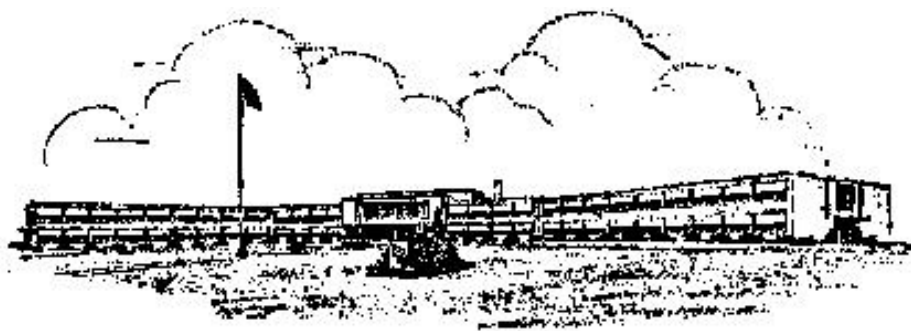




# **Sandusky High School**



## **Course Selection Guide 2009-2010**

**Sandusky High School  
Grades 9-12  
2130 Hayes Avenue  
Sandusky, Ohio 44870-4740**

# **SANDUSKY CITY SCHOOLS**

## **Board of Education**

King Baer      Faith Denslow      Jeff Krabill  
Thomas Patterson      Tracy Shoemo

## **Superintendent**

William F. Pahl

## **Assistant Superintendent**

Thomas Tucker

## **Director of Curriculum and Instruction**

Dr. Sally Roth

# **SANDUSKY HIGH SCHOOL**

## **Principal**

Dan L. Poggiali

## **Assistant Principals**

Bobby Langdon      Dennis Muratori      Susan Sackett      Vicki Slaughter

## **Counselors**

John Cornwell      Mary Ellen Hart      Dakota King-White      Dr. Barbara Straka-Kenning, Director

## **Director of Career and Technical/Adult Education**

Nancy Zechman

**SANDUSKY HIGH SCHOOL**  
**Sandusky, OH**

**Philosophy**

Sandusky High School reflects the standards, desires, and concerns of the diversified community it supports. As one of the primary assets of the community, it provides learning opportunities and methods of attaining stability for all people within the community.

The curriculum meets the current and changing needs of students entering the labor market, post high school training facilities, the military, or homemaking. Sandusky High School trains students to have useful knowledge for immediate academic and vocational needs as well as to be flexible enough to adapt to changes the future is sure to bring.

The school provides a stable environment in which students can cultivate character commensurate with American ideals essential for success and happiness. It fosters intellectual, social, moral, cultural, and physical growth. It provides opportunities to develop skills and knowledge enabling students to be happy, productive, responsible, and loyal citizens in our democracy. To this end, Sandusky High helps students achieve self understanding and self-esteem as well as an understanding and acceptance of others.

Finally, Sandusky High School educational programs and all activities are provided without regard to race, color, national origin, sex, or disability.

Revised: 1998

**Sandusky City Schools**  
**Mission Statement**  
**High performing learners in a high performing school system.**

**Sandusky High School Mission Statement**

The faculty, staff, and administration of Sandusky High School recognize that all children will learn. We will strive to graduate students who are productive, responsible members of society.

Goals:

1. To improve student performance on Achievement and Proficiency tests.
2. To improve our attendance rate, completion rate, and dropout rate.
3. To promote parental and community support to develop students into responsible citizens and to achieve higher levels of academic performance.
4. To enhance staff development to create an awareness of changing methods and materials in education.
5. To increase the use of technology by students and staff.
6. To promote ethnic tolerance and cultural harmony through an improved school environment.

**Educational Objectives**

Without attempting to rank the importance of any objectives, it shall be the purpose of Sandusky High School, in so far as possible, to develop persons who:

- can function in our changing multi-cultural, multi-racial society through the use of increased communication.
- can think and reason quantitatively as well as understand the scientific phenomena which affect them.
- can retain individuality while living harmoniously with others.
- can make a living with training received here or after subsequent study.
- can accept and deal with personal problems and attempt their solution.
- can recognize and accept their potential and limitations while enhancing their own self value.
- can care for their health and understand the relationship of their physical and mental well being to success and happiness.
- can manage personal finances and have an understanding of the larger economic conditions which affect them.
- will be better prepared for wholesome choices in the use of leisure time through certain interests and skills acquired here while developing the motivation and desire to continue learning as a lifelong process.
- can assume responsible citizenship in our democratic society because the entire range of school activities has encouraged in them such qualities as intellectual independence, social responsibility, self-discipline, and respect for the rights of others.
- will preserve and appreciate the beauty of their natural surroundings and of the aesthetic creations of mankind.
- will leave with a positive feeling about their experiences at Sandusky High School.

# **PROCESS FOR REGISTRATION**

## **2009 - 2010**

### **IMPORTANT DATES**

January 28 – February 3, 2009	Pre-Register in English Classes
February 15 – April 13, 2009	Counselor Appointments/Requests verified

### **The Registration Process**

#### **Step One**

Counselors meet with all students in English class to complete pre-registration sheets and the four-year plan. Each student receives a Course Registration Guide detailing graduation requirements and course description for all courses offered at Sandusky High School. In addition, the Course Registration Guide provides course recommendations for students pursuing honor diplomas, college preparatory guidelines and eligibility standards for college-bound athletes. Subject selection includes consideration of prerequisite coursework for Advanced Placement courses and/or Career Technical programs in the junior and senior year. Students and parents are encouraged to familiarize themselves with this guide in preparation for registration. A four-year plan outline is provided on the last pages of the guide for your convenience.

