spring

.25 unit – 18 wks.

Prerequisite: Team membership.

Open to Grades: 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.

Speed & Strength-Fall

.25 unit – 18 wks.

Speed & Strength-Spring

.25 unit – 18 wks.

Open to Grades: 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.

Physical education courses may be repeated to fulfill the physical education requirement for graduation

MATHEMATICS

Algebra I

1 unit – 36 wks.

Prerequisite: Pre-Algebra and teacher recommendation

Open to Grades: 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. Graphing calculator is required. ***There is a state end of course exam for this course.***

Algebra Lab

.5 unit – 36 wks. Pass/Fail

Prerequisite: Recommendation, concurrently enrolled in Algebra I

Open to Grades: 9 – 10

This class is taken concurrently with Algebra I and enrollment is by approval of administrator. Students will review concepts taught in class and will be able to ask questions about homework problems they have struggled with and will also be able to do retakes on quizzes and tests. Some concepts may be frontloaded so that students will know what to expect during the course of their Algebra Class. Students may work with technology to develop skills that are weaker from previous math courses but still used in their current class. This class does not replace their Algebra 1 class, but is meant to help strengthen skills and clarify concepts.

Geometry

1 unit – 36 wks.

Prerequisite: Algebra I and teacher recommendation

Open to Grades: 9 – 11

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.

Graphing calculator is required. ***There is a state end of course exam for this course.***

Geometry Lab

.5 unit – 36 wks. Pass/Fail

Prerequisite: Recommendation, concurrently enrolled in Geometry

Open to Grades: 9 – 10

This class is taken concurrently with Geometry and enrollment is by approval of administrator. Students will review concepts taught in class and will be able to ask questions about homework problems they have struggled with and will also be able to do retakes on quizzes and tests. Some concepts may be frontloaded so that students will know what to expect during the course of their Geometry class. Students may work with technology to develop skills that are weaker from previous math courses but still used in their current class. This class does not replace their Geometry class, but is meant to help strengthen skills and clarify concepts.

Honors Geometry*

1 unit – 36 wks.

Prerequisite: Algebra I and teacher recommendation

Students are required to score from the Algebra 1 State Test a 700 or 3 (Proficient) and highly recommended to score a 726 or a 4 (Accomplished) or above

Open to Grades: 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 non-linear algebra skills, and stronger emphasis on proofs and theory. This rigorous course is intended for students who plan to take AP courses. Graphing calculator is required. Students with an F for the 1st quarter will be placed into regular Geometry for the remainder of the year. ***There is a state end of course exam for this course.*** *Weighted grading scale used.

Honors Algebra II*

1 unit – 36 wks.

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

Open to Grades: 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, linear, quadratic, exponential, and polynomial functions and relations, rational algebraic expressions, trigonometry, and probability. This rigorous course is intended for students who plan to take AP courses. Students with an F for the 1st quarter will be placed into regular Algebra II for the remainder of the year. Graphing calculator is required.

*Weighted grading scale used.

Algebra IIA

1 unit – 36 wks.

Prerequisite: Teacher recommendation

Open to Grades: 10 – 12

The first year of a two-year sequence available by teacher recommendation only. Includes an extension of advanced Algebra I topics such as factoring, completing the square, and solving systems of linear equations. Topics include arithmetic and geometric sequences, linear and exponential functions, quadratic functions, transformations of parent functions, rational expressions, and methods for simplifying expressions.

Algebra IIB

1 unit – 36 wks.

Prerequisite: Algebra IIA & Teacher recommendation

Open to Grades: 10 – 12

The second year of a two-year sequence available by teacher recommendation only. Topics include systems of nonlinear equations and inequalities, inverse functions, logarithms, trigonometric functions, and a thorough treatment of polynomial functions, as well as extension content typical of a fourth-year course in high school mathematics as a transition to college-level mathematics.

Algebra II

1 unit – 36 wks.

Prerequisite: Geometry and teacher recommendation

Open to Grades: 9 – 11

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 polynomials, radicals, systems of quadratic equations, systems of linear equations, progressions, logarithms, introduction to trigonometry, and basic probability. This course is of sufficient rigor to prepare students who will take Calculus. Graphing calculator is required.

