

**PROGRAM OF STUDIES**  
**FOR**  
**HOPEWELL-LOUDON HIGH SCHOOL**



***2009-2010***

## TABLE OF CONTENTS

	Page
General Information	
Graduation Requirements	2
Ohio Graduation Test (OGT)	3
Courses of Study	
College Preparatory Curriculum	3
Alternative Post Secondary Option	4
Post-Secondary Enrollment Options	4
Career & Technical Education Curriculum	4
Criteria for Diploma with Honors	
College Preparatory Curriculum	5
Career & Technical Education Curriculum	5
Course Offerings	
General Information	6
Agricultural Education	7
Business/Technology	8
English	9
Family and Consumer Science	10
Fine Arts	11
Foreign Language	12
Health and Physical Education	14
Mathematics	15
Other Electives	16
Science	17
Social Studies	19
Index of Courses	20

## GENERAL INFORMATION

### **Graduation Requirements**

In order for a student to qualify for a diploma in the Hopewell-Loudon Local School district, s/he must have satisfactorily completed the following course and earned at least twenty-two (22) credits.

### **Credit and Test Requirements for Classes 2010-2013**

	2010	Class 2011	Class 2012	Class of 2013	Class of 2014
English	4	4	4	4	4
Science	3	3	3	3	3
Math	3	3	3	3	<b>4</b>
Social Studies	3	3	3	3	3
Health	½	½	½	½	½
Physical Education	½	½	½	½	½
Family Living	½	½	½	½	½
Parenting	½	½	½	½	½
Electives	7	7	7	7	6
<b>Total</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>
OGT	yes	yes	yes	yes	yes

A student must also earn one (1) unit or two (2) ½ units in business/technology, fine arts, or foreign language.

***Students graduating in the Class of 2014 and beyond will be required to meet the New Ohio Core Requirements for Graduation. The new requirement is an additional Mathematics unit and must include Algebra II or the equivalent of Algebra II.***

When taken in the eighth grade, **Algebra I, Band, and Foreign Language** will count toward high school credit and will be included in the students' GPA/ranking. 7<sup>th</sup> grade TAG students who complete English 9 in during the 8<sup>th</sup> grade year will receive high school credit and will be included in the students' GPA/ranking.

Credit for classes will be assigned by semester. Students who fail a semester of a required course will have to repeat the semester failed. If one (1) semester of a year long course is failed, only ½ of the full course credit will be awarded. No credit will be issued for a failed semester long course. A senior who has failed a required course must make up the course (or the portion failed) before he/she will be deemed eligible to receive a diploma (provided all other graduation requirements have been met).

**ALL STUDENTS ARE REQUIRED TO CARRY A MINIMUM OF SIX CLASS PERIODS EACH NINE WEEKS.**

Hopewell-Loudon Local Schools Guidelines state that student class placement will be determined in the following manner:

Less than five (5) credits	Freshman (9 <sup>th</sup> grade)
Five (5) credits to less than eleven (11) credits	Sophomore (10 <sup>th</sup> grade)
Eleven (11) credits to less than sixteen (16) credits	Junior (11 <sup>th</sup> grade)
More than sixteen (16) credits	Senior (12 <sup>th</sup> grade)

### **Ohio Graduation Test (OGT)**

The purposes of the OGT are to ensure that students who receive a high school diploma demonstrate at least high school levels of achievement, to measure the level of reading, writing, mathematics, science and social studies skills expected of students at the end of the 10<sup>th</sup> grade, and to meet federal requirement for high school testing.

Students take the OGT for the first time in the spring of their sophomore year. For students who do not pass one or more tests on their first attempt multiple opportunities during their junior and senior years will be available. Students can continue to take the tests in the fall and spring of their junior and senior year and during the summer.

Students may graduate and receive a diploma without passing all five tests of the OGT if they meet the following requirements:

- Pass four of the five tests and have missed passing the fifth test by no more than 10 points;
- Have had a 97 percent attendance rate through all four years of high school and must not have had an expulsion in high school;
- Have a grade point average of 2.5 out of 4.0 in the subject are missed and have completed the curriculum requirement in the subject are missed;
- Have participated in any intervention programs offered by the school and must have had a 97 percent attendance rate in any program offered outside the normal school day;
- Obtain letters of recommendation from each teacher in the subject area not yet passed.

## **COURSES OF STUDY**

Hopewell-Loudon offers two courses of study: a College Preparatory curriculum and a Career and Technical Education curriculum.

### **College Preparatory Curriculum**

The college preparatory curriculum provides the essentials background to meet the entrance requirements for colleges. This course of study is definite in its requirements for graduation and is planned primarily for those students who have decided to further their education at the college level.

Students who plan to attend **college** should have the following units of credits in the **CORE** subjects listed:

English	4 credits
Science	3 to 4 credits
Mathematics	3 to 4 credits
Foreign Language	2 to 4 credits
Social Studies	2 to 3 credits
Arts	1 credit

**IT MUST NOT BE ASSUMED THAT HIGH SCHOOL GRADUATION ALONE WILL ADMIT A STUDENT TO COLLEGE.** All colleges require a transcript listing final grades, class rank, and grade point average (GPA), as well as, results from the ACT and/or SAT test and Ohio Graduation (OGT) tests. Students anticipating college entrance should discuss the specific requirements of that college with the guidance counselor in order to make the best subject choice.