#### **Step Two**

Between February 15<sup>th</sup> and April 13<sup>th</sup> students are assigned individual meetings with their counselor to discuss course selection for the 2009-10 school year. Teachers provide the counselors recommendations for advanced academic coursework to assist with course selection. The course registration form and verification are completed during this meeting. Each student receives a verification form indicating classes selected for parent approval. The student returns the signed verification form to the counselor for confirmation.

#### **Changes in Courses are Difficult to Make**

The courses selected by students and parents determine the number of sections needed for each course, room assignments, textbooks, supplies and faculty for the 2009-10 school year. No schedule changes are permitted after April 17, 2009, unless one of the following criteria is met:

1. A computer error is made in the student's schedule.
2. A teacher and parent request a level change for an academic course. Level changes are made only if class enrollment permits. An application for level change must be completed and submitted to the guidance department.
3. Level changes for AP courses initiated strictly by the teacher of record and only when student is academically misplaced.

**Note: No schedule changes are permitted for elective courses.**

## **SHS Counseling Services**

New students entering Sandusky High School are assigned counselors alphabetically by last name. Students will have the same counselors throughout their high school experience. Following are the counselors' names and the part of the alphabet they are responsible for:

Mr. John Cornwell	A-E
Mrs. Mary Ellen Hart	F-K
Dakota King-White	L-Sm
Dr. Barb Straka-Kenning	Sn -Z

The SHS Counselors are academic counselors who help the students plan and register for classes each year. They are responsible for the administration of standardized tests and the interpretation of test results. The counselors provide college and career information to guide and encourage students toward successful post-secondary careers. Counselors are also available for all students to discuss personal concerns and issues.

## **Alternate Year Courses**

AP Chemistry and AP Physics B are alternate year courses. AP Chemistry will be offered in the following school years (09/10, 11/12, 13/14 etc.) AP Physics B will be offered in the following school years (10/11, 12/13, 14/15 etc.)

## **Minimum Enrollment**

A minimum of fifteen (15) students is required for a course offering. Advanced Placement, Individualized Education Plan Programs, and specialty courses as approved by the superintendent of schools are excluded.

# **SANDUSKY HIGH SCHOOL REGISTRATION INFORMATION**

## **Graduation Requirements for the Class of 2010, 2011, 2012 and 2013**

(Anyone Graduating after September 15, 2006)

- I. A minimum of twenty-one units of credit.
- II. Each student must have the following 14 units of credits as part of their minimum 21 needed for graduation.
  - English (four units)
  - Mathematics (three units)
  - Science (three units must include 1 unit Physical Science and 1 unit Biological Science)
  - Health (half unit)
  - Physical Education (half unit)
  - Social Studies (3 units)
- III. Electives must include one unit or two half-units in Business/Technology, Fine Arts, or Foreign Language.
- IV. Successfully pass all sections of the Ohio Graduation Test (OGT) or meet Alternative Requirements.

## **Honors Diploma**

Beginning **September 15, 2001**, the student who completes the college preparatory curriculum in high school must meet any eight of the following nine criteria prior to September 15, 2010:

1. Earn four units of English;
2. Earn three units of mathematics that include Algebra I, Algebra II, and Geometry or complete a three-year sequence of courses that contain equivalent content;

3. Earn three units of science that include instructional emphasis on the physical;
4. Earn three units of social studies;
5. Earn either three units of one foreign language or two units each of two foreign languages;
6. Earn one unit of fine arts;
7. Earn either one unit of business/technology and two additional units in (a) through (f) above or earn three additional units, in (a) through (f) above;
8. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year;
9. Obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1210 on the Scholastic Assessment Tests (SAT) without writing.

Beginning **September 15, 2001**, the student who completes an intensive career-technical education curriculum in high school must meet any nine of the following ten criteria prior to September 15, 2010:

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

Under the approved rule, no student can be required to meet more than the specified number of criteria, and no student can be required to meet any one particular criterion.

### **Criteria for Diploma with Honors for the Graduating Class of 2011 and Beyond**

The student who completes 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 foreign language or two units each of two foreign 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; or
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).

The student who completes 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.webexam.org/info\\_docs.asp](http://www.webexam.org/info_docs.asp), with additional content available by clicking here) or equivalent assessment aligned with state-approved and industry validated technical standards; or
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; or
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).

### **College Prep Program**

Students must carefully select their courses if they plan to attend a 4 year college. Enrolling in a state assisted university in Ohio may require any or all of the following courses:

- 4 credits of English
- 3 credits of college preparatory math (Algebra I, Geometry, Algebra II)
- 3 credits of social studies
- 3 credits science
- 2 credits of foreign language
- 1 credit of the visual or performing arts

Private schools in Ohio as well as outside the state may also require these courses. Taking **ALL** of these courses will **INSURE** that you will have the necessary requirements wherever you attend higher education.

