

HIGHLAND HIGH SCHOOL GRADUATION REQUIREMENTS

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

Required Courses and Credits (see pages 3 – 5 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/Economics) |
| c. Mathematics: | 3 units (<i>Class of 2014 and beyond – 4 units</i>) |
| d. Science: | 3 units (Physical Science, Biology, and electives) |
| e. Visual or Performing Arts: | 1 unit (Art, Music or Theater) |
| f. Health and Physical Education: | 1 unit |
| g. World Language or Reading: | 1 unit |

General Education Course Sequence (Sample)

Grade 9

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

Grade 11

English 11
Social Science Elective
Math Selection 3
Science Selection 3
Art, Music or Theater
World Language or Reading
Home Economics or Business

Grade 10

English 10
American History
Integrated Math II or Geometry
Biology
Art, Music or Theater
Physical Education/Health
World Language or Reading
Home Economics or Business

Grade 12

.5 unit of English
American Government/Economics
Math Elective
Science Elective
Art, Music or Theater
World Language or Reading
Home Economics or Business

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 or Integrated Math I, II and III as a minimum) |
| d. Science: | 3 units |
| e. World 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
Physical Science or Biology
World Language I
Art, Music or Theater
Physical Education/Speech

Grade 10

English 10
American History
Integrated Math II, Geometry,
Algebra II, or Functions/Trigonometry
Biology or Chemistry
World Language II
Art, Music or Theater
Physical Education/Health

Grade 11

English 11
Integrated Math III, Algebra II,
Functions/Trig. or Precalculus
Chemistry
Social Studies Elective
World Language III
Art, Music or Theater

Grade 12

English 12
American Government/Economics
Functions/Trigonometry or Calculus
Physics
World Language IV
Art, Music or Theater

Class Standing

A student must have: 4.75 units of credit for sophomore standing
9 units of credit for junior standing
15 units of credit for senior standing

Credit Restrictions

A maximum of 1 unit within the required 21 units for graduation may be comprised of courses, which carry less than .5 unit of value. For example only four physical education classes valued at .25 may count toward meeting graduation requirements.

MEDINA COUNTY CAREER CENTER

Highland High School students may apply to attend the Medina County Career Center (MCCC) for their junior and senior years. MCCC offers numerous career technical programs along with a wide variety of college prep electives and academics.

Students planning to enroll at the Career Center must have successfully completed two years of high school. Career Center students should map out a plan to earn all necessary credits required for graduation and/or college entrance.

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 during a.m. and p.m. routes. All rules for bus riding apply to students attending MCCC. MCCC students may participate in all Highland activities, and are equally eligible for all honors, scholarships and benefits.

Arts & Media Communications Major

Visual Media Imaging

- Digital Design
- Graphic Arts
- Video Production

Construction & Landscaping Systems Majors

Building Trades

Carpentry

Heating, Ventilation and Air Conditioning (HVAC)

Landscape & Environmental Management

Computer Information Systems Majors

Computer Science & Forensics

E-Commerce Specialist

Engineering Technologies & Design

Software Engineering & Web Development

Health, Safety & Wellness Majors

Animal Management & Care

Chef & Restaurant Management

Cosmetology

Diversified Medical Technologies

Early Childhood Education

Optical Technology

Public Safety

Sports Fitness Training

Teacher Education Academy

Transportation & Industrial 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)
Facilities Maintenance (by associate school referral)

ACADEMIC OFFERINGS

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

ENGLISH

British Literature IV (1 credit)
Composition English III for the Advanced Student (1 credit)
Dual Credit College Composition English I & II for the Advanced Student (1.2 English credits)
(6 hours college English credit)
Deadline (.5 credit)
English: Borders to Hollywood (.5 credit)
English III (1 credit)
Introduction to Fiction (.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)
Math Analysis (Pre-Calc) (1 credit)
Technical Mathematics (1 credit)

SOCIAL STUDIES

American Government (.5 credit)
Comprehensive Government (.5 credit)
Dual Credit American National Government
(.6 American Government credit) (3 hours Political Science college credit)
Dual Credit Introduction to Urban Studies
(.6 elective credit) (3 hours Urban Studies college credit)
Comprehensive Economics (.5 credit)
Popular Culture (.5 credit)
Psychology (.5 credit)

SCIENCE

Anatomy and Physiology (1 credit)
Animal Biology (1 credit)
Chemistry (1 credit)
Environmental Science (1 credit)
Health Bio-Chemistry (.5 credit)
Physics (1 credit)
Physics 2 (1 credit)
The Science of Digital Electronics (1 credit)

