

HIGHLAND HIGH SCHOOL GRADUATION REQUIREMENTS

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

REQUIRED COURSES AND CREDITS (see page 2 & 3 for MCCC requirements)

Twenty (21) units of credit are required for graduation, including the following requirements:

- | | |
|-----------------------------------|------------------------------------------------------------------|
| a. English: | 4 units (Speech, English 9, 10, 11 and an elective) |
| b. Social Science: | 3 units (Modern World History, American History, and Government) |
| c. Mathematics: | 3 units |
| d. Science: | 3 units (Integrated Physical Science, Biology, and electives) |
| e. Visual or Performing Arts: | 1 unit (Art, Music or Theatre) |
| f. Health and Physical Education: | 1 unit |
| g. Foreign Language or Reading: | 1 unit |

General Education Course Sequence (Sample)

Grade 9

English 9
Speech
Modern World History
Integrated Math I or Algebra I
Integrated Physical Science
Physical Education
Foreign Language or Reading
Art or Music

Grade 10

English 10
American History
Integrated Math I or II, Algebra I or Geometry
Biology
Art, Music or Theatre
Physical Education/Health
Foreign Language or Reading
Art, Music, or Theater
Home Economics or Business Course

Grade 11

English 11
Social Science Elective
Math Selection 3
Science Selection 3
Art, Music or Theatre
Foreign Language or Reading
Home Economics or Business Course

Grade 12

.5 unit of English
American Government
Math Elective
Science Elective
Art, Music or Theatre
Foreign Language or Reading
Home Economics or Business Course

Recommended College Preparatory Program

- a. English: 4 units (with an emphasis on composition)
- b. Social Science: 3 units
- c. Mathematics: 3 units (at least one of which should be taken as a senior Algebra I, Geometry and Algebra II as a minimum)
- d. Science: 3 units
- e. Foreign Language: 2 units of one language
- f. Visual or Performing Arts: 1 unit

College Preparatory Course Sequence (Sample)

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

Grade 9

English 9, Speech
Modern World History
Integrated Math I, Algebra I
Geometry or Algebra II
Integrated Physical Science
Foreign Language I
Art, Music or Theatre
Physical Education

Grade 10

English 10
American History
Integrated Math II, Geometry,
Algebra II, or Functions/Statistics/Trig.
Biology
Foreign Language II
Art, Music or Theatre
Physical Education/Health

Grade 11

English 11
Integrated Math III, Algebra II,
Or Functions/Statistics/Trig.
Chemistry (required for nursing)
Foreign Language III
Art, Music or Theatre

Grade 12

English 12/Honors English 12/AP English 12
American Government
Functions/Statistics/Trig. or Calculus
Physics
Foreign Language IV
Art, Music or Theatre

MEDINA COUNTY CAREER CENTER

Highland High School juniors and seniors have the opportunity to attend the Medina County Career Center, offering over 23 career technical programs along with a wide variety of college prep electives and academics.

Students who intend to enroll at the Career Center must have completed two years of high school and should plan ahead to be sure they are earning all necessary credits required for graduation and/or college entrance. Students wishing to take academic course work unavailable at MCCC may be eligible to attend using a half-day option with counselor recommendation and approval from the principal.

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

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

Arts & Media Communications Majors

Graphic Art & Printing Technology
Multi-Media / Digital Design

Commercial/Residential Construction & Landscaping Systems Majors

Building Trades
Carpentry
Heating, Ventilation and Air Conditioning (HVAC)
Landscape Design & Turf Management

Computer Information Systems Technology Majors

Computer Science & Forensics
E-Commerce Specialist
Engineering Technologies & Design
Software Engineering & Web Development

Health, Wellness & Public Safety Majors

Animal Management & Care
Chef & Restaurant Management
Cosmetology
Diversified Medical Technologies
Early Childhood Education
Public Safety
Sports Fitness Training
Teacher Education Academy

Transportation & Industrial Technology Majors

Auto Collision Technology
Automotive Technology
Commercial Truck & Equipment Technology
Power Equipment Technology
Precision Machining Technology

Non Recruitment Programming – ½ day option only

Culinary Arts & Textile Services (by associate school referral)
Custodial Maintenance (by associate school referral)

CAREER CENTER ACADEMIC OFFERINGS

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

ENGLISH

Advanced English (1 credit)
British Literature (1 credit)
English: The Teenager/Young Adult (.5 credit)
English III (1 credit)
Introduction to Fiction (.5 credit)
Journalism (.5 credit)
Speech (.5 credit)

MATHEMATICS

Algebra I (1 credit)
Algebra II (1 credit) (college credit possible)
Calculus (1 credit)
Comprehensive Math (1 credit)
Geometry (1 credit)
Integrated Mathematics (1 credit)
Math Analysis (1 credit)

SOCIAL STUDIES

American Government (.5 credit)
American History (.5 credit)
Economics (.5 credit)
Comprehensive Economics (.5 credit)
Comprehensive Government (.5 credit)
Psychology (.5 credit)
Sociology (.5 credit)

SCIENCE

Advanced Physics (1 credit)
Anatomy and Physiology (1 credit)
Advanced Biology (1 credit)
Chemistry (1 credit)
Comprehensive Science (1 credit)
Environmental Science (1 credit)
Fundamentals of Aeronautics (Physics) (1 credit)
Health Bio-Chemistry (.5 credit)
Integrated Science (Physical Science) (1 credit)
Physics (1 credit)

ELECTIVES

Computer Technology I (.5 credit)
Computer Technology II (.5 credit)
(HTI) Home Technology Integration (2 credits)
Literacy (.5 credit)
Personal & Professional Financial Planning (.5 credit)
Professional Development for the Workplace (.5 credit)
Spanish I, II, III, IV (1 credit)
Technology Boot Camp (.5 credit)

For detailed program information and course descriptions, contact the Admissions Office for a course catalogue.

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kalina@mcjvs.org

Both the Ohio Department of Education and the National Collegiate Athletic Association (NCAA) accredit Medina County Career Center technical and academic courses.

The Medina County Career Center is committed to equal opportunity for all and does not discriminate on the basis of race, color, religion, national origin, age, or disability.

Vocational Preparatory Course Sequence

English 9	English 10
Speech	American History
Modern World History	Integrated Math II, Algebra I or Geometry
Integrated Math I or Algebra I	Biology
Integrated Physical Science	Home Economics or Art
Home Economics or Art	Physical Education
Physical Education	Health

CREDIT RESTRICTIONS

A maximum of 1 unit within the required 21 for graduation may be comprised of courses, which carry less than .5 unit of value.

EXAMPLE	Physical Education	.25
	Library Science	.25

All other .25 units will be added to the student's accumulated units, but will not be included in the 21 units required for graduation.

CLASS STANDING

A student must have:

- 4.75 units of credit for sophomore standing,
- 9 units of credit for junior standing, and
- 15 units of credit for senior standing.

PROFICIENCY TESTS AND DIFFERENTIATED DIPLOMAS

The State Board of Education is required by law to establish a statewide program to test student proficiency in reading, writing, mathematics, science and citizenship. The stated purpose of this program is to ensure that each student who receives a high school diploma is able to demonstrate at least high school levels of literacy and basic competency in these areas.

Students must pass the Ohio Graduation Test (OGT) for a diploma.** This test must be administered at least once annually to all tenth-grade students and at least twice annually to all students in the eleventh or twelfth grade who have not yet attained a passing score in all of the subject areas. **Students who do not pass the Ohio Graduation Test are not permitted to participate in Commencement.** Students do not receive a certificate of attendance or course completion. The date the student passes each section of the test is recorded on his or her transcript.

****Ohio Revised Code (RC3313.615) provides the following alternative for earning a diploma:**

- 1) pass 4 of 5 tests
- 2) missed "proficient" score by 10 points or fewer on the failed test
- 3) 97% attendance, no expulsion
- 4) 2.5 GPA in courses of test not passed
- 5) Participate in intervention
- 6) Letters recommending graduation from principal and teachers, and
- 7) Complete high school curriculum requirements in the subject not passed in the subject of test not passed

Any person who has completed high school, but who has not received a diploma, must be permitted to take the Ohio Graduation Test at any time such test is administered in the district.

Diploma: Students who pass the high school proficiency tests and meet the Highland graduation requirements will be issued a Highland High School Diploma.