Statistics

1 unit – 36 wks.

Prerequisite: Algebra IIB or Algebra II

Open to Grade: 11 – 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. Graphing calculator is required.

Pre-Calculus

1 unit – 36 wks.

Prerequisite: Algebra II and teacher recommendation

Open to Grades: 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 Grades: 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. Students with an F for the 1st quarter will be placed into regular Pre-Calculus for the remainder of the year. *Weighted grading scale used.

Calculus

1 unit – 36 wks.

Prerequisite: Pre-Calculus and teacher recommendation

Open to Grades: 10 – 12

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. Graphing calculator is required.

AP Statistics*

1 unit – 36 wks.

Prerequisite: Honors Pre-Calculus co-currently or A in Pre-Calculus.

Open to Grade: 10 – 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 \$95. Graphing calculator is required. Students with an F for the 1st quarter will be placed into regular Statistics for the remainder of the year. *Weighted grading scale used.

AP Calculus AB*

1 unit – 36 wks.

Prerequisite: Honors Pre-Calculus or Calculus and teacher recommendation

Open to Grades: 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, with special emphasis on application to real problematic situations. AP Test fee is approximately \$95. Graphing calculator is required. Students with an F for the 1st quarter will be placed into regular Calculus for the remainder of the year. *Weighted grading scale used.

AP Calculus BC*

1 unit – 36 wks.

Prerequisite: AP Calculus AB 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 \$95. Graphing calculator is required. *Weighted grading scale used.

SCIENCE

+ Denotes a course considered an Advanced Science (used for the purposes of Honors Diplomas).

Biology

1 unit – 36 wks.

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. Emphasis 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. ***There is a state end of course exam for this course. Course Fee***

Honors Biology*

1 unit – 36 wks.

Prerequisite: Algebra I or Geometry and teacher recommendation or by placement test.

Open to Grade: 9

This course covers the same topics as those in Biology, but is designed to be more challenging and to cover most topics in-depth. *Weighted grading scale used. ***There is a state end of course exam for this course. Course Fee***

Environmental Science+

1 unit – 36 wks.

Prerequisite: Biology, Chemistry or Principles of Chemistry & Physics

Open to Grades: 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. *Course Fee*

AP Environmental Science+

1 unit – 36 wks.

Prerequisite: Biology, Chemistry or Principles of Chemistry & Physics

Open to Grades: 11 – 12

This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. AP Test fee is approximately \$95. *Weighted grading scale used. *Course Fee*

Chemistry+

1 unit – 36 wks.

Prerequisite: Completion of Biology and Algebra II (can be concurrent)

Open to Grades: 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. *Course Fee*

Honors Chemistry*+

1 unit – 36 wks.

Prerequisite: Biology and Algebra II or enrolled in Honors Algebra II

Open to Grades: 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. *Course Fee*

Principles of Chemistry & 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. This class does not meet the criteria for Advanced Science as required for the Honors Diploma.

Physics+

1 unit – 36 wks.

Prerequisite: Chemistry and Algebra II

Open to Grades: 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.

Course Fee

Honors Physics*+

1 unit – 36 wks.

Prerequisite: Chemistry and Honors Algebra II or Pre-Calculus concurrently.

Open to Grades: 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.

Course Fee

AP Biology*+

1.25 units – 36 wks.

Prerequisite: Honors Biology and Honors Chemistry.

Open to Grades: 11 – 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 \$95. *Weighted grading scale used. *Course Fee*

AP Chemistry*+

1.25 units – 36 wks.

Prerequisites: Honors Chemistry and Honors Algebra II

Open to Grades: 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 \$95. *Weighted grading scale used.

Course Fee

AP Physics C*+

1.25 units – 36 wks.

Corequisite: Enrolled in Calculus or higher

Open to Grades: 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 \$95. *Weighted grading scale used. *Course Fee*

Anatomy & Physiology I+

1 unit – 36 wks.