ELECTIVES

Chinese I & II (1 credit)
Professional Financial Planning (.5 credit)
Spanish I, II, III, IV (1 credit)
Technology Boot Camp (.5 credit)
Transitions: College and Career (.5 credit)

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

MCCC Admissions Coordinator
(330) 725-8461, ext. 313
1-866-896-MCCC (6222) ext. 313
kalina@mcjvs.org

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

Vocational Preparatory Course Sequence

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

GRADUATION 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 may not 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 Ohio Graduation 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:

Students who complete the **high school academic** curriculum shall meet at least seven of the following eight criteria:

1. Earn four units of English
2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content
3. Earn at least four units of science including one unit of physics and one unit of chemistry
4. Earn four units of social studies
5. Earn either three units of one World Language or two units each of two World Languages
6. Earn one unit of fine arts
7. 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
8. Obtain a composite score of 27 on the American college test's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the College Board's SAT verbal and mathematics sections (excluding the required writing section)

Students who complete an intensive **career-technical** education curriculum shall meet at least seven of the following eight criteria:

1. Earn four units of English
2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course or a four-year sequence of courses which contains equivalent content
3. Earn at least four units of science including one unit of physics and one unit of chemistry
4. Earn four units of social studies
5. Earn four units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent
6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment (available at http://www.webxam.org/info_docs.asp, with additional content available by clicking [here](#)) or equivalent assessment aligned with state-approved and industry validated technical standards
7. 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
8. Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section)

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. World 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. World 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

Scheduling Policy

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

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

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

Physical Education Exemption Requirements

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

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

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

No student is guaranteed a position on any athletic team or club team for the purposes of the exemption. It is the responsibility of students to make the team. For example, a senior with one season of exemption credit decides he would like to play football in the fall to complete his exemption in the seventh semester. He does not make the team. That senior will not have the opportunity to complete the exemption; therefore, he will be expected to enroll in and pass a ¼ credit physical education course his senior year to qualify for graduation.

The first available sport/activity season to use for purposes of the exemption was Fall of 2007. No sports/activities taken before that time will be considered.

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 Language & Comp.
AP English Literature & Comp.
Honors English 11
Honors English 12
French III & IV
German III & IV
Latin III & IV
Spanish III & IV
Honors Algebra II

Honors Functions/Trigonometry
Honors Pre BC Calculus
AP Calculus AB
AP Calculus BC
Honors Chemistry
Honors Physics
AP Biology
AP Chemistry

AP American History
AP Government & Politics
AP Studio Art

Students enrolled in weighted courses are expected to maintain at least a B average.

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

Advanced Placement Courses

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

Students enrolled in Advanced Placement courses are expected to take the Advanced Placement Examinations in May. Each exam is approximately three hours in length. Final grades based on the student's entire examination of free response and multiple choice questions, are reported on a five point scale: 5 - extremely qualified; 4 - well qualified; 3 - qualified; 2 - possibly qualified; and 1 - no recommendation. Participating colleges normally honor grades and grant credit for a 3 or higher. An examination fee of approximately \$90 is the responsibility of the student.

SPECIAL PROGRAMS

Early Release

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

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 or Counselor must give written approval before summer school credit can be accepted. Summer school classes may be taken at neighboring accredited institutions or high schools. Summer school brochures are available in early May from the Guidance Office. Students should schedule a conference with a counselor if they are interested in enrolling or have any questions.

Independent Study

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. The Independent Study Project requires a minimum of 30 hours of work.
5. 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.
6. For students taking Independent Study during a regular class period as advanced courses beyond what is offered at Highland (i.e. fifth year of World Language, etc.), the Independent Study will count toward class ranking and GPA. 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 ENROLLMENT OPTION PROGRAM (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 initiation of a career plan in 8th 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 preliminary SAT for juniors. To qualify for a National Merit Scholarship students <u>must</u> take the PSAT in their junior year. Sophomores are encouraged to take this test for practice.
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 available 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. This test is administered individually through local recruitment offices.
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 – approximately \$85.

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

ENGLISH-LANGUAGE ARTS

5120: English 9 1 unit 36 wks. Course Fee

Prerequisite: Summer Reading is required.

Open to Grade: 9

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

5130: Accelerated English 9 1 unit 36 wks. Course Fee

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.

5240: Speech II .5 unit 18 wks.