Criteria for Diploma with Honors

Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly. The student must meet the requirements for the regular diploma plus criteria for honors listed below. The student who completes the college preparatory curriculum in high school must meet any eight of the following nine criteria:

- (a) four units of English
- (b) three units of mathematics that include Algebra I, Algebra II, and Geometry or complete a three-year sequence of courses that contain equivalent content
- (c) at least three units of science that include instructional emphasis on the physical, life, and earth and space sciences
- (d) three units of social studies
- (e) either three units of one foreign language or two units each of two foreign languages
- (f) one unit of fine arts
- (g) either one unit of business/technology and two additional units in (a) through (f) above or earn three additional units, in (a) through (f) above
- (h) maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year
- (i) obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite on the Scholastic Assessment Tests (SAT)

The student who complete an intensive career-technical education curriculum in the high school must meet any nine of the following ten criteria:

- (a) four units of English which may include one unit of applied communication
- (b) three units of mathematics which should include algebra and geometry or a sequence of courses that contain equivalent content
- (c) three units of science that develop concepts for physical, life and earth and space sciences
- (d) three units of social studies
- (e) two units of a foreign language; or two units of business/technology; or one unit of each
- (f) three units in the student's career-technical education curriculum
- (g) two additional units in (a) through (f) above, or in fine arts
- (h) maintain an overall high school grade point average of at least a 3.5 on a 4.0 point scale up to the last grading period of the senior year
- (i) complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio Vocational Competency Assessment or the equivalent
- (j) obtain a composite score of 27 on the ACT tests or an equivalent composite score on the Scholastic Assessment Tests (SAT).

CURRICULUM RELATED AWARDS

PRESIDENT'S AWARD FOR EDUCATIONAL EXCELLENCE

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

PRESIDENT'S AWARD FOR EDUCATIONAL IMPROVEMENT

This award is to recognize students who show outstanding educational growth, improvement, commitment or intellectual development in their academic subjects, but they do not meet the criteria for the President's Award for Educational Excellence. It is meant to encourage and reward students who work hard and give their best effort in school, in many cases in the face of special obstacles to learning. Criteria includes showing tremendous growth and improvement; showing unusual commitment to learning and improving in academics despite various obstacles; or having a school record which would have qualified for the President's Award for Educational Excellence, however, illness, personal crisis, and/or special needs understandably prevented the student from maintaining such high standards during the year.

AWARD OF MERIT:

The State Board of Education will present the Award of Merit to those who meet the following criteria:

A. College Prep Curriculum Requirements – complete the following minimum requirements:

1. English: 4 units (may include 1 unit of fundamentals of speech)
2. Mathematics: 3 units (must include 1 unit of algebra and 1 unit of geometry)
3. Science: 3 units (must include 2 units from biology, chemistry, and physics)
4. Social Science: 3 units (must include 2 units of history and ½ unit of civics or Government)
5. Foreign Language: 3 units (must include no less than 2 units of any language for which credit is sought, i.e., 3 units of one language or 2 units each of two languages)
6. Complete two units from one or more of the following, or two additional units from one or more of the areas listed in 1 through 5 above:
 - a. Business
 - b. Computer Science
 - c. Visual or Performing Arts

Courses, for which high school credit has been given in the eighth grade, or as part of the post-secondary option, apply to the criteria for the **Award of Merit**. However, at least 21 credits must be earned in grades 9 – 12 for graduation.

B. Vocational Curriculum Requirements:

1. Complete a vocational occupational preparation program
2. Complete the following curriculum requirements:
 - a. English: 4 units
 - b. Mathematics: 3 units
 - c. Science: 3 units
 - d. Social Science: 3 units

Applied academic credits earned via vocational education shall apply to the criteria for the **Award of Merit**.

3. Complete two units from one or more of the following, or two additional units from one or more of the areas listed in B.2 above.
 - a. Business
 - b. Computer Science
 - c. Foreign Language
 - d. Visual or Performing Arts

Award of Merit Performance Criteria:

In addition to the curricular requirements outlined above, students qualifying for the Award of Merit must meet the following four performance criteria:

- A. A student's four-year average attendance (from the beginning of ninth grade up to, but not including, the last grading period of twelfth grade) must equal or exceed the four-year state average high school attendance rate. The average rate will be announced each year by the Department of Education. NOTE: Attendance includes only those days a student is actually in school; excused, unexcused or planned absences are all counted the same as an absence.
- B. The student's grade point average shall include grades from the beginning of ninth grade (or eleventh if that option applies) up to, but not including, the last grading period of twelfth grade. Students will qualify with a 3.25 GPA from grades 9 – 12 or a 3.5 GPA achieved in grades 11 and 12.
- C. The district board of education will establish and disseminate definitions and procedures for determining the degree to which a student's participation in co-curricular, extracurricular, or community activities qualifies for the Award of Merit.
- D. The district board of education will establish whether or not a student has demonstrated outstanding citizenship or character traits.

GENERAL INFORMATION

SCHEDULE CHANGE POLICY:

Schedule changes often create unnecessary problems for the individual student, the faculty and the total school community. It is, therefore, recommended that a student thoroughly plan a high school course of study and not change this schedule on short notice. A student should select electives, which he/she is certain are in the area he/she wishes to pursue.

Schedule Change Procedure – (Read Carefully!):

- A. Students who wish to drop a course to add a study hall will be expected to try the course for at least five weeks.
- B. After the first interim report, students who are failing a course and wish to drop it, may request to add a study hall for the remainder of the semester and add a course second semester. These requests must be in writing with the teacher's and parent's signatures giving permission. Students may add a second semester course only if seats are available. The same procedure will be followed again the second semester after interims have been mailed home.
- C. If a student drops a semester course by the first interim report (five weeks) or a yearlong course by the end of the first grading period (nine weeks), no penalty will be given. A course dropped by the above deadline is taken off the student's record and, therefore, does not affect the GPA. If a course is dropped after the deadline, a **"withdraw failing"** is recorded and does have an impact on the grade point average.

- D. All schedule change requests must be made on a Schedule Change Request form, which is available in the Guidance Office.
- E. After the beginning of the school year, no schedule changes will be made except for the following reasons:
 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. Procedural errors, such as the omission of a required course on a student's original selection blank resulting in an error in computer processing;
 4. Completion of a course in summer school that was also scheduled for the fall;
 5. Major change in a student's career plans.
- F. Requests for additions will be honored during the first two weeks of a course as long as both the student's schedule and the class's size can accommodate the addition.
- G. Students may not enroll or withdraw from any course without the approval of a Counselor or the Principal.
- H. Requests to change teachers will not be granted.
- I. All freshmen and sophomores must carry at least 6 classes per semester. All juniors and seniors must carry at least 5 classes per semester.

COURSES WITH WEIGHTED GRADES:

All regular classes are graded on a 4-point scale:

- A = 4 points
- B = 3 points
- C = 2 points
- D = 1 point
- F = 0 points

The classes marked with an asterisk (*) are graded on weighted, 5-point scale:

- A = 5 points
- B = 4 points
- C = 3 points
- D = 1 point
- F = 0 points

Weighted scale used on these courses:

AP English 11	Honors Functions/Statistics/Trig.	Selected Independent Studies as approved.
AP English 12	Honors Pre BC Calculus	
Honors English 11	AP Calculus AB	Students enrolled in Honors level classes are expected to maintain at least a B average.
Honors English 12	AP Calculus BC	
French III & IV	Honors Chemistry	
German III & IV	Advanced Chemistry	
Latin III & IV	Honors Physics	
Spanish III & IV	AP Biology	
Honors Algebra II	AP American History	

HONORS LEVEL COURSES:

Honors level courses are taught at a highly 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 will need to work diligently in class and be prepared for a large workload outside of class.

Students who withdraw from an honors class to a traditional class (with permission from the counselor and principal) 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.

Each year in May, junior and senior students are expected to take the Advanced Placement Examinations. Each exam is approximately three hours in length. Final grades based on the student's entire examination of free response and multiple choice questions, are reported on a five point scale: 5=extremely qualified; 4=well qualified; 3=qualified; 2=possibly qualified; and 1=no recommendation. Participating colleges normally honor grades and grant credit for a 3 or higher. The examination fee is the responsibility of the student.