Since many community and technical colleges do not now require a specific subject pattern, some students who do not follow the college preparatory curriculum may find it possible to meet the entrance requirements for a number of community and technical colleges. Careful judgment should be used in the selection of electives toward this end, especially with **math** and **science** classes.

### **Alternative Post-Secondary Enrollment Option**

Hopewell-Loudon will once again offer UF-USA courses. These are courses students will take for both Hopewell-Loudon credit and University of Findlay credit. They will be taught here at H-L by our teachers who

are adjunct professors for the University. Cost of these classes will be divided equally between H-L and the student/parent-guardian. The student **will** receive a billing from the University. This bill needs to be submitted to the Guidance Office. If a student is unable to pay for a course, see the Guidance Office for information on financial assistance. We will be following University of Findlay's procedures regarding dropping one of these courses. Deadline to drop for financial reimbursement is September 15, 2009. If deemed necessary to drop a course after the deadline or a failing grade is received the student/parent-guardian is responsible for the **entire** fee of the course. Courses offered include:

**Calculus 141**                      **1 H-L credit / 4 UF semester hours Fee: \$150 student/\$150 H-L**  
**English Composition 104**   **1 H-L credit / 3 UF semester hours Fee: \$125 student/\$125 H-L**  
**Psychology 113**                **1 H-L credit / 3 UF semester hours Fee: \$125 student/\$125 H-L**

**Upon final approval from the University of Findlay, Physics will also be offered for both Hopewell-Loudon credit and University of Findlay credit**

**Physics 250**                      **1 H-L credit / 4 UF semester hours Fee: \$150 student/\$150 H-L**

## **Post-Secondary Enrollment Options**

Students in grades nine through twelve may **still** enroll in the Post-Secondary Enrollment Options Program for the purpose of taking college courses at eligible post-secondary institutions. Our Distance Learning Lab also enables students to enroll in classes offered through various colleges and universities. Students must meet the enrollment or eligibility requirements for each institution. Option "A" allows students to receive college credit only. Option "B" allows students to receive high school and college credit. Under Option "B", the entire cost of tuition, books, materials and fees are paid for by Hopewell-Loudon. Yearly schedules may vary between Hopewell-Loudon and the post-secondary institution; it may be difficult or impossible to take the courses desired at both schools because of scheduling conflicts. An individual student's class schedule must be arranged to accommodate both Hopewell-Loudon courses and post-secondary courses in order to ensure no conflicts arise. Any student wishing to substitute a required course must submit a syllabus of the course and have approval from the administration and guidance counselor.

## **Career and Technical Education Curriculum**

Students at Sentinel Career Center attend classes for a half-day for technical skill training and the other half-day at Hopewell-Loudon High School for academic training. Sentinel students also participate in Hopewell-Loudon's athletic and club programs. Upon successful completion of classes at Sentinel, students will receive three (3) credits per year for these classes.

All students who wish to enroll at the Sentinel Career Center **must** complete the following Hopewell-Loudon requirements:

English 9	PPESS (9 <sup>th</sup> grade science)
English 10	Biology or Chemistry
½ credit Health	½ credit Phys. Ed.
2 credits of Mathematics	2 credits of Social Studies
1 Elective Credit	

A requirement of 10 credits is necessary for application to the Sentinel program.

Freshman students intending to enroll in the cosmetology program must meet equivalent class credit as stated above.

Students interested in the programs offered can obtain applications through the high school guidance office, either during their sophomore year or their freshman year for those interested in cosmetology.

## **Diploma with Honors**

A student who completes the **high school academic** education curriculum in the class of 2010 will need to meet eight of the nine criteria listed in the chart. A student who completes an intensive **career-technical** education curriculum in the class of

2010 will need to meet at least nine of the ten criteria in the chart. The class of 2011 and beyond for either type of Diploma with Honor will need to meet seven of the eight criteria in the chart.

<b>Comparison of Diploma with Honors Criteria</b>				
<b>Subject</b>	<b>High School Academic Diploma with Honors Graduating Classes 2010</b>	<b>High School Academic Diploma with Honors Graduating Classes 2011 and Beyond</b>	<b>Career-Technical Diploma with Honors for Graduating Classes 2010</b>	<b>Career-Technical Diploma with Honors for Graduating Classes 2011 and Beyond</b>
<b>English</b>	4 Units	4 Units	4 Units	4 Units
<b>Mathematics</b>	3 Units, including Algebra I, Geometry, Algebra II or a three-year sequence of courses that contain equivalent content	4 Units, including Algebra I, Geometry, Algebra II or equivalent and another high level course or a four-year sequence of courses that contain equivalent content	3 Units, including Algebra and Geometry or a sequence of courses that contain equivalent content	4 Units, including Algebra I, Geometry, Algebra II or equivalent and another high level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	3 Units, which develop the concepts for physical, life, and earth/space sciences	4 Units, which develop the concepts for physical, life, and earth/space sciences	3 Units, which develop the concepts for physical, life, and earth/space sciences	4 Units, which develop the concepts for physical, life, and earth/space sciences
<b>Social Studies</b>	3 Units	4 Units	3 Units	4 Units
<b>Foreign Language</b>	3 Units of one language or 2 units of 2 foreign languages	3 Units of one language or 2 units of 2 foreign languages	2 Units of business or technology, or one unit each	Not counted toward requirements
<b>Fine Arts</b>	1 Unit	1 Unit	May be counted toward requirements under Electives	Not counted toward requirements
<b>Carrer-Technical</b>	Not counted toward requirements and may not be used to meet requirements	Not counted toward requirements and may not be used to meet requirements	3 Unites in the vocational or technical education Curriculum	Counted in Electives
<b>Electives</b>	Either 1 unit of business/technology and 2 units of above or 3 unites of the above subject, not including career-technical	Not counted toward requirements	2 Units of above categories, including Fine Arts	4 Units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of a career pathway which can lead to college credit.
<b>Grade Point Average</b>	3.5 on a 4.0 Scale	3.5 on a 4.0 Scale	3.5 on a 4.0 Scale	3.5 on a 4.0 Scale
<b>ACT/SAT Score Including Writing</b>	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT
<b>Additional Assessment</b>	Not applicable	Not applicable	Complete a career passport that reflects achievement of the occupational proficiency benchmark established for the OVCA assessment or equivalent.	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent.