Prerequisites: Biology and Chemistry

Open to Grades: 11 – 12

Emphasis on this year-long course is the structure and function of human systems. Topics include terminology in anatomy and physiology, basic chemistry, cell structure and function, tissues, and the organ systems. This course involves lecture discussions complemented by physiological laboratory exercises, dissections, microscopy, projects, and multimedia. The focus of the course is on the need-to-know facts that must be understood in order to pursue any healthcare career or related education in the field of science. *Course Fee*

Honors Anatomy and Physiology *+

1 unit – 36 wks.

Prerequisites: Biology and Chemistry with a teacher recommendation

Open to Grades: 11 – 12

Emphasis in this 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 microscope work, dissections, physiological activities, and studies of the human organ systems. The focus will be on an introduction to anatomy and physiology, integumentary system, skeletal system, muscular system, the endocrine system, lymphatic system, blood, cardiovascular system, respiratory system, digestive system, urinary system, nervous system, and special senses. Honors Anatomy and Physiology is recommended for students with an interest in human biology, pre-veterinary, and health-related fields. *Weighted grading scale used. *Course Fee*

Biotechnology+

1 unit – 36 wks.

Open to Grades: 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 two 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. *Course Fee*

SOCIAL SCIENCES

Modern World History

1 unit – 36 wks.

Open to Grade: 9

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

Honors Modern World History*

1 unit – 36 wks.

Prerequisite: Teacher recommendation

Open to Grade: 9

This course fulfills the World History requirement for graduation. This course examines world events from 1600 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 to 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, free response essays, and projects. The format and grading for writing assignments are similar to Advanced Placement courses in Social Studies. Further, students are expected to complete independent reading assignments outside of class on a regular basis. *Weighted grading scale used.

United States History

1 unit – 36 wks.

Required: Grade 10

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared

it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. *There is a state end of course exam for this course.*

Honors United States History*

1 unit – 36 wks.

Prerequisite: Honors Modern World History or teacher recommendation

Open to Grade: 10

This course fulfills the American History requirement for graduation. 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 United 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. *There is a state end of course exam for this course.*

*Weighted grading scale used.

AP United States History*

1 unit – 36 wks.

Prerequisite: Honors Modern World History and teacher recommendation

Suggested Grade: 10, but open to grades 10 – 12

This course fulfills the US History requirement for graduation. This course is intended for the mature student who is willing to go beyond the usual expectations. The Advanced Placement Program in US History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US History. Independent research and group projects will be an integral part of this course. Enrolled students will be expected to take the AP US History test in the spring. AP Test fee is approximately \$95. *Weighted grading scale used.

Government

.5 unit – 18 wks.

Required: Grade 11

Students examine from an analytical point of view, fundamental principles of Students examine from an analytical point of view, fundamental principles of democracy, the powers, structure and function of American Government institutions outlined in the U.S. Constitution. Analysis of the fundamental principles of democracy, powers, structure and function of American Government institutions will be augmented with historical and current examples. There will be additional focus on the ways in which public policy is created, how branches and levels of government interact, requirements for voting, the functional role and structure of state and various local governments and the use of different types of fiscal and monetary policy tools used to influence the economy. Finally, the course will also include the exploration of mechanisms citizenry can use to interact with and influence government and public policy. *There is a state end of course exam for this course.*

Economics

.5 unit – 18 wks.

Required: Grade 11

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 lifestyles is stressed.

AP United States Government & Politics*

1 unit – 36 wks.

Prerequisite: Completed a U.S. History Course and teacher recommendation

Open to Grades: 11 – 12

Students who take this course are waived from Highland's Economic requirement for graduation. This course will offer students an analytical perspective on government and politics in the United States. Students will study foundations of American democracy, interaction among branches of government, civil liberties, and civil rights, American political ideologies and beliefs, and political participation. Students will also examine foundational documents, including the constitution, and landmark

Supreme Court cases. Students in this class will prepare and are expected to take the Advanced Placement US Government & Politics test in May, which may qualify them for college credit or advance placement in college. The AP test fee is approximately \$95. *Weighted grading scale used for students who take the AP Exam.

Current Issues

.5 unit – 18 wks.

Open to Grades: 9 – 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 the internet will be utilized for the duration of the course.

Establishing Entrepreneurship

.5 unit – 18 wks.