SPECIAL PROGRAMS

GUIDED LEARNING:

Guided Learning -- Sem 1	No credit	18 weeks
Guided Learning -- Sem 2	No credit	18 weeks

Prerequisite: Must have a job

Open to Grade: 12

This program has been established to allow seniors who need to be at work prior to the end of the school day to be dismissed at 1:40. Each student in Guided Learning must see a Guidance Counselor to apply for the program during the first week of the semester and must turn in monthly progress reports filled out by the employer. On days the student is not reporting to work, the student must report to study hall. Students not in compliance with all requirements will be dropped from the program and reassigned to Study Hall.

SUMMER SCHOOL:

Students may wish to attend summer school for make-up or additional course work. A maximum student load shall be one new unit per summer, with a maximum of three such units counting toward graduation. The High School Principal must give written approval before summer school credit can be accepted. Required courses (e.g. American History or American Government) are not to be taken in summer school as additional work. They can only be accepted as make-up courses. It is well to remember, however, that there can be no guarantee from one summer to the next that any specific course or courses will be available. The actual offering of any course depends on sufficient student interest and enrollment. Summer school brochures are available in the spring in the Guidance Office. Students should schedule a conference with a counselor if they are interested in enrolling or have any questions regarding the program. In addition to Highland, summer school classes may be taken at a neighboring high school such as Brunswick, Medina, North Royalton or Wadsworth. Summer school will begin in mid-April. Summer School registration is handled through the Director of Curriculum and Instruction at the Central Office.

CORRESPONDENCE:

Correspondence courses must have the prior written approval of the High School Principal in order to receive high school credit.

PRIVATE TUTORING:

Private tutoring must have the prior written approval of the High School Principal in order to receive high school credit.

NIGHT SCHOOL:

Pupils enrolled full time in a regular high school day program are encouraged not to attend evening classes. However, they may attend with prior written approval of the High School Principal.

INDEPENDENT STUDY PROGRAM:

9600: Independent Study

.5 unit

Prerequisite: None

Open to Grade: 9-12

Guidelines

1. The student must obtain a faculty member to serve as an advisor and evaluator for the project.
2. The student and advisor must cooperatively complete an Application for Independent Study (available through the Guidance Office) which will include the following components:
 - a) A comprehensive explanation of what the project will entail in terms of activities and evaluation procedures;
 - b) A timeline showing tentative dates and times for completion of all components of the project;
 - c) Plans for a final presentation of the project (a performance, a showing, a term paper, an oral presentation, a videotape, etc.).
3. The Application Form for Independent Study must be submitted prior to the beginning of the second semester. All Independent Study credits will be granted at the end of the year, regardless of when the actual project is completed.
4. An Advisory Committee that includes the Principal, a guidance counselor, and two teachers (one of whom must be from the department under which the study is sponsored) will study the application to approve, reject or make recommendations to improve the study.
5. The Superintendent must approve the final application and will require a 6-8 page research paper complete with formal notes and bibliography. The paper's format will be in accordance with English Department guidelines.
6. All Independent Study Projects will be graded on an A through F scale. Any project that is approved by the Superintendent but is not completed will earn a grade of F. All projects must be completed one week prior to the end of the second semester.
7. The Independent Study Project requires a minimum of 30 hours of work.
8. Independent Study is scheduled in addition to the required courses in which a student must enroll. It does not count as one of the five or six classes a student must be enrolled in each semester.
9. For students taking Independent Study during a regular class period as advanced courses beyond what is offered at Highland (i.e. fifth year of foreign language, second year of Pascal, etc.), the Independent Study will count as a regular class for enrollment, class ranking, GPA, etc. Grades will be issued each grading period and the weighting of grades will be determined by the Principal at the time of course approval. Projects must be approved during the first week of the semester.

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.

EARLY GRADUATION:

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

Applications and additional information are available in the Guidance Office.

POST-SECONDARY EDUCATIONAL ENROLLMENT OPTION (S.B. 140)

Introduction:

If you are an Ohio ninth, tenth, eleventh, or twelfth grade student, the Post-secondary Enrollment Option Program provides you with an opportunity to take classes at eligible post-secondary institutions. These institutions include community colleges, post-secondary vocational technical institutions, state universities, and many private colleges and universities.

The purpose of the program is to promote rigorous academic pursuits and to provide a wider variety of options to high school students.

How the Program Works:

1. You may enroll in post-secondary, non-religious courses under this program if you are an Ohio ninth, tenth, eleventh, or twelfth grade student. If you are a ninth grader, you may enroll for up to twelve quarters, eight semesters, or the equivalent of four academic years. If you are a tenth grader, you may enroll for up to nine quarters, six semesters, or the equivalent of three academic years. If you are an eleventh grader, you may enroll for up to six quarters, four semesters, or the equivalent of two academic years. If you are a twelfth grader, you may enroll for up to three quarters, two semesters, or the equivalent of one academic year.
2. There are two options related to the type of credit that you elect at the time of your enrollment in a college course. Option A allows you to choose to receive post-secondary (college) credit only. Option B allows you to choose to receive high school credit and post-secondary credit.
3. By March 1, in the years that you are an eighth, ninth, tenth, or eleventh grade student, your high school will provide you and your parents with general information about the program.
4. You and your parents should ask the high school for counseling assistance.
5. By March 30, you must notify your high school if you intend to participate in the program in the following school year. If, for some reason, you change your decision about participating after March 30, you should notify your district immediately. After March 30, if you have not notified your high school and you wish to participate, you will need special permission from your school district.
6. Before you enroll in any courses, you and your parents must sign a statement indicating that you received information about the program and are aware of your responsibilities regarding the program. If you are 18 or older, only your signature will be required.
7. You must be admitted by an eligible post-secondary institution. The post-secondary institution you want to attend may have special entrance requirements you must meet before you can take courses there.
8. You will have to decide whether to take a course for secondary (high school) and post-secondary (college) credit or for post-secondary credit only. If you take more than one course, you may take some for post-secondary credit only (Option A), and some for secondary and post-secondary credit (Option B).
9. Your high school determines the number of high school credits you receive for post-secondary courses taken for secondary credit. If you disagree with the decision, you may appeal to the State Board of Education.
10. If you choose to take the course for post-secondary credit only, you will pay for the cost of tuition, textbooks, materials and fees.
11. If you choose to take the course for secondary and post-secondary credit, the cost of tuition, textbooks, materials and fees will be paid for you. You may need to pay for equipment, which you keep such as tools or calculators. You will receive post-secondary credit from the institution where you took the course. If you decide to enroll in another post-secondary institution, you may request the institution transfer these credits.
12. You may attend a post-secondary institution either full-time or part-time.

13. If you are eligible to graduate from high school early, you still can participate in this program for the rest of your senior year. An early graduate is a student who has completed the graduation requirements before the normal period of time.
14. You may apply to your local school district to be reimbursed for transportation expenses you incur under the program. The State Board of Education has established guidelines to determine eligibility. No funds are available for room and board.
15. Students are required to submit a Credit Authorization Form at the time of enrollment in the post-secondary program. The form is available from the Guidance Office
16. The course work taken under this option will be included in the student's grade point average. Since the home school has no control of the level of these programs, no weighted grades will be issued.
17. Financial arrangements for tuition, books, materials and fees may be made for students taking courses for high school credit.
18. Students returning to Highland High School after the beginning of a term without completing scheduled post-secondary work will be given a zero for all missed work until work is completed. The parent and the student are responsible for the make-up of this work, including any cost incurred by the District; this includes the college tuition charge. This would apply to students returning late because of conflicting schedules or dropping a course.

19. The conversions listed below will be used to convert college work to Carnegie units.

Semester Hours	Carnegie Unit	Quarter Hours	Carnegie Unit
5	1.0	7.5	1.0
4	.8	6	.8
3	.6	5	.65
2	.4	4	.5
1	.2	3	.4
		2	.25
		1	.1

20. Students involved will be permitted to participate in commencement ceremonies IF written verification is provided to indicate passing grades. The diploma will not be issued until a transcript (not a grade card) is received directly from the post-secondary institution. Grades will not be posted without an official transcript from the post-secondary institution.
21. Students may take no more than 35 semester hours or 52.5 quarter hours per school year. Twelve (12) semester hours or twelve (12) quarter hours will constitute full-time status for high school students. Students who take less must take coursework at their home school to maintain status as a full-time student.
22. If a student elects to take a course in a post-secondary institution that has already been taken in high school, the course will appear on the transcript, but will not count toward the 21 units needed for high school graduation.
23. If a student is expelled from home school, the cost of post-secondary courses will be the responsibility of the student and parents, and no high school credit will be awarded.
24. The rules established by the Ohio High School Athletic Association and Highland High School governing athletic participation will be enforced.
25. All available support services (e.g. counseling, testing) that are offered to Highland students will be offered to students utilizing the post-secondary enrollment options.
26. Scheduling responsibilities lie with the student. All requirements for high school graduation must still be met in order to earn a diploma.
27. All participating colleges and universities must provide students with counseling services. We encourage students and parents to utilize these services in making enrollment decisions.