It may be possible to be accepted into a college or university without the coursework on a **CONDITIONAL** basis. That means that a student would be required, as a college freshman, to take courses that would not count toward college graduation. The end result may be that a college curriculum would take more than four (4) years to complete.

To avoid the cost of additional coursework or not being accepted to a first-choice college, **ALL COLLEGE-BOUND HIGH SCHOOL STUDENTS SHOULD COMPLETE THE COURSES LISTED ABOVE.**

Two year colleges and technical schools vary in high school requirements. Your counselor can best recommend courses if your goal is two years of education beyond high school.

### **Class Status**

Sandusky High School **class status** homeroom placement is determined by credit earned toward the twenty one required for graduation.

<u>Year</u>	<u>Minimum Carnegie Units</u>
Freshman	0
Sophomore	4.5
Junior	10
Senior	15

### **Class Rank**

Class rank is a student's position within a high school class as determined by comparing academic achievement. The ranking of students shall be for purpose of determining honor students, various distinctions related to high school graduation and to provide information for college entrance officials. However, the ranking of students within a class shall be considered privileged information and shall not be printed or published.

Ranking of classes is completed at the end of two semesters, four semesters, six semesters, seven semesters, and eight semesters. In computing class rank the following point system is used:

<u>Regular Course</u>				
A=4	B=3	C=2	D=1	F=0
<u>Advanced Placement (AP) Courses</u> (Effective in 1987-88)				
A=5	B=4	C=3	D=2	F=0

### **Course Level Selection**

Accelerated courses are designated on the master schedule by the title of “honors”. An example would be English I and English I Honors.

While a student’s recommended course level is based upon teacher evaluation of that student’s past performance, a student may register for an ability group above or below the recommended level under the following conditions:

1. Written approval by parent.
2. All prerequisites must have been completed.
3. Classroom space must be available. Preference will be given to students originally recommended to all levels.

### **Advanced Placement Courses**

Six advanced placement courses are offered at Sandusky High School. They include:

- AP English Literature and Composition
- AP United States History
- AP Calculus AB
- AP Biology
- AP Chemistry (09/10, 11/12, 13/14)
- AP Physics B (10/11, 12/13, 14/15)

Each course follows an Advanced Placement syllabus and taught as a college level course. Advanced Placement courses provide the accelerated high school student the opportunity to obtain college credit through achieving a successful grade on the Advanced Placement exams offered in the spring of each year. All students are required to take the Advanced Placement exams. Student fees include costs for the Advanced Placement examinations. Course descriptions on the Advanced Placement courses may be found under the English, Social Studies, Mathematics, and Science departments. Students should review the prerequisites required of some Advanced Placement courses given under the course descriptions in planning their schedule. Any student who has a financial problem should contact their respective counselor in Room 118 for possible assistance.

### **Course Fees**

Please notice that there is a fee for many of the elective courses offered. This fee is a charge for the materials, workbooks, projects, etc. used by the students throughout the school year. The fee represents a fraction of the actual cost of the items. The balance is paid for by the Board of Education.

Students registering for courses that have a required fee will be required to pay the designated fee by October 30, 2009.

An INVOICE will be mailed to the parent(s) after the beginning of school. The INVOICE will indicate the total amount due, based on current courses and the deadline for making payment (October 30, 2009).

**(See Pages 25 – 28 for Course Fees)**

### **Recommendations and Departmental Information**

Departmental information and course recommendations discussed under the following headings should be of assistance in planning your high school program:

I	Art & Crafts	VIII	Industrial Technology
II	Business Technology	IX	Mathematics
III	English	X	Music
IV	Family & Consumer Sciences	XI	Science
V	Foreign Language	XII	Social Studies
VI	Health & Physical Education	XIII	Career and Technical Education
VII	Individualized Education Plan Programs	XIV	Additional Electives

## I Art & Crafts (Visual Arts)

### A. Art

1. Advanced Drawing – A semester course involved in the advanced study of drawing. In-depth studies will be completed with an emphasis on developing individual style. Creativity, composition, and design problem solving will be stressed. Historical subject matter will continue to be explored. Credit ½; Fee \$5.00 Prerequisite: Drawing and Painting II
2. Advanced Painting – A semester course involved in the advanced study of painting. In-depth studies will be completed with an emphasis on developing individual style and technique using various paint media. Creativity, composition, and design problem solving will be stressed. Historical subject matter will continue to be explored. Credit ½; Fee \$5.00 Prerequisite: Drawing and Painting II
3. Advanced Sculpture – A semester course of advanced exploration of sculptural art. Students will continue to develop skills in sculptural form using a variety of media such as clay, cloth, metal, wood and wire. Designing skills and sculptural history will continue to be developed. Credit ½; Fee \$5.00 Prerequisite: Beginning Sculpture/Printmaking
4. Art Fundamentals – A semester course which will serve as a foundation for further art study. Art fundamentals such as color, value, and line will be explored as students begin working in drawing and painting mediums. Art history, architecture, aesthetics, and criticism will expand every student's understanding of art in society. Credit ½; Fee \$5.00
5. Art History and Appreciation – A semester course open to any student who would like to know more about the world of fine art. The focus of this course is to give students an understanding and appreciation of art history and its role in society. Hands on involvement in projects that do not require training along with museum and gallery visits will allow each student to formulate their personal art philosophies. Credit ½; Fee \$5.00
6. Beginning Sculpture/Printmaking – A semester course which will serve as a foundation for further art study. Drawing and design fundamentals will be explored as students begin working in sculpture, printmaking, and design. Art history, aesthetics and criticism will prepare the student for advanced study in the arts. Credit ½; Fee \$5.00
7. Design and Architecture – A semester course involved in the study of the principles of design and their impact on society. Students will concentrate on product design, architecture, mass media, fashion and technology. The cultural, economic and historical influences on these topics will be explored through many art mediums. Credit ½; Fee \$5.00 Prerequisite: Art Fundamentals
8. Drawing and Painting II – A semester course of intermediate study in which drawing and painting techniques and applications are pursued through a variety of mediums. More advanced and creative opportunities will be provided with projects that build on the foundational skills developed in Art Fundamentals. The history of the artists and techniques studied will be covered. Credit ½; Fee \$5.00 Prerequisite: Art Fundamentals
9. Senior Art Studio-2D – A semester course involved in independent advanced study in the art areas offered at Sandusky High. This course is intended for senior students who wish to explore their area of interest in a particular media(s). Credit ½; Fee \$5.00 Prerequisite: Senior students who have completed Advanced Drawing or Advanced Painting