## **COURSE OFFERINGS**

### **General Information**

Generally, a student may go back one year to take a course. For example, a senior might elect chemistry, which is normally a junior subject. However, a senior cannot elect a freshman or sophomore subject without prior approval of the instructor and the guidance counselor.

Courses, which do not have a minimum of five (5) students registered, may be canceled. Students will then be assigned to another class or study hall.

After selection of courses for the year, students may not change their course selection. Permission to change a schedule will not be granted without written consent from a parent and a signed request for schedule change available through the guidance office. A request for a schedule change must be made within the first three (3) days of each semester.

All students are asked to complete registration forms for next year, even though they plan to attend another school. In such cases, a note to this effect should be put with the registration form. Parents are to sign the registration forms.

Each student should complete a four-year course plan and then consult that plan for grade level course requirements when completing course requests.

In order to receive credit for a course taken a student must receive a passing grade for two (2) of the three (3) grades of the semester (the three grades for a semester are each nine weeks and the semester exam) AND have an average percentage of the two nine weeks grades and the semester exam grade that is sixty percent (60%) or above.

## Agricultural Education Courses

**\*\* A student must successfully complete Agricultural Science I and Agricultural Science II in order to receive 1 credit of science.\*\***

### **Agricultural Science I** **0441**

**1 credit**  
**two semesters**

This course is newly designed to give students a hands on approach into the areas of Plant Science, Animal Science, Environmental Science, and an introduction into the FFA, one of the largest youth organizations in the US. Students will grow different types of plants and learn about the nutrients needed. Students will learn about soils and their characteristics, which will be followed up by an official FFA CDE contest where they compete with other schools. Animal species and individual breeds along with their importance to World food production will be emphasized. Forms of wildlife will be explored as well as ways different ways to conserve them. Also in the environmental area students will construct a wood project to develop their skills working with tools and materials. FFA leadership skills will also be practiced as they will help to prepare students for workforce development skills needed upon graduation.

**Prerequisite:** None.

### **Agricultural Science II** **0442**

**1/2 science credit**  
**2 semesters**

Agricultural Science II is a more advanced continuation of Agricultural Science I. Students will in also be introduced to Electricity, Metals including metal fabrication, and basic motor operation and maintenance. Students will also have a more advanced emphasis on Plant, Animal and Environmental Sciences.

**Prerequisite:** Agricultural Science I

### **Agricultural Mechanics I** **0443**

**1 elective credit**  
**Grades 10-12 / 2 semesters**

This class is designed for students who like hands-on learning in the areas of small engines, disassembly, and troubleshooting, welding projects, electricity and electronics, plumbing and water systems, and a building project. Students will also construct a year end project incorporating one of more of the above systems.

**Prerequisite:** Agricultural Science I

### **Agricultural Mechanics II** **0444**

**1 elective credit**  
**Grades 11-12 / 2 semesters**

This is an advanced class that requires Agricultural Mechanics I. Students will tear apart and rebuild large multi cylinder engines, perform Agricultural and other types of equipment maintenance, learn how to safely operate Agricultural Machinery, receive training in over the road truck CDL training, learn how to use GPS equipment, and construct a large project from design on CAD to development.

**Prerequisite:** Agricultural Mechanics I

### **Agricultural Business & Leadership I & II** **0445/0446**

**1 elective credit**  
**Grades 11-12 / 2 semesters**

Students will learn and practice leadership skills through numerous FFA activities at the local and state levels. They will also learn and demonstrate successful employee skills from being hired to keeping the job. Second part of the class will focus on starting and running a business. Various computer applications will be utilized to better learn business management skills and activities need to operate a business.

**Prerequisite:** Agricultural Science II  
**Summer Agricultural Education**  
**0448**

**0.25 credit  
varies – summer offering**

Students must complete an approved SAE project and participate in the following FFA activities. The FFA activities include; completing a set of record books, taking a project to the local county fair, helping at least one day outside of school time on the FFA farm, attending at least five FFA meetings, attending the local FFA banquet, and competing in at least two FFA contests throughout the year. The record books must include at least 40 hours on a home improvement project, and have a job placement book, or animal project, or plant project.