28. Some college transcripts reflect the use of plus and minus grades; however, Highland High School grade point averages will not be calculated using the pluses and minuses.
29. At the conclusion of the term, all textbooks used by Option B students must be returned to the college. If the college does not request them, they must be given to the high school.

ATHLETIC ELIGIBILITY – HIGH SCHOOL

All beginning ninth graders must have passed 75% of subjects in which they are enrolled the immediately preceding grading period.

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

Grades 9-12: To be eligible, a student-athlete must be currently enrolled in a member school and have received passing grades in a minimum of **five** one-credit courses (or the equivalent – 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.

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 pick up the NCAA Guide for College-Bound Student Athlete from the guidance office or the athletic director. Be sure to ask your coach, athletic director or counselor about these requirements or contact the NCAA national office at 1-800-638-3731 or www.ncaa.org. At the end of their junior year, all prospective student athletes should register with the NCAA Initial Eligibility Clearinghouse. See your guidance counselor for details. 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.

INDIVIDUAL CAREER PLAN (ICP)

The Individual Career Plan (ICP) is a set of planning documents initiated by the student with input from parents, teachers, and counselors. It includes a student’s tentative career goal and educational plans. Guidance and classroom activities to support the ICP include the initiation of a career plan in 8th grade; the COPS career interest survey in 9th grade; the PLAN test in 10th grade; Career Center visits in 8th and 10th grades; a career choice paper in 10th grade; resume writing in 11th grade; a College Fair field trip in 11th grade; the ASVAB test in 11th/12th grade; and the senior interview in 12th grade. The Guidance Office also assists students with setting up college visitation and career shadowing experiences.

PLANNING FOR TESTING

October	PSAT	A practice SAT for juniors and academically advanced sophomores that can lead to national scholarships. Registration is early October and a fee is assessed. Testing is always during the third week of October.
October	PLAN	A practice ACT for sophomores with a strong career component. This test is Administered to all sophomores and the fee is paid for by the school district.
February	ASVAB	The Armed Services Vocational Aptitude Test Battery is offered to juniors and seniors interested in participating in a career exploration program. It is a comprehensive career exploration and planning program that is designed to help students explore the world of work.
March	OGT	The Ohio Graduation Tests (OGT) include tests in Reading, Math, Writing, Social Studies and Science. The tests measure content learned through the end of 10 th grade and is aligned to the State of Ohio academic standards. Students must pass each test in order to qualify for a high school diploma. Students not passing can continue to take the tests in the fall and spring of their junior and senior years and during the summer.
May	AP Tests	Advanced Placement Tests offered to students enrolled in AP courses. Registration and fee required.

Note: ACT and SAT College Entrance Exams may be taken at several area high schools and colleges on national test dates. Application packets are available in the guidance office or students can register online at www.act.org or www.college.board.com.

Highland School Code is 363-355

COURSE OFFERINGS

A minimum enrollment of eight (8) 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.

ART

3500: Art I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

Art I is a foundation course that focuses on ways to better understand art and artists through art criticism, art history and studio production. Student progress is assessed in the following ways: objective testing when applicable, application of art criticism techniques when making judgments, and creativity in problem-solving through a variety of media. Students are expected to challenge and build on their own abilities. This course is required for anyone planning a major in art.

3580: Ceramics I .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9-12

The student is introduced to basic handbuilding techniques of ceramics. Studio procedures such as glazing, decorating, firing, and clay recycling will be presented when appropriate. This course will include the study of ceramics from the past and present with a heavy concentration on the elements of design.

3585: Ceramics II - Sculpture .5 unit 18 wks.

Prerequisite: Ceramics I or Advanced Art

Open to Grade: 9-12

Continuation of Ceramic and other malleable media techniques to make thoughts and ideas into 3-dimensional form. Concentration on space and composition.

3620: Crafts I – Fundamentals of Design .5 unit 18 wks.

Prerequisite: None

Open to Grade: 9-12

Introduction to the basic elements and principles of design presented through the Arts and Crafts movement. Special attention is directed to Art Nouveau, Art Deco and Modernism. These topics are a catalyst for making aesthetically pleasing functional objects.

3630: Crafts II .5 unit 18 wks.

Prerequisite: Crafts I or Advanced Art

Open to Grade: 9-12

The student will study and make a variety of culture related crafts such as batik, tie dye, mask making, weaving, and pottery.

3660: Art II 1 unit 36 wks.

Prerequisite: Art I

Open to Grade: 10-12

The first semester will concentrate on traditional drawing such as perspective, form and value which is the basis for all forms of visual art. The second semester will be painting with a variety of materials, techniques and intense color theory. Art II is designed to prepare students who may be interested in visual art as a career and is a prerequisite for Art III and AP Art Studio.

3640: Art History .5 credit 18 wks.

Prerequisite: None

Open to Grade: 11-12

This course is an introduction to the history of Western art from prehistoric times to modern. The syllabus will follow selected art images and their relationship and origin to human belief systems.

3665: Art III 1 unit 36 wks.

Prerequisite: Art II

Open to Grade: 11-12

The first semester will provide an introduction to the history of Western art. Second semester will be studio based with an emphasis on developing breadth in your work in preparation for the AP portfolio. Students will be expected to apply studies from art history to their creative thinking.

3670: Photography I .5 unit 18 wks.

Prerequisite: 1 credit of visual art, teacher permission

Open to Grade: 10-12

This is a general photography course that will introduce the basic parts of the camera and how to use them to create better pictures. Film developing and processing and a general history of photography will be covered as well. There will be a focus on presentation and composition. **Each student will need a manual camera (a 35-mm SLR camera).**

3675: Photography II .5 unit 18 wks.

Prerequisite: Photography I

May be repeated for Advanced Photography credit

Open to Grade: 10-12

This is an advanced class that will explore more about photography and it's 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. **Each student will need a manual camera (1 35-mm SLR camera).**

3686: Graphic Communications .5 unit 18 wks.

Open to Grade: 9-12

This course is an introduction to the elements and principles of design using Adobe Photoshop as a tool. Students will explore the meaning of basic art vocabulary and how it applies to digital imaging.

3700: AP Studio Art* 1 unit 36 wks.

Prerequisite: By Teacher Approval Only

Open to Grade 12

The Advanced Placement art course is for highly motivated seniors who wish to do college-level art work. The guidelines of this course will follow those of the Advanced Placement Program of the College Board. First semester will focus on the development of a portfolio. Second semester will include the development of a thesis and a written commentary on the student's concentration. Students will be accountable for the completion of artwork outside of class. This is a demanding class only for the serious art student.

*Weighted grading scale used.

BUSINESS EDUCATION

1800: Computer Applications

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 9-12

This course provides skills in using the most widely used computer application in *Microsoft Office*. Students will gain hands-on experience in using *Microsoft Word, Excel, Access, Publisher and PowerPoint*. Good keyboarding skills are recommended.

1900: Personal Finance

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 9-12

Personal finance choices grow more complex and far reaching every day. This course will cover financial topics such as use of bank services, cash management, and responsible consumerism. The stock market, bonds, IRA's and mutual funds will be explored as students create, monitor for growth, and manage a mock investment portfolio.

1950: Accounting I

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 9-12

Students will learn the basic concepts of Accounting. This will include recording transactions for a proprietorship and a partnership. Students will also learn how to record entries in various journals, and post to ledger accounts. Work Sheets, Payroll Records, and financial statements, such as the Income Statement and Balance Sheet will be prepared.

1500: Web Design

.5 unit

18 wks.

Prerequisite: Keyboarding Skills

Open to Grade: 10-12

In Web Design, students will study basic web site design concepts including web page creation, web site management, and the enhancement of web pages. This course will be a computer class for students who have prior computer knowledge and keyboarding experience. Students will enhance web pages with graphics, anchors, links, tables, frames, and work collaboratively to plan and develop a web site for a business or organization.

9500: Computer Programming I

.5 unit

18 wks.