Prerequisite: Speech I

Open to Grade: 10-12

This course is an advanced study of Speech with emphasis on public speaking, group communication, debate, oral interpretation and mass media.

5210: English 10 1 unit 36 wks. Course Fee

Prerequisite: English 9, Summer Reading is required.

Open to Grade: 10

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

5220: Accelerated English 10

1 unit

36 wks.

Course Fee

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.

Course Fee

Prerequisite: English 10, Summer Reading is required.

Open to Grade: 11

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

5320: Honors English 11*

1 unit

36 wks.

Course Fee

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 Language and Composition*

1 unit

36 wks.

Course Fee

Prerequisite: B Average in Accelerated English 10 or Honors English 11; Teacher Recommendation. A placement test may be administered. Summer reading is required.

Open to Grade: 11 & 12

This course will focus on the requirements established by the College Board's Advanced Placement Program teaching students to read primary and secondary source material, synthesize material from these texts in their own compositions, and cite source material using recommended conventions. This course is geared to the self-motivated student who desires a greater understanding of literature. Extensive writing practice is provided to prepare students to take the AP Language and Composition test given in May. AP Test fee is approximately \$90. *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.

Course Fee

(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.

5540/5545: 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

.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

.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

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

This course will provide students with an opportunity to learn basic library operating procedures. Students will perform a variety of duties such as using the online circulation system, shelving materials, maintaining shelf order, and processing magazines. Students will also be responsible for creating bulletin boards and display cases on an as needed basis. Students will be evaluated on their ability to perform required duties; willingness to learn library, computer and communication skills and the manner in which they assist others.

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

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.

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

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.

FINE ARTS

Instrumental 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 full period during each school day and twice each week after school. At the conclusion of marching band, students audition for placement in one of three concert bands.

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

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

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 requests will be approved or disapproved by the band director.

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

7300: String Orchestra 1 unit 36 wks.

Prerequisite: Experience preferred, private study recommended, musical literacy

Open to Grade: 9 – 12

The string orchestra consists of Violin, Viola, Cello and String Bass. Students must provide their own Violin, Viola or Cello and bow. This class will perform concerts throughout the school year.

Vocal Music

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.

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.

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 outside of the school day. Public performances are a required component of the program.

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.

Visual Art

3500: Art I

1 unit

36 wks.

Course Fee

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.

Course Fee

Prerequisite: None

Open to Grade: 9-12

This class is an introduction to the basic hand-building techniques of clay. Daily studio procedures are practiced and simple forms are constructed from clay. A variety of clay decoration is explored. A historical overview is included.

3585: Ceramics II - Sculpture

.5 unit

18 wks.

Course Fee

Prerequisite: Ceramics I or Art II

Open to Grade: 9-12

The student extends knowledge and studio experiences gained in Ceramics I to create more complex and ceramic ware. Students are introduced to the potter's wheel. Emphasis is on contemporary clay artists and sculptors. Students discover a variety of sculptural media while they create unique personal art objects.

3620: Crafts I – Fundamentals of Design

.5 unit

18 wks.

Course Fee

Prerequisite: None

Open to Grade: 9-12

The student is introduced to the elements and principles of design as they explore various craft media. Fiber, clay and paper arts are included in this beginning class which exposes students to crafts from various historical periods and cultures.

3630: Crafts II

.5 unit

18 wks.

Course Fee

Prerequisite: Crafts I or Art I

Open to Grade: 9-12

The student will extend knowledge and experiences gained in Crafts I to create more advanced craft products that are functional and aesthetically pleasing. This is a multi-cultural and mixed media class that encourages experimentation and promotes creativity.

3660: Art II

1 unit

36 wks.

Course Fee

Prerequisite: Art I

Open to Grade: 10-12

This class is focused on honing drawing and painting skills through a variety of media with the elements and principles of design. Art II is designed to prepare students who may be interested in pursuing the visual arts as a career and is a prerequisite for Art III and AP Studio Art.

<u>3665: Art III</u>	1 unit	36 wks.	Course Fee
Prerequisite: Art II			
Open to Grade: 11-12			
This class is a combination of studio art and Western art history and projects that incorporate the two. The studio work has an emphasis on developing a breadth of work suitable for the AP portfolio.			
<u>3670: Photography I</u>	.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).			
<u>3675: Photography II</u>	.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 its many possibilities. The students will learn numerous ways of manipulating the medium so as to create new and unique images. Presentation and artistic content will be emphasized. Each student will need a manual camera (a 35-mm SLR camera).			
<u>3686: Graphic Communications</u>	.5 unit	18 wks.	Course Fee
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.			
<u>3700: AP Studio Art*</u>	1 unit	36 wks.	Course Fee
Prerequisite: By Teacher Approval Only			
Open to Grade 12			
The Advanced Placement art course is for highly motivated seniors who wish to 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. AP Test is approximately \$90. *Weighted grading scale used.			