**Prerequisite:** Agricultural Science I, II, Agricultural Mechanics I, II or Agricultural Business & Leadership I, II.

## **Business/Technology Courses**

**Accounting I**  
**0100**

**1 credit  
two semesters**

This one-year course will introduce students to the double-entry system of accounting for sole proprietorship, corporate, and partnership forms of business enterprises. Students will understand the relationship between the manual system of accounting and a computerized system using the Glencoe Accounting, First-Year Course and Peachtree Accounting software. Though not a prerequisite, it is suggested that students take Introduction to Business Management as an introductory course into the world of business.

**Prerequisite:** 10<sup>th</sup> grade status.

**Computer Applications I**  
**0105**

**0.50 credit  
one semester**

This is a one semester course covering keyboarding skills, Microsoft Word and PowerPoint.

**Prerequisite:** None

**Computer Applications II**  
**0106**

**0.50 credit  
one semester**

This is a one semester course covering Microsoft Excel, Microsoft Access, and Windows Movie Maker.

**Prerequisite:** Computer Applications I.

**Introduction to Business**  
**0102**

**1 credit  
two semesters**

This is an introductory course to the roles and responsibilities of business and consumers in our economic system.

**Prerequisite:** None.

**Web Page Design I and II**  
**8042, 8043**

**1 credit  
two semesters**

This course focuses on web page planning, basic design, layout and construction, and setup and maintenance of a web site. Macromedia DreamWeaver will be used as the web page and image creation tool.

**Prerequisite:** Student must have earned a B in Computer Applications and at least a 'B' in English.

## **English Courses**

**English 9**  
**0200****1 credit**  
**two semesters**

English 9 stresses the improvement of communication skills: verbal and written. Specific objectives include the study of phrases and clauses to improve sentence structure, vocabulary to expand fluency, and review of punctuation rules to improve grammar usage skills. Practice in reading comprehension and note taking will be emphasized as the short story, drama, novel, and poetry units are studied. The development and perfection of various types of essays are part of this course.

A student in the 8<sup>th</sup> grade may be permitted to take this course for high school credit provided he/she completed 7<sup>th</sup> grade TAG English and has that teacher's recommendation.

**Prerequisite:** None.

**English 10**  
**0201****1 credit**  
**two semesters**

The general objective of English 10 is to practice some techniques of writing while studying fiction and non-fiction literature. Descriptive, narrative, expository and persuasive paragraphs and essays will be among the types of writing forms practiced. Work with basic grammar, vocabulary, and speaking skills will be done for more effective communication. Practice in reading comprehension and note taking will be emphasized as the short story, drama, novel, and poetry units are studied.

**Prerequisite:** Completion of English 9.

**Literature/Composition 11**  
**0221****1 credit**  
**two semesters**

This course will focus on the chronological study of American authors, their impact on society, and the various genres of drama, poetry, novel, essay, and short story. The steps leading to the completion of a research paper will be taught. Grammar, vocabulary and speaking skills will be studied for more effective communication.

**Prerequisite:** Completion of English 10.

**Advanced Literature/Composition 11**  
**0222****1 credit**  
**two semesters**

This course will be a chronological study of American authors within the various genres of drama, poetry, novel, essay, and short story. The steps leading to the completion of a research paper will be taught. Other writing will range from reviewing organizational skills to successfully incorporating higher level thinking skills and research techniques into various forms of academic writing. Grammar, vocabulary and speaking skills will be studied for more effective communication. *This course is intended for students who have consistently exhibited exceptional skills in writing, reading comprehension and literary analysis. Some independent study will be involved.*

**Prerequisite:** At least a 'B' average in English 10, or permission of instructor.

**Literature/Composition 12**  
**0223****1 credit**  
**two semesters**

This course will focus on the chronological study of British literature including varying author styles and genres. Writing skills and techniques will be reviewed and applied in various forms of academic writing, **including a research paper**. In addition, the course will concentrate on perfecting those grammar, vocabulary, listening and speaking skills necessary for successful involvement in situations beyond high school.

**Prerequisite:** Completion of Literature/Composition 11

**Advanced English 12/ENGL 104**  
**0225****1 H-L credit/3 UF semester hours**  
**two semesters**

Students have the option on enrolling in this course for either H-L High School credit only or for dual credit with

the University of Findlay. This course will emphasize the writing processes appropriate for narrative and expository essays. The course helps students to express their own ideas in lively prose that conforms to conventional standards of style and usage. Some of the writing assignments will require responses to assigned readings, but the focus throughout most of the course remains on each student's expression of his/her own ideas. This course will also focus on the chronological study of British literature including varying author styles and genres. This course is intended for students who have consistently exhibited exceptional skills in writing, reading comprehension and literary analysis

**Prerequisite:** Advanced English 12 credit only: Completion of Advanced Literature/Composition 11 or at least a 'B' average in Literature/Composition 11.

ENGL 104 UF-USA credit: 3.2 cumulative GPA, 83 in Literature/Composition 11, and acceptance by UF. Class is limited of 20 students per University requirement.

**Communications**  
**0206**

**1 credit**  
**two semesters**

The basic elements of composing and outlining speeches, researching the topics, and giving an effective presentation will be taught. Fundamental speeches such as introductory, persuasive, and informational will be assigned. Journalistic writing techniques will be taught and culminate in the in-class preparation of a quarterly newsletter. Creative writing will involve the study of writing styles and techniques unique to various literary genres. Mystery, poetry, myths, short stories, drama and children's literature will be among the literary forms explored. Students will be encouraged to develop their own creative style and to incorporate specific writing techniques into their assignments. Publication of creative papers will be encouraged. This course is suggested for students planning to attend college.