Prerequisite: Algebra I or 8th Grade Algebra

Open to Grade: 9-12

This is a beginning computer course to acquaint students with the computer, how it works, what it can do for humans, and how society is using the computer. The course offers hands-on computer use; it also introduces students to VISUAL BASIC programming language and provides an opportunity for them to create and develop their own structured programs.

9510: Programming in PASCAL

.5 unit

18 wks.

Prerequisite: Programming I, Algebra I and II, or teacher approval following exam.

Open to Grade: 10-12

The student learns how to use the computer language PASCAL. The majority of work consists of writing programs involving problem solving and mathematics. Any student planning a career in a field that is math or science related should strongly consider taking this course.

9520: Programming in C++

.5 unit

18 wks.

Prerequisite: Programming I, Algebra I, Geometry, or teacher approval following exam.

Open to Grade: 10-12

The student learns how to use the computer language C++. The majority of work consists of writing programs involving problem solving and mathematics. Any student planning a career in a field that is math or science related should strongly consider taking this course.

ELECTIVES

3690: Stage Craft and Technology

.5 unit

18wks.

Open to Grade: 10-12

This theater technician course will involve the study and practical application of scene design, lighting, sound set construction, and various principles of play production. This class is recommended for students who are interested in participating in the technical aspects of dramatic productions at school. Time outside of school will be required. Students will be assigned technical crew duty for school productions.

9560: TV/Video Production I

.5 unit

18 wks.

Open to Grade: 10-12

Students develop a basic understanding of the television industry, with an emphasis on video production. Working individually and in teams, students produce various video projects both in and outside the studio setting. Students develop communication and technical skills in equipment handling, filming techniques, lighting, editing, script writing, studio operations, and other skills related to video production.

9570: TV/Video Production II

.5 unit

18 wks.

Prerequisite: TV/Video Production I and Teacher Recommendation

Open to Grade 10-12

Students enhance their understanding of the television industry and video production. Working individually and in teams, the students are responsible for broadcasting weekly to the school and monthly to the community. Students will develop in-depth editing, script writing, and technical skills for video production and broadcasting. This course has many deadlines and requires time outside of class.

ENGLISH-LANGUAGE ARTS

5120: English 9

1 unit

36 wks.

Prerequisite: Summer Reading is required.

Open to Grade: 9

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

5130: Accelerated English 9

1 unit

36 wks.

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

Open to Grade: 9

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

5140: Speech I

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 9-10

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.

5210: English 10

1 unit

36 wks.

Prerequisite: English 9, Summer Reading is required.

Open to Grade: 10

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

5220: Accelerated English 10

1 unit

36 wks.

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

Open to Grade: 10

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

5310: English 11 1 unit 36 wks.

Prerequisite: English 10, Summer Reading is required.

Open to Grade: 11

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

5320: Honors English 11* 1 unit 36 wks.

Prerequisite: Accelerated English 10, Summer Reading is required.

Open to Grade: 11

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

Weighted grading scale used.

5330: AP English 11 (American Literature)* 1 unit 36 wks.

Prerequisite: B Average in Accelerated English 10; Summer Reading required. A placement test may be administered.

Open to Grade: 11

As a survey of American literature, the course will include the highlights of American literature from colonial times to the present. The course is geared to the self-motivated student who desires a greater understanding of literary traditions and who plan to take AP English 12. Extensive writing practice is provided to prepare students to take the AP Language and Composition test given in May.

*Weighted grading scale used.

NOTE TO SENIORS: Seniors who do not qualify for 5410 or 5420, and who need a whole unit of English for graduation requirements, should enroll in 5400 or two (2) of the following: 5430, 5520, 5510, 5240, 5530 (College Composition, Creative Writing, Cinematic Literature, Speech II, Library Science).

5400: English 12 1 unit 36 wks.

(British Literature: Reading and Composition)

Prerequisite: English 11, Summer Reading is required.

Open to Grade: 12

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

5410: Honors English 12 (British Literature)* 1 unit 36 wks.

Prerequisite: Honors/AP English 11 or explicit permission from senior English teacher. 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.

5420: AP English 12* 1 unit 36 wks.

Prerequisite: Teacher recommendation; Summer Reading is required.

Open to Grade: 12

This freshman-college level course is for the mature student who has been in Honors 10 and 11 and wishes to continue to stretch his/her intellectual capacities. A college-level text is used to explore in depth poetry, fiction

and drama. Grading is based on vocabulary tests and writings related to the readings. All advance-notice papers are required to be typed. Students enrolled in this course are expected to take the AP Literature and Composition test in May.

*Weighted grading scale used.

5430: College Composition .5 unit 18 wks.

Prerequisite: English 9

Open to Grade: 10-12

This course is designed for the student who senses the need to sharpen writing skills that will be needed for college-level work. Students are presumed to have acquired the basic grammar and paragraphing skills. Emphasis is on sentence variety and coordination and subordination of ideas. Students write extensively on a variety of topics and learn to prepare a research paper that requires formal notes and bibliography. All advance-notice papers are required to be typed.

5510: Cinematic Literature .5 unit 18 wks.

Prerequisite: English 11

Open to Grade: 12

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

5520: Creative Writing .5 unit 18 wks.

Prerequisite: English 9 and 10

Open to Grade: 11-12

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

5540: Reading Development .5 unit 18 wks.

5545: Reading Development .5 unit 18 wks.

Prerequisite: Student must demonstrate developmental reading is needed.

Open to Grade: 9-12

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

5600: Theater/Drama I – Independent Study .5 unit 18 wks.

Open to Grade: 9-12 (This course may be taken over again as an art or English credit by students who took the previous Theater I class.)

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

5650: Theater/Drama II – Independent Study .5 unit 18 wks.

Prerequisite: Experience and/or Theater I and Instructor approval

Open to Grade: 9-12 This course can be taken as an English or art credit.

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

5620: Journalism (Independent Study) 1 unit 36 wks.

Prerequisite: 3.0 overall GPA, Yearbook Advisor's approval and recommendation from 3 teachers

Open to Grade: 10-12

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

5630/5640: Library Science I/II .25 unit 18 wks.

Prerequisite: English 9

Open to Grade: 10-12

Library aides learn basic library procedures and skills. Students are responsible for delivering A-V equipment to the classrooms and returning it to the Media Center at appropriate times. Students also perform a variety of duties such as running the circulation desk and shelving books and magazines. Students who enroll in this course should show an interest in library techniques and a true willingness to work and help others. Students will be responsible for worksheets, quizzes and a final exam.

Note: There will be a limit of 3 aides per period.

5100: Intervention/Review English I 1 unit 36 wks.

Prerequisite: By Counselor Approval Only

Open to Grade: 9

This is an intervention class designed for remedial study in language arts. Students will receive instruction in reading, writing, listening/visual literacy, and oral communications. This course will be highly differentiated meeting the specific needs of enrolled students and will prepare students in the content areas of the Ohio Graduation Tests in reading and writing. Upon completion of the course, students will be expected to move into English 10 or continue with Intervention/Review English II.

5200: Intervention/Review English II 1 unit 36 wks.

Prerequisite: By Counselor Approval Only

Open to Grade: 10-12

This is an intervention class designed for remedial study in language arts. Students will receive instruction in reading, writing, listening/visual literacy, and oral communications. This course will be highly differentiated meeting the specific needs of the students and will prepare students in the content areas tested on the Ohio Graduation Tests in reading and writing.

FOREIGN LANGUAGE

French

2010: French I

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9-12

Conversation, pronunciation, grammar, vocabulary, the geography of France, and the culture of France are studied. Paris is studied in detail. Oral proficiency is stressed. Students are placed in simple situations where they can role-play using their active vocabulary. Reading and writing are minimal. Activities include singing, viewing films, playing games, and receiving pen pals from French-speaking countries. French magazines, books, and music are learning tools at all levels. At each level, a different period of art is studied.

2020: French II

1 unit

36 wks.

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

Open to Grade: 10-12

Conversation, pronunciation and grammar continue to be emphasized. Writing becomes more important as the knowledge of grammar and vocabulary is expanded. Students continue to gather insight into the culture of the French-speaking world.

2030: French III*

1 unit

36 wks.

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

Open to Grade: 11-12

At this level, the student should be able to understand a general conversation on a familiar topic between native speakers. Finer points of grammar and more vocabulary are studied, and reading and writing become a more integral part of the course.