HEALTH AND PHYSICAL EDUCATION

<u>3100: Health</u>	.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.

3340: Team Sports

.25 unit

18 wks.

Prerequisite: Minimum .25 unit of Phys. Ed. or completion of Phys. Ed. Exemption

Open to grades: 10-12

Students will enjoy a class emphasizing organization and competition in sports' tournaments. Team sports include softball, basketball, dodge ball, hockey, volleyball, flag football, ultimate Frisbee and razzle dazzle.

3331: Speed Strength for Athletes – Fall

.25 credit

18 wks.

3332: Speed Strength for Athletes – Spring

.25 credit

18 wks.

Prerequisite: None

Open to Grade: 9-12

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

MATHEMATICS

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). 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.

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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: Teacher Recommendation

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 and Teacher Recommendation

Open to Grade: 10

This class focuses on problem-solving, application problems and laboratory experiments to reinforce introductory 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 II or Geometry and Teacher Recommendation

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.

6145: Essentials of Algebra 1 unit 36 wks.

Prerequisite: Integrated III or Geometry and Teacher Recommendation

Open to Grade: 12

This class will focus on giving the student a concrete understanding of the basic concepts in Algebra which include: solving equations and inequalities; probability statistics; linear functions; ratios and proportions with an emphasis on application; solving systems of equations; solving and graphing inequalities with two variables; polynomials and factoring; solving quadratic and other polynomial functions; logarithms and trigonometry. Graphing calculators are required.

6150: Algebra I 1 unit 36 wks.

Prerequisite: Integrated Math I and Teacher Recommendation

Open to Grade: 9-10

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

6210: Geometry 1 unit 36 wks.

Prerequisite: Algebra I and Teacher Recommendation

Open to Grade: 10-12

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

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: Accelerated Geometry or 8th Grade Geometry and Teacher Recommendation

Open to Grade: 9-12

Honors Algebra II is for the above-average geometry student who also did extremely well in Algebra I. 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 II and Teacher Recommendation

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/Trigonometry

1 unit

36 wks.

Prerequisite: Algebra II and Teacher Recommendation

Open to Grade: 10-12

Functions & 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/Trigonometry*

1 unit

36 wks.

Prerequisite: Honors Algebra II and Teacher Recommendation

Open to Grade: 10-12

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

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 or Calculus and Teacher Recommendation

Open to Grade: 12

Calculus is a college-level course for the above-average student. The subject matter is the study of functions, limits, rates and differentials, indefinite integrals, definite integrals, transcendental functions, methods of integration, plane analytical geometry, hyperbolic functions, with special emphasis on application to real problematic situations. AP Test fee is approximately \$90. *Weighted grading scale used.

6460: A.P. Calculus BC* 1 unit 36 wks.

Prerequisite: Pre BC Calculus and Teacher Recommendation

Open to Grade: 12

Calculus is a college-level course for the above-average student. The subject matter is the study of functions, limits, rates and differentials, indefinite integrals, definite integrals, transcendental functions, methods of integration, plane analytical geometry, hyperbolic functions, with special emphasis on application to real problematic situations. AP Test fee is approximately \$90. *Weighted grading scale used.

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: Physical Science 1 unit 36 wks. Course Fee

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.

8200: Biology 1 unit 36 wks. Course Fee

Prerequisite: 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. Course Fee

Prerequisite: Algebra I or Geometry and Physical Science with a B or higher average and teacher recommendation or by placement test.

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.

8160: Environmental Science 1 unit 36 wks. Course Fee

Prerequisite: Biology

Open to Grade: 11-12

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

8330: Anatomy and Physiology .5 unit 18 wks. Course Fee

Prerequisite: 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 students with an interest in human biology and health-related careers.

8345: Forensics I .5 unit 18 wks. Course Fee

Prerequisite: Biology

Open to Grade: 11-12

Forensics I involves the application of scientific principles to solving crime and other mysteries. The class covers topics related to crime scene investigation such as fingerprinting, hair and fibers, DNA evidence and blood evidence.