Open to Grades: 10 – 12

This course 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. The course is aimed at students seeking to become entrepreneurs and looking to gain experience in a field or area of interest, and using that experience and expertise to establish a business. Entrepreneurship is open to all students in grades 10 – 12, but Highland sophomores interested in attending Medina County Career Center are encouraged to take this course.

Ancient World History I

.5 unit – 18 wks.

Open to Grades: 10 – 12

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

Ancient World History II

.5 unit – 18 wks.

Open to Grades: 10 – 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.

AP European History*

1 unit – 36 wks.

Prerequisite: Completed an Honors or AP level US History course and teacher recommendation

Open to Grades: 11 – 12

In this introductory college-level European history course, students will learn about the cultural, economic, and political developments that have shaped Europe from 1450 to present. Students will cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments. Students in this class will prepare and are expected to take the Advanced Placement European History test in May, which may qualify for college credit or advanced placement in college. The AP test fee is approximately \$95. *Weighted grading scale used

History Via Sports

.5 unit – 18 wks.

Prerequisite: Teacher recommendation

Open to Grades: 11 – 12

This course will cover economics, legal and constitutional issues, and sociological aspects of sports in America. 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.

Psychology

.5 unit – 18 wks.

Open to Grade: 11 – 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.

Sociology

.5 unit – 18 wks.

Open to Grade: 11 – 12

Sociology is the study of groups, social change and the understanding of sociological perspectives. This college prep course will investigate the topics of sociological research, culture, socialization, groups and organizations, race, gender, age, family, education, and social movements.

AP Psychology*

1 unit – 36 wks.

Prerequisite: Teacher recommendation

Open to Grade: 12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The AP test fee is approximately \$95. *Weighted grading scale used.

WORLD LANGUAGE

French I

1 unit – 36 wks.

Open to Grades: 9 – 12

Conversation, pronunciation, grammar, vocabulary, the geography and culture of France are introduced. Oral and written proficiency are stressed, as students learn the basic building blocks of the French language. The history and cultural importance of Paris are studied in detail. This course is taught in both French and English. *Course Fee*

French II

1 unit – 36 wks.

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

Open to Grades: 9 – 12

Conversation, pronunciation, and grammar continue to be emphasized. Writing becomes more important as the knowledge of grammar and vocabulary is expanded. The regions of France are studied in detail. This course is taught primarily in French.

French III*

1 unit – 36 wks.

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

Open to Grades: 10 – 12

Emphasis is placed on the finer points of grammar and additional vocabulary. Short essay writing and cultural readings are employed. Cultural units include francophone countries and overseas territories of France. At this level, students are encouraged to use French exclusively in the classroom. *Weighted grading scale used. *Course Fee*

French IV*

1 unit – 36 wks.

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

Open to Grade: 11 – 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. Current events and cultural

phenomena of the francophone world are studied in detail, as well as the AP course themes. At this level, students are encouraged to use French exclusively in the classroom. This class is considered a pre-AP course. *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 and is guided by the College Board AP curriculum. Students are highly encouraged to take the AP test at the conclusion of the course. The AP test fee is approximately \$95. *Weighted grading scale used.

Latin I

1 unit – 36 wks.

Open to Grades: 9 – 12

Latin I emphasizes the fundamentals of all language, namely grammar, vocabulary, and sentence structure. All four years of study utilize the reading method for Latin comprehension, using Cambridge Latin, Units I-IV. Students become familiar with Roman history, geography, and mythology. The emphasis is on the reading, writing and translation of Latin 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 Grades: 10 – 12

Latin II will continue to focus on reading fluency and comprehension with the *Cambridge Latin* series. Grammar, vocabulary, syntax, and sentence structure will be continued. Latin literature will focus on early Roman history and mythology.

Latin III*

1 unit – 36 wks.

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

Open to Grades: 11 – 12

Latin III will include a comprehensive review of all grammatical concepts learned in Latin I and II. Students will use the *Cambridge Latin*, which focuses on increasing their reading fluency and comprehension. The geography of the Roman Empire and Italy will also be covered. *Weighted grading scale used.

Latin IV*

1 unit – 36 wks.