*Weighted grading scale used.

2040: French IV*

1 unit

36 wks.

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

Open to Grade: 12

The culture of the French-speaking world including 19th and 20th century music and sculpture is studied. Excerpts of the literature of the Middle Ages through the 20th century, along with advanced grammar and vocabulary are studied. Students will select the period of art to be studied. At this level, students are encouraged to use French exclusively in the classroom. A more formal approach to reading and writing is emphasized. Students are advised to take placement tests at their chosen college to earn advanced credits and/or class placement.

*Weighted grading scale used.

German

2110: German I

1 unit

36 wks.

Conversation, pronunciation, grammar, and sentence structure are stressed. The history, geography, and way of life of the German-speaking countries are studied. Activities such as viewing films, singing, and games are included in the curriculum.

2120: German II

1 unit

36 wks.

Prerequisite: German I with at least a C average and/or teacher recommendation.

Open to Grade: 10-12

Conversation and grammar are emphasized and writing is improved with more independent work. Culture study is continued from German I with additional activities including native speakers and current magazines.

2130: German III* 1 unit 36 wks.

Prerequisite: German II with at least a B average and teacher recommendation

Open to Grade: 11-12

This course emphasizes the understanding of the history, as well as current trends in the fields of literature, art, music, science, politics, humor, and daily life in Germany and German-speaking countries. Students improve in their ability to converse about daily events, including an understanding of what has made the German culture what it is today. The finer points of grammar are worked on through conversation and increased writing.

Outside reading is required.

*Weighted grading scale used.

2140: German IV* 1 unit 36 wks.

Prerequisite: German III with at least a B average and teacher recommendation

Open to Grade: 12

Students are encouraged to converse and write entirely in German with increased proficiency using advanced grammar and vocabulary. Included in the curriculum is the reading of major works in German and in English (as needed), correlated with the study of art and music, so as to understand the impact of German history and culture on modern society. Students are advised to take placement tests at their chosen college to earn advanced credits and/or class placement. *Weighted grading scale used.

Latin

2310: Latin I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

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

2320: Latin II 1 unit 36 wks.

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

Open to Grade: 10-12

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

2330: Latin III* 1 unit 36 wks.

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

Open to Grade: 11-12

Latin III will include a comprehensive review of all grammatical concepts learned in Latin I and II; the introduction of new syntax with emphasis on subjunctives and subordinate clauses; and the study of Latin literature which includes selections from the stories of Hercules, Ulysses, Jason and the Argonauts, and Julius Caesar's Gaelic Wars.

*Weighted grading scale used.

2340: Latin IV* 1 unit 36 wks.

Prerequisite: Latin III with a B average and teacher recommendation

Open to Grade: 12

Latin IV will focus on a variety of selections from Latin literature. Students will be introduced to and study the lives and writings of the most prominent Roman authors, specifically Cicero, Pliny and/or Ovid. Students will

also have an opportunity to summarize all of the grammar and syntax they have learned over a four-year period. Latin as it relates to usage in modern life will also be emphasized.

*Weighted grading scaled used.

Spanish

2210: Spanish I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

Linguistic concepts, culture, vocabulary, traditional grammar, and verb forms of Spanish are studied. The chief emphasis is on communication and the understanding of how it takes place between two different cultures. The student learns to see how Anglo-Saxons and Hispanics differ in lifestyles and reactions to specific situations. The students study the culture of the South American republics. Skills in reading and in listening are developed while studying such topics as the conquests of Mexico and Peru and the origins of the Spanish language.

2220: Spanish II 1 unit 36 wks.

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

Open to Grade: 10-12

Vocabulary, grammar, verb forms, including the subjunctive and linguistic concepts are studied. Writing and speaking skills are enhanced. Culture studies concentrate on Central America, Mexico, Spain and the Caribbean Islands. The course provides the students with a deeper understanding of fundamentally different cultural attitudes toward society and the world.

2230: Spanish III* 1 unit 36 wks.

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

Open to Grade: 11-12

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

*Weighted grading scale used.

2240: Spanish IV* 1 unit 36 wks.

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

Open to Grade: 12

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

*Weighted grading scale used.

HEALTH AND PHYSICAL EDUCATION

3100: Health

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 9-12

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

3110: Physical Education

.25 unit

18 wks.

Prerequisite: None

Open to Grade: 9 – 12 (This course may be taken an additional time to fulfill the physical education requirement for graduation.)

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

3220:Lifetime Sports

.25

18 wks.

Prerequisite: Minimum .25 unit of Physical Education

Open to Grade: 10 – 12

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

3330: Weight Lifting/Conditioning

.25

18 wks.

Prerequisite: Minimum .25 unit of Physical Education

Open to Grade: 10 – 12

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

Note! Medical disabilities may excuse a student from active participation, but will NOT qualify the student for course credit. All work missed during a medical disability must be made up by making arrangements individually with the instructor and counselor.

VOCATIONAL HOME ECONOMICS

4100: Personal Development .625 units 18 wks.

4200: Resource Management .625 units 18 wks.

Prerequisite: None

Open to Grade: 9-12

Personal Development/Resource Management introduces the student to food buying and preparation, personal and family relations, personal grooming, consumer rights, home management, clothing, sewing, childcare, and home furnishing. Laboratory experiences are used in sewing and cooking.

4400: Nutrition Wellness .625 units 18 wks.

Prerequisite: None

Open to Grade: 10-12

Whether you are trying to be in shape for football, wrestling, volleyball or any other sport, or just want to look and feel good, this course will help you learn to make smart food and fitness choices. This course enables students to determine individual nutritional needs, recognize the importance of fitness and nutrition, and plan meals and snacks for an active, healthy lifestyle. Laboratory experiences are used.

4500: Parenting .625 units 18 wks.

Prerequisite: None

Open to Grade: 10-12

Are children somewhere in your future? This course explores the ages and stages of child development and the challenges of parenting or working with children. Included are developmental needs of children, skills in nurturing children, decisions regarding parenting, and the problems of abuse and neglect. Laboratory experiences are used.

4600: Life Planning .625 units 18 wks.

Prerequisite: None

Open to Grade: 10-12

Thinking about moving out and being on your own? This is the course for you! The student will learn how to find and care for an apartment, plan and prepare nutritious meals, take care of clothing, be a wise consumer, and find and keep a job. Laboratory experiences are used.

4700: Family Relations .625 units 18 wks.

Prerequisite: None

Open to Grade: 10-12

What does it take to live happily ever after? Saying "I do" is just the beginning. This course stresses the work, management and communication skills necessary to build a successful family life. Students explore the interaction between family and work, financial planning, self-identity, life span development, family relationships and the home environment.

4800: Global Cuisine .625 units 18 wks.

Prerequisite: None

Open to Grade: 10-12

America, known as the "Melting Pot" is home to citizens from all cultures, races, and ethnic origins. As we become more internationally mobile, our menus are becoming "Global Cuisine" favoring healthy and nutritious food choices from every corner of the world. We will promote good health and wellness by planning for food shopping as we select international menus to prepare. We will learn to use popular timesaving equipment and track the internal and external factors that influence our food choices.

MATHEMATICS

NOTE: All math courses are to be taken in a numerical, sequential order. Once a student has passed any course (for example: Algebra I #6150) then one cannot take a course with a lower number (example: Integrated Math I #6120). Students scheduled to take Algebra I as freshmen must be well prepared, as they will be required to take Algebra II to meet graduation requirements of three years of math. A graphing calculator is mandatory for all Algebra II and higher classes. Recommended models – TI-83 or TI-84. TI-89 for students planning on taking Calculus.

6050: Intervention/Review Mathematics 1 unit 36 wks.

Prerequisite: By Counselor Approval Only

Open to Grade: 9-12

Intervention/Review Mathematics focuses primarily on general math skills and pre-algebra concepts. This course will be highly differentiated meeting the specific needs of enrolled students and will prepare students in the content areas on the Ohio Graduation Tests in mathematics.

6125: Integrated Math I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9

This class focuses on problem solving, application problems, laboratory experiments, and the use of computer software to develop, practice, and reinforce fundamental mathematical concepts. The coursework includes working with different number systems; problems involving integers, decimals; fractions; and percents; the Order of Operations; evaluating algebraic expressions using formulas; ratios and proportions; solving simple equations; and two-dimensional Geometry. Integrated math courses are designed to prepare students for the Ohio Graduation Test and entry into college and/or the work place. Upon successful completion, students will meet national and state high school standards in the subject area.