8350: Forensics II .5 unit 18 wks. Course Fee

Prerequisite: Biology and Forensics I is recommended

Open to Grade: 11-12

Forensics II is a continuation of Forensics I. Topics covered include blood spatter, glass, anthropology, ballistics, casting and manner of death.

8300: Chemistry 1 unit 36 wks. Course Fee

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

Open to Grade: 10-12

This college prep course is a study of the practical use of chemistry in everyday life. It will emphasize the application and discovery of chemical principles of activities and substances.

8310: Honors Chemistry* 1 unit 36 wks. Course Fee

Prerequisite: Completion of Accelerated Biology and Algebra II with a “B” or better or enrolled in Honors Algebra II

Open to Grade: 10-12

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

*Weighted grading scale used.

8400: Physics 1 unit 36 wks. Course Fee

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. Course Fee

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. Course Fee

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. AP Test fee is approximately \$90. *Weighted grading scale used.

8250: AP Chemistry* 1 unit 36 wks. Course Fee

Prerequisites: Honors Chemistry and Honors Algebra II

Open to Grade: 11-12

The AP Chemistry course is designed to be the equivalent of the general chemistry course taken during the first college year. As a result, students will obtain a depth of understanding of fundamentals and competence in developing mathematical solutions to major chemical principles. Such topics that will be heavily stressed are: structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, chemical reactions, acid/base chemistry, descriptive chemistry, and thermodynamics. In addition to advanced classroom work, students will be expected to complete and provide evidence of college-level laboratory work. Students are expected to take the AP test in the spring. AP Test fee is approximately \$90. *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 the spring. AP Test fee is approximately \$90. *Weighted grading scale used.

9401: Government

.5 unit

18 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 opinions.

9402: Economics

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 12

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

9210: AP United States Government and Politics*

1 credit

36 wks.

Prerequisite: American History and Teacher Recommendation

Open to Grade: 12

This course will offer students an analytical perspective on government and politics in the United States. Students will study the Constitution, political behaviors and beliefs, the institutions and structure of national government, public policy, and civil rights and liberties. Students in this class will prepare and are expected to take the Advanced Placement US Government and Politics test in May, which may qualify for college credit or advance placement in college. The AP test fee is approximately \$90. *Weighted grading scale used.

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: 11-12

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

9130: World History II

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11-12

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

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.

9415: Current Issues in American History

.5 unit

18 wks.

Prerequisite: American History and World History

Open to Grade: 11-12

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

9410: Establishing Entrepreneurship

.5 unit

18 wks.

Prerequisite: None

Open to Grade: 11-12

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

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.

9440: Psychology .5 unit 18 wks.

Prerequisite: American History and World History

Open to Grade: 12

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

WORLD LANGUAGE

French

2010: French I 1 unit 36 wks. Course Fee

Prerequisite: None

Open to Grade: 9-12

Conversation, pronunciation, grammar, vocabulary, the geography and culture of France are studied. Oral proficiency is stressed. The Impressionist art movement and the history and cultural importance of Paris are studied in detail.

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. Course Fee

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

Open to Grade: 11-12

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

2040: French IV* 1 unit 36 wks.

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

Open to Grade: 12

The history of France is studied from the time of the Roman conquest to the 20th century. The course also includes excerpts of literature and stresses advanced grammar and vocabulary. The Surrealist art movement is studied in detail. At this level, students are encouraged to use French exclusively in the classroom. Students are advised to take placement tests at their chosen college to earn advanced credits and/or class placement.

*Weighted grading scale used.

German

2110: German I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

Linguistics, pronunciation, grammar, vocabulary, verb forms and sentence structure are studied. Skills in reading and listening are developed with emphasis on communication and understanding. German history, geography and culture are studied.

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, grammar and writing skills are emphasized in German II. Supplemental reading materials support the culture and history studied.

2130: German III* 1 unit 36 wks. Course Fee
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 will emphasize the subjunctive mood and subordinate clauses. The study of Latin literature will include the stories of Hercules, Ulysses and Jason. The geography of the Roman Empire and Italy will also be emphasized. *Weighted grading scale used.

2340: Latin IV* 1 unit 36 wks. Course Fee

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, including the story of Peruses and Julius Caesar's Gallic War. Students will study the lives and writings of the most prominent Roman authors, including Cicero, Pliny and Ovid. They also will translate medieval and Renaissance authors. Students will have an opportunity to summarize all of the grammar and syntax learned over the past three years.

*Weighted grading scaled used.

Spanish

2210: Spanish I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9-12

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

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

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.