**Prerequisite:** B' average in previous English course – priority given to students in the 11<sup>th</sup> or 12<sup>th</sup> grade.

## Family and Consumer Science Courses

**Life Skills I (Personal Development)**  
**0806**

**0.50 credit**  
**one semester**

This course is based on skills to use now and in the future, including self-esteem and responsibility for you and others, family and personal relations, career planning, and stress and conflict management. This semester class can be taken along with Life Skills II for a yearlong class.

**Prerequisite:** None.

**Life Skills II (Resource Management)**  
**0807**

**0.50 credit**  
**one semester**

This course will include management of money and resources, making consumer choices, housing, clothing and feeding the family, as well as environmental responsibility. This is a one-semester class can be taken along with Life Skills I for a yearlong class.

**Prerequisite:** None.

**Personal Finance**  
**0810**

**0.50 credits**  
**one semester**

This course teaches skills for managing independent and family finances. It includes career research, the

development of spending plans, and the study of savings and investing, renting, and owning housing, automobile loans and insurance, financial institutions, electronic banking, credit cards, identity theft and consumer protection.

**Prerequisite:** None – required course.

**Parenting**  
**0801**

**0.50 credit**  
**one semester**

This course teaches skills for good parenting and nurturing of children as well as the responsibilities of parenthood. It includes areas of self awareness, the role of the family, human relationships and coordinating work and family life.

**Prerequisite:** None – required course.

## Fine Arts Courses

**Art I**  
**1000**

**1 credit**  
**two semesters**

Art I opens the student's basic areas of study and knowledge of: drawing, shading, values, and blending of different mediums. Its main purpose is to help the student become aware of art and different art forms. Grades will be determined by the quality of work produced, completion of projects in the time permitted, and the care of the provided equipment.

**Prerequisite:** None.

**Art II**  
**1001**

**1 credit**  
**two semesters**

Art II is the study of such areas of art as: painting, graphics, drawing, and sculpture with emphasis on a higher degree of skill development than in Art I. Grades will be determined by the quality of work, completion of projects in the time permitted, and the care of the provided equipment. Projects are on a larger scale than Art I.

**Prerequisite:** At least a 'B' average in Art I or permission of instructor.

**Art III**  
**1002**

**1 credit**  
**two semesters**

Students in Art III should plan to further their ability to communicate through art means and media. Grades will be determined by the quality of work produced, completion of their projects in the time permitted, and the care of the provided equipment.

**Prerequisite:** At least a 'B' average in Art II, or permission of instructor.

**Art IV**  
**1003**

**1 credit**  
**two semesters**

The serious art student will find freedom in this art course to develop in the field that interests them, as they assume much of the responsibility in determining their course of study. Grades will be determined by the quality of work produced, completion of their projects during the time permitted, and the care of the provided equipment.

**Prerequisite:** At least a 'B' average in Art III, or permission of instructor.

**High School Band**  
**3000**

**1 credit**  
**two semesters**

This is a performance course. Participation in band performance is required. In the course, students will study different styles of instrumental music for the purpose of sensitive, stylistic and musically informed performances. Proficiency in sight-reading skills will also be developed.

**Prerequisite:** None.

**High School Concert Choir**  
**2000**

**1 credit**  
**two semesters**

This is a performance course. Participation in choral performance is required. In the course, students will study different styles of choral music for the purpose of sensitive, stylistic and musically informed performances. Proficiency in sight-reading skills will also be developed.

**Prerequisite:** None.

## **Foreign Language Courses**

**Spanish I**  
**0601**

**1 credit**  
**two semesters**

This is a high school credit course. First year Spanish strives to develop a good foundation of grammar, syntax, and pronunciation. Oral participation is encouraged through questions and answers, conversations, skits, and original compositions. Students are exposed to the customs and culture of Hispanic worlds.

A student in the 8<sup>th</sup> grade may be permitted to take this course for high school credit provided he/she has at least a 'B' average in English and the 7<sup>th</sup> grade English teacher recommendation.

**Prerequisite:** None.

**Spanish II**  
**0602**

**1 credit**  
**two semesters**

The second year course stresses the development of correct pronunciation with emphasis on daily conversation Spanish. The grammar acquired in the first year is reviewed, expanded, and then applied practically in oral work. A constant effort is maintained to use the language whenever and wherever possible. The student is given the opportunity to become more familiar with the cultural aspects of Spanish-speaking countries, thereby making the students more appreciative and tolerant of foreign lands and their inhabitants.

**Prerequisite:** At least a 'C' average in Spanish I or permission from instructor.

**Spanish III**  
**0603**

**1 credit**  
**two semesters**

Students in this third year course will acquire vocabulary, study grammar, read selections from contemporary publications, view "hispanohablante" film, and discuss current events. Emphasis is also placed on improving speaking skills. Individual creativity in Spanish is encouraged through writing and speaking assignments.

**Prerequisite:** At least a 'C' average in Spanish II or permission from instructor.

**Spanish IV**  
**0604**

**1 credit**  
**two semesters**

Students in the advanced courses will acquire vocabulary, study grammar, read selections from contemporary publications, view "hispanohablante" film, and discuss current events. Emphasis is also placed on improving speaking skills. Individual creativity in Spanish is encouraged through writing and speaking assignments.