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 and finish Unit 4 in the *Cambridge Latin* series. Students will study the lives and writings of the most prominent Roman authors, including Virgil, 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.

Open to Grades: 9 – 12

Linguistics, culture, vocabulary, traditional grammar and verb forms are studied. Skills in reading, listening and communication are developed.

Spanish II

1 unit – 36 wks.

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

Open to Grades: 9 – 12

Vocabulary, grammar, verb forms, culture, and linguistics are studied. Writing and speaking skills are enhanced.

Conversational Spanish

1 unit – 36 wks.

Prerequisite: Spanish I and II

Open to Grades: 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 Grades: 10 – 12

Grammar study emphasizes the finer points of the language. The students practice conversational and writing skills, aiming for more native-like communication. *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: 11 – 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. *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. AP Test fee is approximately \$95. *Weighted grading scale used.

Mandarin (Chinese) I

1 unit – 36 wks.

Open to Grades: 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 Grades: 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 Grades: 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 Grades: 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. Short essay writing and cultural readings are employed. *Weighted grading scale used.

AP Chinese Language & Culture*

1 unit – 36 wks.

Prerequisite: Mandarin Chinese IV

Open to Grade: 12

The AP Chinese Language & 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 related to the richness of Chinese language and culture. AP Test fee is approximately \$95. *Weighted grading scale used.

ELECTIVES

Computer Applications

.5 unit – 18 wks.

Open to Grades: 9 – 12

Be the next big business! In this project-based course, students will learn a variety of productivity tools as they simulate the development and proposal of a business idea to investors. Using the basic and advanced tools of Microsoft Office: Word, Excel, Access, Powerpoint and Publisher you will build your business proposal, you will be including financials, advertising, business cards, front end databases, mail mergers as well as your own business site in Google Sites. *Course Fee*

Computer Science I

.5 unit – 18 wks.

Open to Grades: 9 – 12

This course includes foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills through the development of video games using JavaScript. Content includes variables, input, control structures, functions, graphics, and basic data structures. *Course Fee*

Computer Science II

.5 unit – 18 wks.

Prerequisite: Computer Science I

Open to Grades: 9 – 12

This course is designed to expand upon concepts learned in Computer Science I and to reinforce these concepts through project-based activities including the fundamentals of Python. Students will learn more sophisticated strategies for algorithm design, text data structures and strings while creating more advanced interactive applications. *Course Fee*

AP Computer Science Principles*

.5 unit – 18 wks.

Open to Grades: 10 – 12

Prerequisite: Computer Science I & II

AP Computer Science Principles will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. With a unique focus

on creative problem solving and real-world applications, students will explore several important topics of computing using their own ideas and creativity, create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field. The AP test fee is approximately \$95. *Weighted grading scale used.

Career and College Readiness

.5 unit – 18 wks.

Open to Grades: 11 – 12

In this course, students will research colleges and potential careers, and develop the skills to pursue them. Emphasis will be on writing for college admissions and general coursework, as well as writing for job searches - including resumes, cover letters, and other types of writing needed for professional careers. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.

Web Design

.5 unit – 18 wks.

Open to Grades: 9 – 12

Web Design is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi-page websites. Students will learn the foundations of user interface design, rapid prototyping, and user testing, and will work together to create professional, mobile-responsive websites.

Financial Literacy

.5 unit – 18 wks.

Open to Grades: 9 – 12

Financial Literacy is defined as the ability to read, analyze, manage and communicate about personal financial conditions that affect one's material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future, and respond completely

to life events that affect every day financial decisions, including events in the general economy. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Fundamentals of Cybersecurity

.5 unit – 18 wks.

Open to Grades: 9 – 12

Cybersecurity is designed for students with some exposure to computer science, but there are no specific course prerequisites. Students will learn foundational cybersecurity topics including networking fundamentals, software security, system administration, and the basics of cryptography and programming, all through the CodeHS web-based platform. The entirely web-based curriculum is made up of a series of learning modules that cover the fundamentals of cybersecurity. Each module is made up of short video tutorials, example programs, quizzes, simulations, programming exercises, and free-

response prompts. This is not a coding-intensive course, but students will learn basic SQL and JavaScript, and will utilize basic HTML and JavaScript within specific contexts while being provided with support within those contexts.