10. Sculpture and Printmaking II – A semester course involved in the continuation of study in three dimensional and printmaking arts. Students will be exposed to a variety of sculptural materials to create finished work. They will also work with printmaking techniques such as relief prints, silkscreen, and dry point etching to develop finished compositions. The cultural and historical impact of sculptors and printmakers will be explored. Credit ½; Fee \$5.00 Prerequisite: Beginning Sculpture/Printmaking
11. Photography I – This course gives students basic instruction and experience in the field of black and white photography. Emphasis is placed on the proper use and operation of a 35mm camera, film developing and printmaking. Areas of study also include composition, portraits, flash operations, and print presentation. Credit ½; Fee \$10.00
12. Photography II – This course provides students the opportunity to pursue and expound on those skills and techniques learned in Photography I. This course provides study in both black and white and color photography. Students gain experience in advanced camera and equipment handling, more sophisticated use of software in digital photography and advanced darkroom skills. Credit ½; Fee \$20.00 Prerequisite: Photography I

## **B. Crafts**

1. Advanced Art Metals – A semester course involved in advanced study of jewelry and enameling. Casting and fabrication techniques are included. Enameling techniques will continue to build on previous level. Students must utilize their knowledge of design and color to create works of art in the field of art metals. The history of this field will be developed further. Credit ½; Fee \$5.00 Prerequisite: Art Metals II
2. Advanced Ceramics – A semester course involving advanced study in ceramic art. Advanced projects will be undertaken in the various hand building, wheel throwing, and decorating techniques already learned. This course will include further study in decorating techniques and history of the ceramic arts. Credit ½; Fee \$5.00 Prerequisite: Ceramics II
3. Art Metals II – A semester course involved in the continuation of study in the field of art metals. Students will explore a variety of techniques in creating jewelry, as well as several different enameling processes. Historical aspects of these areas will be covered. Credit ½; Fee \$5.00 Prerequisite: Intro to Art Metals and Fibers
4. Ceramics II – A semester course involved in the continuation of study in ceramics building upon and adding to techniques of hand building, wheel throwing and clay decoration. Students will demonstrate skill development as they finish projects in these areas. Ceramic artists and history will be explored. Credit ½; Fee \$5.00 Prerequisite: Intro to Ceramics
5. Senior Craft Studio-3D – A semester course providing independent advanced study in the crafts areas offered at Sandusky High. This course is intended for senior students who wish to explore their areas of interest in a particular media(s). Credit ½; Fee \$5.00 Prerequisite: Senior students who have completed either Advanced Art Metals or Advanced Ceramics
6. Intro to Art Metals and Fibers – A semester course which will serve as an introductory class in which the basic design elements are stressed in a variety of fiber and art metals crafts. Leather working, glass, copper enameling, jewelry casting, and batik are the type of crafts to be explored. Credit ½; Fee \$5.00
7. Intro to Ceramics – A semester course which will serve as an introductory class in which the basic design elements are stressed in ceramics. The potter's wheel and several hand building techniques will be covered in ceramics, as well as decoration. Credit ½; Fee \$5.00
8. Fiber Arts II – A semester course involved in the continuation of study in the area of textile design will be explored while working with various fiber media such as batik. Historical aspects of these areas will be covered. Credit ½; Fee \$5.00 Prerequisite: Intro to Art Metals and Fibers

9. Fiber Arts III – A semester course which continues to develop the skills learned in the II level (Fiber Arts) course, with more advanced study in the areas of leather, glass and fiber creations. Credit ½; Fee \$5.00  
Prerequisite: Fiber Arts II