Mandarin (Chinese)

2410: Mandarin (Chinese) I 1 unit 36 wks.

Prerequisite: None

Open to Grade: 9 – 12

This course will introduce students to Chinese sound systems (pinyin) and the Chinese writing system (simplified characters). The course will emphasize the development of basic conversational ability as well as reading and writing in Chinese. Students will be introduced to Chinese culture through language experience as well as interactive and hands-on activities. These include Chinese customs, history, holidays, cuisine, folktale, music and art.

2420: Mandarin (Chinese) II 1 unit 36 wks.

Prerequisite: Mandarin (Chinese) I

Open to Grade 9 – 12

Students will continue to develop oral proficiency as well as the ability to read and print with Chinese characters. Communication remains the core of the course. Students will gain more insight into the nature of the language and Chinese culture through grammar study, discussions on Chinese history, traditions and beliefs. Students' ability to communicate in culturally appropriate ways will be further developed.

ELECTIVES

Computers

1800: Computer Applications .5 unit 18 wks. Course Fee

Prerequisite: None

Open to Grade: 9-12

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

1900: Personal Finance .5 unit 18 wks. Course Fee

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. Course Fee

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: 9-12

Learn the basics of web design; students will build professional quality web sites using HTML and a "wysiwyg" editor. In addition to design basics and web standard protocol, students will learn standard file structure and how to use a web server. This project-based class will include advanced animation and multimedia tools.

9500: Computer Programming I .5 unit 18 wks. Course Fee

Open to Grade: 10-12

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

9510: Computer Programming II .5 unit 18 wks. Course Fee
 Prerequisite: Programming I
 Open to Grade: 10 – 12
 This course is designed to expand upon concepts learned in Programming I and to reinforce these concepts through project-based activities. In this class students will have the opportunity to learn what is entailed in a programming career.

9450: Robotics I .5 credit 18 wks. Course Fee
 Prerequisite: None
 Open to Grade: 10-12
 The Robotics course is structured around the fundamental understanding of the systems that make up robots and the development of workplace skills. Students will apply engineering, mathematics, science and interpersonal skills in solving robotics problems. Students will learn about the theory of various robotics systems; mechanical, electrical and computer programming. Students will have the opportunity to build a fully functioning robot out of base components, sensors and various materials.

9451: Robotics II .5 credit 18 wks. Course Fee
 Prerequisite: Robotics I
 Open to Grade: 10-12
 Robotics II will continue to build on the concepts learned in Robotics I. Students will learn to effectively program the robot’s controller in order to simulate tasks. Students will also be exposed to advanced robotics construction and encouraged to participate in robotics competition.

Home Economics

4100: Personal Development .625 units 18 wks. Course Fee
4200: Resource Management .625 units 18 wks. Course Fee

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. Course Fee
 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. Course Fee
 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. Course Fee

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. Course Fee

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. Course Fee

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. Students will review reading a recipe, basic measuring techniques, menu planning and grocery shopping. Good health and wellness will be promoted by selecting nutritionally sound international recipes to prepare. Student repeating the course for credit will demonstrate an understanding of basic food preparation techniques and will prepare more advanced recipes. All students will determine both the internal and external factors that influence food choices.

TV/Video/Stage Craft Technology

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. Course Fee

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. Course Fee

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.

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>	<u>FRESHMAN COURSE</u>	<u>CR.</u>	<u>SOPHOMORE COURSE</u>	<u>CR.</u>	<u>JUNIOR COURSE</u>	<u>CR.</u>	<u>SENIOR COURSE</u>	<u>CR.</u>
English (4)	English 9	___	English 10	___	English 11	___	_____	___
Speech (.5)	_____	___	_____	___	_____	___	_____	___
Math (3) <i>2014 beyond (4)</i>	_____	___	_____	___	_____	___	_____	___
Science (3)	_____	___	_____	___	_____	___	_____	___
Soc. Stud. (3)	Mod. World	___	Amer. His.	___	_____	___	Gov./Econ.	___
World Lang. (1)*	_____	___	_____	___	_____	___	_____	___
Fine Art (1)	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
Health (.5)	_____	___	_____	___	_____	___	_____	___
Phys. Ed. (.5) or exemption	_____	___	_____	___	_____	___	_____	___
Electives (6)	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
	_____	___	_____	___	_____	___	_____	___
YEAR TOTAL		___		___		___		___
FOUR YEAR TOTAL				___		___		___

* 1 Unit of World Language or Reading Development.