Video Game Design

.5 unit – 18 wks.

Open to Grades: 10 – 12

Prerequisite: Computer Science I & II

The video game design curriculum teaches the foundations of creating video games in JavaScript. Its curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the course, they will have learned material equivalent to a semester college introductory course in computer science and be able to program in JavaScript

SPECIAL EDUCATION

Individualized educational programs (IEP) 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

Learning Center

.25 unit – 18 wks.

Grades: 9 – 12

This course is designed to support students as they develop relevant life skills, including exploring careers and making meaningful decisions about college and career choices. The course will support students as they: a.) discover their personal strengths and abilities; b.) understand opportunities in different career areas; c.) practice the skills necessary to excel in the workforce and postsecondary learning setting. This class will be graded as a Pass/Fail.

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

APPENDIX

HIGHLAND HIGH SCHOOL FOUR-YEAR-ACADEMIC OUTLINE								
Name								
Educational Goals		Goal 1:			Goal 2:			
Career Goal		Goal 1:			Goal 2:			
Subject	<u>FRESHMAN</u>	CR	<u>SOPHOMORE</u>	CR	<u>JUNIOR</u>	CR	<u>SENIOR</u>	CR
English (4)*	English 9		English 10		English 11			
Speech (.5)								
Math (4)								
Science (3)	Biology							
Social Studies (3)	Modern World		U.S. History		Govt/Economics			
Financial Literacy (.5)***								
World Language (1)**								
Fine Art (1)								
Health (.5)								
Physical Education (.5)								
+ Electives to meet minimum of 21 Credits								
Year Total								
Four Year Total								
<p>*English – Colleges recommend four full years of English Literature/Composition. In addition, Highland High School requires .5 of Speech. Class of 2027 and beyond does not need to complete Speech.</p> <p>**One Unit of World Language or Reading Development.</p> <p>*** Required for class of 2026 and beyond.</p>								

Request to take Fine Arts Class for Pass Fail

In Accordance with the Highland High School Program of Study, students are able to request taking a fine arts class for Pass/Fail once they have met the graduation criteria of taking one credit of fine arts for a grade. Students need to complete this form and review with their counselor prior to taking the course.

Student Name: _____

Fine arts class requested for P/F: _____

Year class was completed: _____

Student signature: _____

Parent signature: _____

Counselor signature: _____

Office use only

Added to transcript:

Date:

Ohio's High School Graduation Requirements Classes of 2023 and Beyond

It's Your **Future.** Get **Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1.

Demonstrate Two Career-Focused Activities:

Foundational

Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

*At least one of the two must be a Foundational skill

Option 2.

Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3.

Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

GRADUATION COMPETENCY AND READINESS CHECK

Student Name: _____ Graduation Year _____ Date: _____

COMPETENCY

Students must earn a competent score of 684 on both subject tests. Students who do not pass must retake each test at least once.

Algebra 1: _____ AND English 10: _____

READINESS

Students must choose from 2 Ohio Graduation Seals. At least one must be state-defined.

State Seal: _____ AND Local/State Seal: _____

STATE DEFINED SEALS (must earn at least one state seal)

___ CITIZENSHIP SEAL (one of the following)

- ___ Earned 700+ /"3" or higher EOC on U.S. History _____ and Govt _____
- ___ Earned at least a 2 on appropriate Advanced Placement course tests
- ___ Earned a final course grade of "B" or higher in appropriate CCP classes
- ___ Earned a final course grade of "B" or higher in both an American History course and/or an American Government course offered by the student's high school

___ SCIENCE SEAL (one of the following)

- ___ Earned 700+ /"3" or higher EOC on Biology _____
- ___ Earned at least a 2 on appropriate Advanced Placement course test
- ___ Earned a final course grade of "B" or higher in appropriate CCP class
- ___ Earned a final course grade of "B" or higher in advanced science course