**Prerequisite:** At least a 'C' average in Spanish III or permission from instructor.

**Spanish V**  
**0605**

**1 credit**  
**two semesters**

Students in the advanced courses will acquire vocabulary, study grammar, read selections from contemporary publications, view "hispanohablante" film, and discuss current events. Emphasis is also placed on improving speaking skills. Individual creativity in Spanish is encouraged through writing and speaking assignments.

**Prerequisite:** At least a 'C' average in Spanish IV or permission from instructor.

**French I**  
**0611**

**1 credit**  
**two semesters**

This is a high school credit course. The four basic skills of speaking, listening, writing, and reading will be performed. The students will have many opportunities to speak French in practical settings.

A student in the 8<sup>th</sup> grade may be permitted to take this course for high school credit provided he/she has at least a 'B' average in English and the 7<sup>th</sup> grade English teacher recommendation.

**Prerequisite:** None.

**French II**  
**0612**

**1 credit**  
**two semesters**

The four basic skills are stressed to a greater degree. Emphasis is placed upon the study of French culture.

**Prerequisite:** At least a 'C' average in French I or permission of instructor.

**French III**  
**0613**

**1 credit**  
**two semesters**

The four basic skills are stressed to a greater degree. Several weeks are spent studying Francophone countries, in particular Canada. The greatest emphasis is on Quebec and the Quebecois.

**Prerequisite:** At least a 'C' average in French II or permission of instructor.

**French IV**  
**0614**

**1 credit**  
**two semesters**

Students in this advanced course will acquire vocabulary, study grammar, read selections from contemporary magazines, French literature, view a Francophone film and discuss current events. Emphasis is also placed on improving speaking skills. Individual creativity in French is encouraged through writing and speaking assignments. An art history unit titled 500 Years of Art is presented.

**Prerequisite:** At least a 'C' average in French III or permission of instructor.

**French V**  
**0615**

**1 credit**  
**two semesters**

Further study of Francophone countries including Canada and Switzerland is completed. La Chanson de Roland, the first epic poem written in French, is studied/ French medieval culture and literature are studied, culminating with a medieval banquet and skit performed by the students. Emphasis on grammar review is stressed throughout all activities.

**Prerequisite:** At least a 'C' average in French IV or permission of instructor.

## Health and Physical Education Courses

### **Health** **0903**

**0.50 credit**  
**one semester**

The Health curriculum is designed to promote student awareness of and an appreciation for a wellness lifestyle. Students will be introduced to information that will enable them to gain the knowledge and skills essential for Health literacy. The structure and function of systems of the body are studied, as are factors such as drugs, including alcohol and tobacco, which can have a detrimental effect on these systems. Also studied are proper diet, and relationships. Requirements for the course include homework assignments, quizzes, projects, reports, and written tests.

**Prerequisite:** None – required course.

### **Physical Education** **0901**

**0.25 credit**  
**one semester**

Physical Education is a discipline through which the student explores the value of maintaining an active lifestyle through a variety of activities. Students will be exposed to a variety of activities in the class. Skill tests and written tests may be required.

**Prerequisite:** None – required course.

### **Fitness and Weight Training** **0900**

**0.50 credits**  
**two semesters**

This course is designed for those individuals who are interested in total body fitness. The class will be designed to improve muscular strength, muscular endurance, cardiovascular endurance, flexibility, coordination, agility, and speed through team sports and leisure activities.

**Prerequisite:** Must be a Junior or Senior, completed a physical prior to the beginning of the class, and completed credit requirement in Physical Education.

## Mathematics Courses

### **Integrated Math I** **0303**

**1 credit**  
**two semesters**

This course develops a clear understanding of the essential topics for Algebra and Geometry. Topics such as measurement, probability, and statistics are also covered in the course.

**Prerequisite:** None

**Integrated Math II**  
**0304**

**1 credit**  
**two semesters**

Continuation of Integrated Math I

**Prerequisite:** Algebra I or Integrated Math I.

**Integrated Math III**  
**0316**

**1 credit**  
**two semesters**

Continuation of Integrated Math II

**Prerequisite:** Geometry or Integrated Math II.

**Algebra I**  
**0301**

**1 credit**  
**two semesters**

The first year algebra student learns a new language: The language of mathematics. All the rules of algebra are developed in a logical sequence, using letters (variables) which stand for unknown or general values instead of known numbers. A scientific calculator will be needed.

A student in the 8<sup>th</sup> grade may be permitted to take this course for high school credit provided he/she receives all A's in 7<sup>th</sup> grade mathematics and has 7<sup>th</sup> grade mathematics teacher recommendation

**Prerequisite:** None.

**Geometry**  
**0305**

**1 credit**  
**two semesters**

Plane and solid geometry are integrated. The study of geometry is based upon rules of logic and deductive reasoning. Vocabulary is defined, and theorems and formulas are proven. Topics are lines, angles, polygons, circles, solids, congruence, similarity, trigonometry of the right triangle, areas, volumes, constructions with compass and straight edge.