## **II Business Technology**

- A. Business Foundations - A semester course for students interested in business careers or owning their own business. Students will learn the basics about business economics and then develop their own business venture including creating a viable business plan. Topics discussed will include the economic process, the free enterprise system, today's business organization, the government's role in business and entrepreneurship. Credit: 1/2; Fee: \$5.00
- A. Computer Foundations I– A semester course where students review and strengthen basic keyboarding techniques and obtain beginning word processing, spreadsheet, and basic computer presentation skills. Credit ½; Fee \$5.00
- B. Computer Foundations II - A semester course where students will improve their ability to use the keyboard efficiently and accurately while mastering intermediate word processing applications and presentation graphics. Students will be introduced to basic hardware terminology and Internet safety through Internet research and activities. Credit ½; Fee \$5.00.
- C. Computer Foundations III– A semester course where intermediate spreadsheet, beginning database, and advanced presentation applications will be mastered. Learn to calculate car loan payments, create a personal catalogue for your music, and dazzle the viewers of your computer presentations! Credit ½; Fee \$5.00  
Prerequisite: Computer Foundations II
- D. Personal Money Management - A semester course that prepares students to make decisions as consumers, wage earners, and citizens. Topics discussed include money and banking, using credit, saving and investing, and insurance. This course enables students to better manage their personal business affairs. Students are introduced to the financial software Quicken. Credit ½; Fee \$5.00
- E. Web Page Design– In this semester course you will explore the fundamentals of creating dynamic web pages from start to finish through HTML (Hypertext Markup Language), Dreamweaver, and PhotoShop software. Discover how to format text, add hyperlinks, create tables, and manipulate graphics. Website Design is an incredibly fun skill to learn! Credit ½; Fee \$5.00 Recommended: Computer Foundations II

## **III English**

### **Freshmen English**

- A. Contemporary English I: Freshmen level English class in which students are required to read different types of literature (two novels and two plays as well as selections from the anthology) in the classroom, to respond to them in well organized compositions, to conduct a thorough writing of the career research paper, and to begin to prepare for the OGT. The course material also includes practice of grammar skills and vocabulary drills.
- B. College Preparatory English I: Designed for hardworking motivated individuals who plan to pursue a four year college degree after graduation. Any student enrolling in a college preparatory class can expect to spend at least thirty minutes of homework on the following activities: reviewing vocabulary; reading assigned texts (three novels, two plays and anthology selections); writing single and multi-paragraph compositions; vocabulary reinforcement and drill; grammar reinforcement and drill; preparation for the OGT and various standardized tests. The research project must be completed to obtain credit for that semester's work. Prerequisite: At least a B in English with teacher recommendation
- C. English I Honors: Level moves at a more accelerated pace and requires at least thirty minutes of homework preparation. This literature based composition class requires the reading of three novels, one drama, and at least

fourteen selections from the anthology. Test taking skills, study skills, grammar and vocabulary review as well as an in depth career research paper all heavily depend on the students' independent study skills. Compositions will include short and extended response, essays, reports and presentations. Prerequisite: At least a B in Honors English with a teacher recommendation

### **Sophomore English**

- A. **Contemporary English II:** Literature and grammar are both covered in this class. Students read, study, present and write on three novels along with short stories, plays, essays, and poems. Assigned homework must be completed. The research project must be completed to obtain credit for that semester's work.
- B. **College Preparatory English II:** Literature and grammar are both covered in this class. Students read, study present and write on four novels along with short stories, essays, dramas and poetry. Students are expected to do homework assignments. The research project must be completed to obtain credit for that semester's work.
- C. **English II Honors:** Literature and grammar are both covered in this class. Six novels along with short stories, plays, essays and poems will be read, analyzed, written about and prepared for presentation. Reading and writing homework is assigned and must be completed. The research project must be completed to obtain credit for that semester's work.

### **Junior English**

- A. **Contemporary English III:** A junior level English class where students will be required to read different genres of literature (three novels and two plays) in the classroom, responding to them in well-organized compositions and presentations, and conduct a thorough research paper. Students will continue to build upon the fundamentals of reading and writing that they have learned in previous years. They will study vocabulary and grammar and learn the proper ways to use both in their writing. Although the word "college" does not appear in the title of this course, students will be prepared to continue on with their education in their senior year and beyond high school.
- B. **College Preparatory English III:** A junior level English class where students will be required to read the different genres of literature( six novels and two plays), both in the classroom and as assigned homework reading, respond to these works in well written compositions and well prepared presentations, and conduct a thorough, detailed research paper during the spring semester. In this literature based writing program the students are expected to use proper grammatical structures in all writing. The rigorous course vocabulary is based on commonly used words from the ACT and SAT.
- C. **English III Honors:** An accelerated English class that requires extensive outside reading (ten novels, three plays as well as selections from the American Literature anthology). Critical analysis skills are stressed in this course through extended response questions on literature tests, numerous impromptu and formal essays, and the second semester research paper. Completion of the research paper is required to pass the second semester. Oral presentations are required. Emphasis is placed on vocabulary development and PSAT/ACT/SAT test preparation. Students taking this demanding course must earn at least a "B" average in English II Honors or have a written recommendation from the sophomore English teacher.

### **Senior English**

- A. **Contemporary English IV:** This class is designed primarily for students who are not pursuing a four year college degree after graduation. Course material includes grammar review, vocabulary, three novels, two plays, short stories, poetry, presentations, completion of the career passport and the required research project.
- B. **College Preparatory English IV:** A senior level English class where students will be required to read the different genres of literature (six novels and two plays, as well as selections from the anthology), both in the classroom and as assigned homework reading, respond to these works in well written compositions and well prepared presentations, and conduct a thorough, detailed research project as well as complete the career passport. In this literature based writing program the students are expected to use proper grammatical structures in all writing. The rigorous course vocabulary and standardized test analysis is preparation for both the ACT and SAT.