___ TECHNOLOGY SEAL (one of the following)

- ___ Earned at least a 2 on appropriate Advanced Placement course test
- ___ Earned a final course grade of "B" or higher in appropriate CCP class
- ___ District approved courses. Must complete 1.00 credits total. Circle courses completed:
 Computer Applications (.5 cr) Computer Science I (.5 cr)
 Computer Science II (.5 cr) AP Computer Science Principles (1 cr)
 Web Design (.5 cr) Fundamentals of Cybersecurity (.5 cr)
 Video Game Design (.5 cr)

___ HONORS DIPLOMA SEAL (earn one of six honors diplomas)

Academic Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma
International Baccalaureate Honors Diploma	Arts Honors Diploma	Social Science and Civic Engagement Honors Diploma

___ COLLEGE-READY SEAL

Earn remediation-free scores on the ACT or SAT

___ ACT English 18, Reading 22, Math 22 or ___ SAT Reading & Writing 480, Math 530

___ STATE SEAL OF BILITERACY ([details](#))

Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English. Must be verified by a World Language Teacher.

___ MILITARY ENLISTMENT SEAL

Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or
Participate in an approved JROTC program.

___ OHIOMEANSJOBS READINESS SEAL ([details](#))

Complete documentation and obtain required signatures

___ INDUSTRY RECOGNIZED CREDENTIAL SEAL (CTE)

Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions. List CTE credential: _____

LOCALLY DEFINED SEALS

___ FINE AND PERFORMING ARTS SEAL (locally defined)

Earn 4 high school credits in fine and/or performing arts OR be involved in a minimum of 3 Black Box or Main Stage productions. Official form is available in and must be filed with the Counseling Department.

___ COMMUNITY SERVICE SEAL (locally defined)

Earned through the completion of 15 hours of service between 11th and 12th grade. Students must provide documentation via an official form available in and to be filed with the Counseling Department.

___ STUDENT ENGAGEMENT SEAL (locally defined)

Students must participate in at least one Board-approved extracurricular activities during high school per year. Eligible activities include participation in an athletic program, recognized school club, or student government that does not earn academic credit. Active participation is described as a minimum of 80% attendance. Students must provide documentation to the Counseling Office with a signature from advisor/coach to verify participation.

9th Grade Year:	10th Grade Year:	11th Grade Year:	12th Grade Year:
Activity:	Activity:	Activity:	Activity:

HIGHLAND HIGH SCHOOL

4150 Ridge Road, Medina, Ohio 44256

Phone: 330-239-1901 / Fax: 330-239-7385

Akron: 330-686-1901 / Cleveland/Hinckley: 330-278-2727

www.highlandschools.org



Community Service Seal Verification Form

Highland High School is offering the opportunity to document a senior project that is unique to the individual student. Acceptable projects may include:

Service Learning: Contact a non-profit agency or organization and complete a project that is outlined in cooperation with the entity.

Volunteer Experience: Complete a minimum of 15 volunteer hours with a not-for-profit organization, service club or community organization.

The criteria are designed to be flexible to meet individual interests and schedules. The key to a successful experience is finding a person or organization willing to work with you. Most adults are willing and eager to promote their chosen career and many organizations have projects or volunteer opportunities available.

Steps to Complete the Project:

_____ Determine your area of interest.

_____ Contact an adult to request a meeting to gain their interest in working with you.

_____ Complete the project and the verification form as documentation.

_____ Complete the required verification form as documentation for previously completed experiences that meet the criteria.

_____ Submit the verification form to the Counseling Office before Spring Break of senior year.

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Senior Career Exploration/Service Learning/Volunteer Experience Verification Form

*(Project to be completed by Spring Break of Senior year.
Hours may start no earlier than August of Junior year.)*

Grad Year: _____

Last Name: _____ First Name: _____

Volunteer Area: _____ Organization: _____

Contact Person/Advisor: _____

Title: _____ Email/Telephone: _____

Brief Description of Experience:

Service Learning/or Volunteer Experience: At the conclusion of the experience the following signatures verify that the student has satisfactorily completed a minimum of 15 hours toward this experience.

Dates: _____ Total Time in Hours _____

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Contact Person Signature: _____ Date: _____

This completed form is to be turned in to the Counseling Office before Spring Break of Senior Year