**Prerequisite:** Successful completion of BOTH semesters of Algebra I or Integrated Math II.

**Algebra II**  
**0302**

**1 credit**  
**two semesters**

Continuation of Algebra I. Real number system, rational and irrational numbers, functions, polynomials, quadratic equations, systems of equations, logarithms, sequences, series, complex number system, and problem solving. A TI-83 graphing calculator will be required.

**Prerequisite:** Successful completion of BOTH semesters of Geometry. Students wishing to take Algebra II at the same time as Geometry must have the recommendation of Algebra I teacher.

**Statistics**  
**0317**

**1 credit**  
**two semesters**

Statistics encompasses the techniques used to collect, organize, present, analyze, and interpret data. A TI-83 graphing calculator will be required.

**Prerequisite:** Algebra II.

-

**Trigonometry/Pre-calculus**  
**0306**

**1 credit**  
**two semesters**

Functions, logarithms, sequences and series, analytic geometry, trigonometry, the complex number system, and history of mathematics will be studied. Emphasis is on proof as well as problem solving. A TI-83 graphing calculator will be required.

**Prerequisite:** Algebra II.

**Calculus/MATH 141**  
**0307**

**1 H-L credit/4 UF semester hours**  
**two semesters**

Students have the option on enrolling in this course for either H-L High School credit only or for dual credit with the University of Findlay credit. This course will include a study of the techniques and meaning of the process of differentiation. Other topics include limits, continuity, implicit differentiations, extremes, the Mean Value Theorem, and applications. A TI-83 graphing calculator will be required.

**Prerequisite:** Calculus credit only: Trigonometry/Pre-calculus.

MATH 141 UF credit: 3.2 cumulative GPA, 83 in Trigonometry, and acceptance by UF.  
 Class is limited of 20 students per University requirement.

## Other Elective Courses

**Broadcasting I, II, III**  
**0211, 0212, 0213**

**1 credit**  
**two semesters**

The course is limited to 10 students due to equipment limitations. This class will create video announcements to be aired in the afternoon each day. Students will also be responsible for maintaining the HLTV 14 channel. Students will speak "on the air", write new scripts and learn to operate video equipment. A willingness to work with others and public speaking skills are necessary for this course. Students will be required to tape events outside of the school day.

**Prerequisite:** This course is open to 10<sup>th</sup> – 12<sup>th</sup> graders who have at least a 'B' average in current English, and at least a 'B-' average in Computer Applications. Students must apply and be accepted into this course.

**Television Production Class I, II, III**  
**0215, 0216, 0217**

**1 credit**  
**two semesters**

The course is limited to 10 students due to equipment limitations. Emphasis will be on script writing, equipment operation, and small-scale production of school events. Willingness to work with others and public speaking skills are necessary for this course. Students will be required to tape events outside of the school day.

**Prerequisite:** This course is open to 10<sup>th</sup> – 12<sup>th</sup> graders who have at least a 'B' average in current English, and at least a 'B-' average in Computer Applications. Students must apply and be accepted into this class.

**Yearbook I and II**  
**0218 and 0219**

**1 credit**  
**two semesters**

Total enrollment for Yearbook I and Yearbook II is limited to fifteen (15) students based on equipment limitations. Students will focus their time and talents in producing a school yearbook during the year. Students will use interviewing skills to obtain information as well as learn the art of layout and design, advertising, editing, producing and publishing a school annual.

**Prerequisite:** This course is open to 11<sup>th</sup> and 12<sup>th</sup> graders who have at least a 'B' average in current English. Students must apply and be accepted before enrolling in this class.

## Science Courses

**Principles of Physical, Earth and Space Sciences (PPESS)**  
**0403**

**1 credit**  
**two semesters**

Topics covered include: the universe, Earth systems, processes that shape Earth, the nature of matter, the nature of energy, and forces and motion. Additionally, students will do scientific inquiry and investigate the scientific ways of knowing. This course addresses the Ohio Academic Content Standards for 9<sup>th</sup> grade.

**Prerequisite:** None – required course.

**Biology**  
**0401**

**1 credit**  
**two semesters**

This course integrates the Ohio Academic Content Standards for 10<sup>th</sup> grade with the study of all living things on earth and how these organisms are classified in groups and compare to each other is the basis of the study of biology. Other portions of the course include the study of the animal kingdom, basic laboratory techniques, making biological models, and the dissection of animals. Dissection will include invertebrates such as earthworms, clams, starfish, etc.

**Prerequisite:** PPESS as a prerequisite or concurrent.

**Chemistry**  
**0402**

**1 credit**  
**two semesters**

Chemistry is the study of the structure and properties of matter. Topics covered may include: measuring and calculating, matter and its states, atomic structure, the periodic table, chemical formulas, the mole, chemical reactions, chemical bonding, molecular structure, chemical equilibrium, reaction rates, acids and bases, oxidation-reduction, electrochemistry, nuclear chemistry, and organic chemistry. Laboratory exercises will supplement lecture materials.

**Prerequisite:** Algebra I and Biology or permission of instructor.

**Advanced Biology**  
**0400****1 credit**  
**two semesters**

This course will include the study and comparison of all living organisms and will follow the guidelines of general biology. Emphasis will be placed on detail, laboratory techniques, and the ability to work independently in the lab and field. Dissections will include vertebrates such as perch, shark, frog, pigeon, and fetal pig.

**Prerequisite:** Biology.

**Anatomy & Physiology**  
**0409****1 credit**  
**two semesters**

This course is a systematic approach to the human body. Starting with tissues we will work into the major system including muscles and the skeletal system. Dissection of cats will be included to assist in the location and identification of systems in mammals.