- C. AP English Literature and Composition: Challenges students to read, analyze, comprehend, discuss, and critique profound literature in presentations, papers and discussions. Students are expected to read twenty-five to thirty major literary works throughout the year and to participate in all discussions offering interpretations and explanations of the readings. A goal of the course is to attain college credits by taking the required AP test in May. Fee \$78.00 (includes the cost of the AP test)

#### **IV Family and Consumer Sciences**

Each class is designed to prepare students for balancing personal, home, family, and work lives. These courses are valuable for students planning to enroll in Early Childhood Education and Care, Lodging Management, or Health Careers Tech Prep as juniors.

- A. Freshman Connections: This class covers skills for life. It is divided into two sections. The first section will focus on the transition to high school - learn about getting organized, making good decisions and handling the stress of high school! The second section will include nutrition and cooking labs. You will learn basic food preparation skills - preparing snacks and meals! Open to all freshmen. Credit 1/2; Fee \$20.00
- B. Focus on Children: Explore the rewards and challenges of parenting, while learning some great skills for meeting kids' needs without running out of time, energy, and patience! This is a very "hands-on" class, so be prepared to make your own games and toys, cook up some interesting snacks for kids, and even practice using positive guidance on real kids! If you want to work with children through teaching, coaching, or even the medical profession, this class is for you! Open to all students. Credit 1/2; Fee \$10.00
- C. Friends and Food Around the World: This course is for students who have an adventurous palette or want to refine their culinary skills. Learn about other cultures around the world through food. You will learn to prepare foods from other countries and from various regions of the United States. The study of foods can help further your appreciation of other cultures and traditions. Open to sophomores, juniors, and seniors. Credit 1/2; Fee \$25.00
- D. Creative Sewing: This is a beginning level sewing class. Clothing styles, fabric construction techniques, and careers in the fashion industry are studied. Learn basic machine and hand sewing techniques, and have the opportunity to complete a variety of projects including items for your home and wardrobe. Open to all students. Credit 1/2; Fee \$20.00
- E. Creative Cooking: Learn about wellness and how eating nutritiously is part of that puzzle. Experiment with different foods, prepare holiday items, and explore creative things to do in the kitchen. Learn to season foods, create unique recipes and even participate in a Pizza Making Contest and Chili Cook-Off! If you love food and really want to expand your skills as a chef, this course is for you! Open to juniors and seniors. Credit 1/2; Fee \$25.00
- F. Single Survival: Are you interested in learning practical life skills? Are you planning to further your education beyond high school? The Single Survival class will give you an opportunity to learn the basics of surviving apartment life before you take that next big step beyond high school! Some of the topics that will be covered are cooking your own meals, sewing basics and laundry care, renting an apartment, getting along with a roommate, grocery shopping, and entertaining. In addition, the class will help you prepare for the ACT/SAT tests, research and visit different colleges and universities, complete financial aid and scholarship forms, and even volunteer in the community. Single Survival is designed to give you the confidence to take charge of your destiny! Open to juniors and seniors. Credit 1/2; Fee: \$15.00

#### **V Foreign Language**

- A. The importance of foreign language to those planning for college must not be underestimated. It is true that a student may enter some main campuses of some state universities without a foreign language. However, many university programs, especially those in liberal arts, require proficiency in a foreign language. Thus the student may not need a language to enter some universities, but he might need one to receive a degree.

Successful completion of a foreign language at the high school level often reduces the number of foreign language courses to be taken at a university. In addition to the attainment of a university degree, foreign language study is useful for many careers in business and travel.

B. The courses offered in the foreign language department are as follows:

Levels I, II, III and IV of French, Latin, German and Spanish. (It is intended that all levels be offered. However, the third and fourth year offerings depend upon enrollment.)

▲ Teacher recommendation is suggested beyond the first year course.

German I, Latin I, II, III and IV will have a required \$10.00 workbook fee. Spanish I, II, III and IV will have a required \$10.00 supplemental material fee.

## **VI Health-Physical Education (HPE)**

Physical Education and Health are required of all students for graduation. One-quarter unit of credit is earned for each of the 9<sup>th</sup> and 10<sup>th</sup> years for Physical Education. A course in Health, meeting daily for one semester, is required in the 10<sup>th</sup> grade. One-half unit of credit is earned.

Physical Education electives will provide additional experiences for the individual to learn activities that are challenging, developmental and will lead to positive physical, social, intellectual and emotional growth for present and lifetime pursuits.

- A. Weight Training I – A semester course meeting everyday. Open to juniors and seniors. Designed to introduce techniques to develop body strength through the proper use of fitness equipment. Programs for individuals will be developed according to attainable goals. Credit ½; Prerequisite: PE I and PE II
- B. Weight Training II – A semester course meeting everyday. Open to juniors and seniors. Designed to maintain techniques of fitness training earned in Weight Training I and to re-emphasize the importance of safety as increased weights and workout schedules become involved. Credit ½; Prerequisite: Weight Training I
- C. Weight Training III – A semester course meeting everyday. Open to seniors who are interested in advanced concepts in fitness and weight training. Personalized programs at an increased intensity would be regulated for each individual. Credit ½; Prerequisite: Weight Training I and II
- D. Weight Training IV – A semester course meeting everyday. Open to seniors who have dedicated themselves to the benefits of consistent, conscientious weight training and fitness. Their concern towards proper nutrition and fitness promotes positive self-esteem through training. Credit ½; Prerequisite: Weight Training I, II and III

## **VII Individualized Education Plan Programs**

Individualized Education Plan (IEP) program offerings are courses designed to enable students on an Individualized Education Plan to complete all requirements for graduation. Included in the program, as either tutoring or course offerings, are English, Reading, Social Studies, Mathematics, Science, Health and Work Study. IEP courses are designated on the master schedule as Basic.