6135: Integrated Math II 1 unit 36 wks.

Prerequisite: Integrated Math I or Algebra I

Open to Grade: 10

This class focuses on problem-solving, application problems, laboratory experiments, and the use of computer software to develop, practice, and reinforce introductory topics in Algebra, Geometry, and elementary Probability and Statistics. The coursework includes absolute value; powers; scientific notation; triangles and square roots; similar, congruent, and symmetrical figures; three-dimensional Geometry; topics in probability and statistical data analysis; an extensive exploration of linear functions, and an introduction to quadratics and other polynomial functions. Integrated math courses are designed to prepare students for the Ohio Graduation Test and entry into college and/or the work place. Upon successful completion, students will meet national and state high school standards in the subject area.

6140: Integrated Math III 1 unit 36 wks.

Prerequisite: Integrated Math I and/or II or 2 high school math credits

Open to Grade: 10-12

This course will be an extension and reinforcement of topics studied in Integrated Math I and II as well as introducing new topics in the areas of Algebra and Geometry. Review topics include solving equations and inequalities; probability and statistics; linear functions; and ratios and proportions with an emphasis on application. New topics include solving systems of equations, solving and graphing inequalities with two variables, polynomials and factoring, solving quadratic and other polynomial functions, vectors and trigonometry. Integrated math courses are designed to prepare students for the Ohio Graduation Test and entry

into college and/or the work place. Upon successful completion, students will meet national and state high school standards in the subject area.

6150: Algebra I 1 unit 36 wks.

Prerequisite: Integrated Math I or Counselor's approval

Open to Grade: 9-10

This course covers problems worked with letters rather than numbers, positive and negative numbers, polynomials, equations, mathematical properties and laws, and special products and factoring.

6210: Geometry 1 unit 36 wks.

Prerequisite: Algebra I or 8th Grade Algebra

Open to Grade: 9-12

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

6220: Accelerated Geometry 1 unit 36 wks.

Prerequisite: Algebra I or 8th grade Algebra and Teacher Recommendation

Open to Grade: 9-12

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 both mathematical and non-mathematical situations, further strengthening of basic algebra skills, and appreciating the need for clarity and precision of language. Graphing calculators are a requirement.

6310: Algebra II 1 unit 36 wks.

Prerequisite: Algebra I and Geometry

Open to Grade 10-11

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 radicals, systems of quadratic equations, systems of linear equations, progressions, logarithms, introduction to trigonometry, and a section dealing with permutations, combinations, and probability.

6320: Honors Algebra II* 1 unit 36 wks.

Prerequisite: Algebra I and Accelerated Geometry

Open to Grade: 9-12

Honors Algebra II is for the above-average geometry student who also did extremely well in Algebra I. Included in the course work are operations dealing with sequences and series of numbers, linear functions and relations, polynomials, rational algebraic expressions, trigonometry and circular functions, polar coordinates and vectors, permutations, combinations, probability, matrices and determinants.

*Weighted grading scale used.

6410: Transition to College Math 1 unit 36 wks.
Prerequisite: Algebra I, Geometry and Algebra II or Integrated Math I, II and III
Open to Grade: 12

The Early Math Placement Test given in January of February of the junior year will be the major determining factor in placing students in this class. All prospective college students who score at the level 4 or 5 will be required to take remedial courses at college, unless this course is passed during the student's senior year.

6420: Functions/Statistics/Trigonometry 1 unit 36 wks.
Prerequisite: Geometry and Algebra II
Open to Grade: 10-12

Functions, Statistics, & Trigonometry mathematics is the examination of the number systems and the study of the elementary functions. The number systems include real numbers, irrational numbers, rationals, 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 and have a perceptive mind.

6425: Honors Functions/ Statistics/Trigonometry* 1 unit 36 wks.
Prerequisite: Geometry and Algebra II
Open to Grade: 10-12

This course is for the exceptional mathematics student who is planning to take A.P. Calculus in his/her senior year. Included in the course are the examination of the number systems and the study of elementary functions. The number systems include real numbers, irrational numbers, rationals, 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.

*Weighted grading scale used.

6430: Honors Pre BC Calculus* 1 unit 36 wks.
Prerequisite: Honors Functions/Statistics and Trigonometry and Teacher Recommendation
Open to Grade: 11-12

This is a very rigorous course that prepares the student to take Calculus BC the following year. The topics covered are mathematical logic and reasoning, analyzing functions, functions, equations and inequalities, integers and polynomials, rational numbers and rational functions, trigonometric identities and equations, recursion and mathematical induction, polar coordinates and complex numbers, the derivative in calculus, combinations, graphs and vectors, vectors and the integrals in calculus. Weighted grading scale used.

6440: Calculus 1 unit 36 wks.
Prerequisite: Mathematical Analysis, Trigonometry & Teacher Approval
Open to Grade: 12

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

6445: A.P. Calculus AB*

1 unit

36 wks.

Prerequisite: Honors Functions, Statistics and Trigonometry & Teacher Approval

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.

*Weighted grading scale used.

6460: A.P. Calculus BC*

1 unit

36 wks.

Prerequisite: Pre BC Calculus and Teacher Approval

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.

*Weighted grading scale used.

MUSIC

7200: Marching Band

1.25 unit

38+ wks.

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

Open to Grade: 9-12

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

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

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

Symphonic Band: This band focuses on technical development as well as musical performance. Evening concerts are required. Private lessons are recommended.

7250: Band

1 unit

36 wks.

Prerequisite: Director's Approval

Open to Grade: 9-12

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

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

Students rehearse for 60 minutes during the school day during the marching season then audition for one of the three concert bands. (See 7200 course description.)

7400: Mixed Chorus 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

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

7900: Concert Choir 1 unit 36 wks.

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

Open to Grade: 9-12

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

7600: Added Attraction .5 unit 36 wks.

Prerequisite: Audition and Director's Approval

Open to Grade: 9-12

Vocalists must be enrolled in another Highland High School Choir. The Added Attraction is a Vocal Jazz ensemble of 12 singers. The group performs jazz tunes and jazz arrangements. Rehearsals are held before school. The group performs 15-30 times a year.

7500: Chorale 1 unit 36 wks.

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

Open to Grade: 10-12

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

7700: Highland Women's Chorus 1 unit 36 wks.

Prerequisite: Audition and Director's Approval

Open to Grade: 9-12

Women's Chorus 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.

7800: Music Theory .5 unit 18 wks.

Prerequisite: Enrolled in either band or choir or by permission from H.S. music teacher.

Open to Grade: 10-12

This course is designed for the serious musician interested in an in-depth study of pitch, rhythm, harmony (chord construction and inversion), melody, modulation, and form.

SCIENCE

8130: Intervention/Review Science

1 unit

36 wks.

Prerequisite: By Counselor Approval Only

Open to Grade: 11-12

Intervention/Review Science is a highly differentiated class focused upon meeting the science specific educational needs of enrolled students. Curriculum will focus on core concepts of physical science, biology, and test taking strategies of the Ohio Graduation Test.

8170: Integrated Physical Science

1 unit

36 wks.

Prerequisite: None

Open to Grade: 9

This is the first course of a 3-4 year college preparatory sequence. Laboratory investigations will be used to study the transformations of matter and energy throughout earth systems, the biosphere and the universe. A scientific calculator is required.

8180: Accelerated Integrated Physical Science

1 unit

36 wks.

Prerequisite: Algebra I or Teacher Recommendation

Open to Grade: 9

This is the first course of a 4-year college preparatory science major. Laboratory investigations will be used to study the transformations of matter and energy throughout earth systems, the biosphere and the universe. A scientific calculator is required.

8140: Environmental Science

.5 unit

18 wks.

Prerequisite: Integrated Physical Science

Open to Grade: 11-12

Students will study the effect that man has on his environment. Topics will include the following: physical science, energy, ecology, air, water, land, endangered species and future implications of technology. The purchase of a workbook may be required.

8150: Oceanography

.5 unit

18 wks.

Prerequisite: Integrated Physical Science

Open to Grade: 11-12

Oceanography is a class designed to teach students about the ocean dynamics of the earth. The course requires independent research, reading, and the ability to analyze and draw conclusions from data. Access to a computer and the Internet is an advantage as the student will be responsible for contacting oceanography research facilities around the world.

8200: Biology

1 unit

36 wks.