**Prerequisite:** Biology.

**Physics/PHYS 250**  
**0406****1 H-L credit/4 UF semester hours**  
**two semesters**

This course is a development of vector mechanics, equilibrium, linear and rotational kinematics, and dynamics, work, energy and power, impulse and momentum, wave phenomena, fluid mechanics, and heat. Emphasis is placed upon the mathematical formulation of principles and on problem solving. A variety of laboratory experiences are coordinated with topics covered in lectures and problems.

**Upon final approval from the University of Findlay, Physics will also be offered for both Hopewell-Loudon credit and University of Findlay credit**

**Prerequisite:** High School Physics credit only: Grade of 'C' or better in Algebra II and Chemistry, or permission of instructor.

PHYS 250 UF-USA credit: 3.2 cumulative GPA and acceptance by UF. Class is limited of 20 students per University requirement.

**Environmental Science**  
**0412****1 credit**  
**two semesters**

This is a course designed to explore the different forms of natural resources and their role in the environment. The natural resources examined include soil, water, air, wildlife, fossil fuels, biomass fuels, and renewable energy. Conservation, pollution hazards, and contamination will all be explored to the effects they have on our environment. Students will have several conservation projects and an actual biomass fuel producing project which they will test.

**Prerequisite:** Biology and status in the 11<sup>th</sup> or 12<sup>th</sup> grades.

## **Social Studies Courses**

**World Studies**  
**0507****1 credit**  
**two semesters**

Ninth-grade students continue the chronological study of world history begun in seventh grade. This study incorporates each of the seven standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

**Prerequisite:** None – required course.

**United States Studies**  
**0500**

**1 credit**  
**two semesters**

Tenth-grade students continue the chronological studies of history of the United States begun in eighth grade with emphasis on domestic affairs. This study incorporates each of the seven standards. As students study historic eras, they consider the influence of geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

**Prerequisite:** None – required course.

**World Issues**  
**0512**

**1 credit**  
**two semesters**

Through discussion of local, state, national and international events, students gain an awareness of what’s happening in the world today. Magazines, newspapers and textbooks will be used as classroom materials.

**Prerequisite:** Successful completion of United States Studies – elective course.

**Citizenship**  
**0503**

**1 credit**  
**two semesters**

The twelfth-grade year serves as a capstone in which students apply the knowledge and skills that they have learned during previous grades. It focuses on current events and recent history while allowing students to choose topics of particular interest. Students demonstrate skills necessary for active, effective citizenship.

**Prerequisite:** None – required course.

**Psychology**  
**0508**

**0.5 credit H-L/3 UF semester hours**  
**one semester**

This is a UF-USA course designed to introduce students to the study of psychology. Emphasis will be on developing and maintaining positive relationships. Topics to be studied include: knowing yourself, the aging process, decision making, achieving happiness, expressing emotion, improving your health, communication skills, and building relationships through your family, career, and personal life. This course will be lecture and test based.

**Prerequisite:** HL credit only: Successful completion of United States Studies.  
PSY 113 UF credit: 3.2 cumulative GPA and acceptance by UF.  
Class is limited of 20 students per University requirement.

**Sociology**  
**0509**

**0.5 credit H-L**  
**one semester**

This is an introductory course to the study of sociology. Sociology is the study of the history, development, organization, and problems of people living together as social groups. This class will be discussion based.

**Prerequisite:** Successful completion of United States Studies – elective course.

**INDEX OF COURSES**

	Page		Page
Accounting I	8	Ag. Business & Leadership I	7
Agricultural Science I	7	Ag. Business & Leadership II	7
Agricultural Science II	7	Advanced Biology	18
Agricultural Mechanics I	7	Advanced Lit./Composition 11	9
Agricultural Mechanics II	7	Advanced English 12/ENGL 104	10

Algebra I	15	PPESS	17
Algebra II	15	Psychology	19
Anatomy & Physiology	18	Sociology	19
Art I	11	Spanish I	12
Art II	11	Spanish II	12
Art III	11	Spanish III	12
Art IV	11	Spanish IV	13
Biology	17	Spanish V	13
Broadcasting I	16	Statistics	16
Broadcasting II	16	Summer Agricultural Education	8
Broadcasting III	16	Television Production Class I	17
Calculus/MATH 141	16	Television Production Class II	17
Chemistry	18	Television Production Class III	17
Citizenship	19	Trigonometry/Pre-Calculus	16
Communications	10	United States Studies	19
Computer Applications I	8	Web Page Design I	8
Computer Applications II	8	Web Page Design II	8
English 9	9	World Issues	19
English 10	9	World Studies	19
Environmental Science	18	Yearbook I	17
French I	13	Yearbook II	17
French II	13		
French III	13		
French IV	13		
French V	14		
Fitness & Weight Training	14		
Geometry	15		
Health	14		
High School Band	12		
High School Concert Choir	12		
Integrated Math I	15		
Integrated Math II	15		
Integrated Math III	15		
Introduction to Business	8		
Life Skills I	10		
Life Skills II	10		
Literature/Composition 11	9		
Literature/Composition 12	9		
Parenting	11		
Personal Finance	11		
Physical Education	14		
Physics/PHYS 250	18		