Individual program choices are determined at the students' IEP meeting by the IEP team. Programs are also designed specifically to meet the academic, adaptive behavior, or social skill deficits identified through a multifactor evaluation.

## **VIII Industrial Technology Education (Preference 9<sup>th</sup> and 10<sup>th</sup> Grade)**

Industrial Technology Education offers a wide variety of courses. With a continually changing industrial and technological society, all students are encouraged to explore and pursue several industrial education courses in their high school curriculum.

- A. Technology Exploration: This program is designed for freshman and sophomores to explore high tech career opportunities available in the 21<sup>st</sup> century. Technology exploration will help students become more technologically literate. Students will learn how technology is designed, made, and used. Students will also learn about the impact of technology on society and where technology is going in the future. Students build projects that make learning come to life, including building mini-robots. Credit 1/2 Fee: \$10.00
- B. Design - Drafting & CAD Technology I: This course is an introductory course in design fundamentals, drafting, and CAD (computer aided drafting/design) skills in relationship to the various engineering, architecture and skills trades such as welding, machining and manufacturing. Learn the basic idea of how drawings and designs are made by the engineer or architect to manufacture the products and buildings we use everyday. Open to all students. Prerequisite for advanced courses such as Design-Drafting & CAD Technology II & III and the Tech Prep Computer Aided Design program. Credit: ½ Fee \$10.00
- C. Design - Drafting & CAD Technology II: This second-level course provides students with instruction, skills, and experience in machine/mechanical drafting standards. The course builds on the skills developed from Drafting & CAD Tech I using manual drafting techniques on the drawing board and computer applications using AutoCAD drafting/design software. Problem solving and individual projects will prepare students for the Tech Prep CAD/ college program in the junior and senior year. Open to sophomores, juniors, and seniors. Prerequisite: Design-Drafting & CAD Technology I, Credit 1/2; Fee \$10.00
- D. Design - Drafting & CAD Tech III (Architecture): The focus of this semester course is residential architectural design and construction. Instruction will include some drawing board applications; however, the major emphasis will be on developing skills with the AutoCAD software. The curriculum covers architectural design methods, standards, and construction methods beginning with small design projects that will lead up to the skills and knowledge to design and develop an individual home project and the making of a detailed scale model of the home design. Prerequisite: Successful completion of Drafting & CAD Tech I and/or Drafting & CAD Tech II, Credit: 1/2; Fee: \$15.00
- E. Electricity/Robotics: Using the basic principles of electricity of voltage, current, and resistance, students construct small electronics projects and learn the basics of industrial robotics. Students use Rascal Robix robot kits to construct and simulate robotic situations found in industry. This is reinforced by the opportunity to attend a national robotics competition using the robots to compete against other high school students across the nation. Open to sophomores, juniors, and seniors. Credit: 1; Fee: \$15.00
- F. Small Engines: This class will explore how a four stroke engine works. Time will be divided between classroom and lab time. Students complete projects on lawn mower maintenance and engine construction. This class is designed to introduce the four stroke engine which is the basis for the automotive technology program. Credit: ½; Fee: \$10.00
- G. Introduction to Welding: This class is an introduction to the world of welding. Time will be divided between different welding techniques and sheet metal work. Students will spend time in lab and classroom settings. They will be expected to complete lab activities with relation to welding techniques such as shielded metal arc welding, gas metal arc welding, oxyfuel welding and cutting. Emphasis is put on basic techniques used to weld in horizontal and vertical positions. Students will also learn the basics of sheet metal fabrication and layout. This class is designed to give students the knowledge to determine if they would like to pursue a career in the field of welding. Credit: ½; Fee: \$15.00
- H. Wood I Technology and Processes – In this course students not only learn about but also experience engineering as they design, build, and race their co-cars. This includes the “Design Process” and working with specifications and tolerances. Students safely learn to utilize a variety of hand and power tools operation, precision measuring techniques, abrasives, fasteners and various material joining systems for a take-home project while understanding craftsmanship. Credit 1/2 Fee: 20.00
- I. Wood II Technology and Processes – This course gives student in-depth study and experience in the processes used in woodworking and finish carpentry, safe working attitudes and habits used with hand and portable power tools operation, precision measuring techniques, abrasives, fasteners, various material joining systems and finishing techniques. Students gain additional experiences and skill with various woodworking power

equipment such as the joiner, planner, table saw, band saw, etc. Students will understand quality in a take-home project. Prerequisite: Wood I Technology and Processes. Credit 1/2 Fee: \$20.00