Prerequisite: Integrated Physical Science

Open to Grade: 10

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

8210: Accelerated Biology

1 unit

36 wks.

Prerequisite: Accelerated Integrated Physical Science with a B average. Incoming Frshmen eligible for this course will be placed by the Guidance Department.

Open to Grade: 9-10

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

8330: Anatomy and Physiology

.5 unit

18 wks.

Prerequisite: Integrated Physical Science and Biology with Teacher Recommendation

Open to Grade: 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. Dissection is required coursework. Anatomy and Physiology is recommended for all students with an interest in human biology and health-related careers.

8345: Forensics I

.5 unit

18 wks.

Prerequisite: Integrated Physical Science and Biology

Open to Grade: 11-12

Forensics involves the application of scientific principles in solving crimes and other mysteries. While the field of criminal forensics will be extensively covered, this course also examines forensic anthropology and applications of forensics in areas such as history. Students will apply principles from all fields of science. The course will involve many labs and projects.

8350: Forensics II

.5 unit

18 wks.

Prerequisite physical science, biology and Forensics I

Open to Grade: 11-12

Forensics II is a continuation of Forensics I. Different aspects of science will be used to solve crimes and other mysteries. History, evidence and scientific principles will be utilized along with concepts learned in Forensics I to solve problems. This course will focus on blood, DNA, serology, toxicology, career exploration and application of the entire Forensics unit to situations in the field. This class will require critical thinking skills throughout the semester. Field trips and guest speakers will be utilized to add reality to the classroom.

8300: Chemistry

1 unit

36 wks.

Prerequisite: Grade of “C” or higher in Biology and Algebra II, or also enrolled in Algebra II

Open to Grade: 11-12

Inorganic chemistry is taught on a pre-college level. Laboratory experiences are used to confirm concepts. Emphasis is placed on atomic theory and structure, percent of composition, bonding types, electron configuration, the Periodic Table and its uses, the mole concept, stoichiometry, gas laws, redox, transitional elements and introduction to organic chemistry. A pocket calculator is required.

8310: Honors Chemistry*

1 unit

36 wks.

Prerequisite: A grade of “B” in both Honors Algebra II & Accelerated Biology; Teacher Approval and enrolled in Honors Functions, Statistics and Trigonometry or a Calculus course

Open to Grade: 11-12

This course covers the same topics as those in Chemistry; however, more emphasis is placed on chemical theory and mathematical problems and on laboratory techniques. Contributions to chemistry by scientists of the past and present are evaluated. The course is designed for students planning a science-related career.

*Weighted grading scale used.

8316: Advanced Chemistry*

.5 unit

18 wks.

Prerequisite: Honors Chemistry or Chemistry and Algebra II with 3.0 average and enrolled in Functions Statistics and Trigonometry. A co-requisite of physics is strongly recommended but is not required for this course.

Open to Grade: 12

This course is designed for students that have completed chemistry and are interested in pursuing a science-related field or have a strong interest in science. Advanced Chemistry is designed to continue to develop independent and critical thinking skills. The course will introduce the student to more complex aspects of chemistry and is designed to expand on the experimental foundations established in the chemistry curriculum and will cover topics such as but not limited to: spectrophotometry, acid-base chemistry, organic chemistry, biochemistry, electrochemistry, thermochemistry, and coordination chemistry. The course will be implemented in a guided-inquiry format that reinforces the student's mastery of techniques and ideas to analyze and interpret them scientifically. In addition, students will be working collaboratively to articulate written materials and ideas on solving a particular problem.

*Weighted grading is used.

8400: Physics

1 unit

36 wks.

Prerequisite: Algebra II

Open to Grade: 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.

8410: Honors Physics*

1 unit

36 wks.

Prerequisite: Precalculus; A grade of "B" in Honors Chemistry

Open to Grade: 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.

8230: AP Biology*

1 unit

36 wks.

Prerequisite: B Average in Biology or Honors Biology and Honors Chemistry

Open to Grade: 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 prior to the start of school. Students are expected to take the AP test in the spring (additional fee applies).

*Weighted Grading Scale used.

SOCIAL SCIENCES

9100: Intervention/Review Social Studies 1 unit 36 wks.

Prerequisite: By Counselor Approval Only

Open to Grade: 11-12

This is an intervention class designed for remedial study in social studies. This course will be highly differentiated meeting the specific needs of enrolled students and will prepare students in the content areas tested on the Ohio Graduation Tests in social studies.

9145: Modern World History 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9

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

9155: American History 1 unit 36 wks.

Prerequisite: None

Open to Grade: 10

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

9310: A.P. American History* 1 unit 36 wks.

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

Open to Grade: 11-12

The Advanced Placement Program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American History. Independent research and group projects will be an integral part of this course. Enrolled students will be expected to take the AP American History test in May.

*Weighted grading scale used.

9350: Honors Economics* .5 unit 18 wks.

Prerequisite: None

Open to Grade: 12

Economics is a 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 relate to one another. Some of the concepts covered are business organization, monopolies, the functions and cost of government and international economic problems. The relationship between these topics and individual life styles is stressed. A good math background is necessary. *Weighted grading scale used.

9400: American Government 1 unit 36 wks.

Prerequisite: None

Open to Grade: 12

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

9420: Sociology

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 12

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

9430: History Via Sports

.5 unit

18 wks.

Prerequisite: Teacher recommendation

Open to Grade: 11-12

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

9110: World Geography

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 10-12

Physical and cultural aspects of world geography are studied; this includes the major geographical areas of the following: Middle East, Anglo-America, South America, Western and Eastern Europe, Africa, and the breakup of the Soviet Union.

9120: World History I

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 10-12

This course includes the study of the Ancient Civilizations of China, India, the Egyptian Empire, the Greek and Roman Civilizations, and Mesopotamia. An overview of World Religions is presented.

9130: World History II

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 10-12

This course begins with the foundations of Medieval Europe, the development of monarchies in Europe, the study of reformation, absolutism, and political philosophers, the establishment of limited monarchies, the French Revolution, the rise of Napoleon, and the Industrial Revolution.

OCCUPATIONAL WORK EXPERIENCE

Occupational Work Experience (OWE)

Prerequisite: Academic deficiencies/transportation/employability

Occupational Work Experience (OWE) is a cooperative vocational educational course designed to meet the needs of a group of young people who have experienced difficulty in the academic areas. OWE provides a more realistic and meaningful type of training in a variety of areas that will aid the student in gaining skills needed for employment. The major objective of the program is to better prepare and train students who are not planning to continue their education beyond the high school level. A Parent/Student/Counselor/Instructor conference is required prior to admission to the program. Students may apply only two years of OWE credit towards graduation. Graduation requirements for OWE students are the same as MCCC requirements (see page 3).

OWE Theory	1 unit
OWE Lab	2.5 units
OWE Related Math	1 unit
OWE Related English	1.5 units
OWE Related History	.5 unit
OWE Related Government	.5 unit

SPECIAL EDUCATION

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

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

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

HIGHLAND HIGH SCHOOL FOUR YEAR ACADEMIC PROGRAM OUTLINE

Name: _____

Present Educational Goal – 1st _____ 2nd _____

Present Career Goal – 1st _____ 2nd _____

<u>SUBJECT:</u>	FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
	<u>COURSE</u>	<u>CR.</u>	<u>COURSE</u>	<u>CR.</u>	<u>COURSE</u>	<u>CR.</u>	<u>COURSE</u>	<u>CR.</u>
English (4)	English 9	___	English 10	___	English 11	___	_____	___
Speech (.5)	_____	___	_____	___	_____	___	_____	___
Math (3)	_____	___	_____	___	_____	___	_____	___
Science (3)	Int. Phys. Sci.	___	Biology	___	_____	___	_____	___
Soc. Stud. (3)	Mod. World	___	Amer. His.	___	_____	___	Amer. Gov.	___
Foreign Lang. (1)*	_____	___	_____	___	_____	___	_____	___
Fine Arts (1)	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
Health (.5)	_____	___	_____	___	_____	___	_____	___
Phys. Ed. (.5)	Phys. Ed.	___	Phys. Ed.	___	_____	___	_____	___
Business/Home Ec.	_____	___	_____	___	_____	___	_____	___
Other Electives	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
YEAR TOTAL		___		___		___		___
FOUR YEAR TOTAL				___		___		___

* 1 Unit of Foreign Language or Reading Development.