J. Wood III Manufacturing Technology and Processes - This course involves advanced skills while focusing on the design and fabrication of fine, hand-built projects with an emphasis on solid wood construction. Students will learn mass-production, entrepreneurship, efficiency and safety. Students will get an advanced overview of materials, processes, quality control, design and development of manufactured products. Prerequisite: Wood II Technology and Processes. Credit 1/2 Fee: \$30.00

K. Wood IV Manufacturing Technology and Processes – Students will master their skills of materials, processes, quality control, design and development of manufactured products. Students will design and fabricate a custom take-home project. Students will be introduced to computer numerical control (CNC) practices, equipment, setup and programming using the Carve Wright CNC machine. Prerequisite: Wood III Manufacturing Technology and Processes. Credit 1/2 Fee: \$30.00

## **IX Mathematics**

Three units of credit in mathematics are required. College bound students are urged to take three years of mathematics (Algebra I, Geometry, Algebra II, and an Advanced Math course when the previous three are completed). All students who have any inclination or intention of post high school training are strongly urged to take Algebra I. The following courses are offered in the mathematics department:

- A. Fundamentals of Math I: A more moderately paced version of Contemporary Math I. Credit 1
- B. Contemporary Math I: A course for freshmen who elect not to take Algebra I or Geometry. Elements of Algebra, Geometry, and Data Analysis will be studied. Credit 1
- C. Contemporary Math II: A continuation of Contemporary Math I. A completion and review of material needed to pass the OGT. Credit 1
- D. Contemporary Math III: A continuation of Contemporary Math II. The algebra, geometry, and data analysis needed for the work place is completed. Credit 1
- E. Algebra I: A beginning course in algebra which introduces the student to mathematical structure, solution of equations and inequalities, the real number system, data analysis, and problem solving. Credit 1

Algebra I Honors: This course is an accelerated and enriched course in algebra which introduces the student to mathematical structure, solution of equations and inequalities, the real number system, data analysis and problem solving. Credit 1

- F. Geometry: Geometry provides a mathematical experience in the 2 and 3 dimensional world through the study of postulates, theorems and constructions. Algebra topics are also studied. Prerequisite: Algebra I, Credit 1

Geometry Honors: This course is an accelerated and enriched course that provides a mathematical experience in the 2 and 3 dimensional world through the study of postulates, theorems and constructions. Algebra topics are also studied. Prerequisite: Algebra I (Teacher recommendation preferred for Geometry Honors) Credit 1

- G. Algebra II: A second course in algebra that reviews ideas and concepts of Algebra I. New topics include conic sections and introduction to the elementary functions. The student is expected to have a scientific calculator, and use it on a daily in-class and out-of-class basis. Prerequisite: Algebra I and Geometry (Grade C or better) or Contemporary Math III (Grade B or better). Credit 1 (Students with grades below a C in Geometry should take Contemporary Math III, then Algebra II.)

Algebra II Honors: This is an accelerated and enriched course in algebra that reviews ideas and concepts of Algebra I. New topics include sequences and series, conic sections, and introduction to the elementary functions. The student is expected to have a graphics calculator\*, and use it, on a daily in-class and out-of-class basis. Prerequisites: Algebra I and Geometry, Credit 1

\*The courses marked with an (\*) will have classroom demonstrations using the Texas Instruments TI-83/84 series of graphics calculators. Students are welcome to use other graphers. The student will have to accommodate for calculator differences. Students enrolled in courses which require graphers may rent TI-83's from the school. Information regarding rental will be given during the first 2 weeks of school.

- H. Advanced Mathematics A/B: This course includes an in-depth study of trigonometric functions. It reviews and introduces the elementary functions: linear, quadratic, polynomial, rational, exponential, and logarithmic. Additionally, there is some instruction of probability and elementary statistics. Students are expected to have a graphing calculator (can be rented) and use it on a daily in-and-out of class basis. Prerequisites: Algebra I, Geometry, and Algebra II (C or better, below a C in Algebra II should take Contemporary Math III); Credit 1

Advanced Mathematics A/B Honors: This pre-calculus course includes a study of trigonometry, elementary functions, probability and statistics. (Teacher recommendation preferred) – The student is expected to have a graphics calculator\*, and use it, on a daily in-class and out-of-class basis. Credit 1

- I. Calculus AP: The course follows the Advanced Placement syllabus for Calculus AB. Students are required to take the Advanced Placement Exam. Therefore, it is taught as a college-level course since a successful grade on the Advanced Placement Exam could result in college credit for the course. A review of trigonometry is included. The student is expected to have a graphics calculator\*, and use it, on a daily in-class and out-of-school basis. Prerequisite: Advanced Math Honors (Teacher recommendation preferred). Credit 1; Fee of \$78.00 includes Advanced Placement Exam
- J. Introduction to Computer Programming I (one semester): This course is designed for the beginner or first-time user of a computer programming language. Topics studied include expressions, assignments, functions, conditions, loops and arrays. Students may develop individual programs based upon their personal interests. Graphics, logic and gaming techniques are also introduced in this course. Prerequisite: Geometry (or teacher recommendation). Credit ½; Fee \$10.00

Introduction to Computer Programming II (one semester): Learn computer networking terminology and an overview of Internet technology. The course incorporates Internet and network principles into the use of computer programming using various web page editors and an introduction to HTML programming. Students may develop individual projects based upon their personal interests. Activities include using shared resources and Internet services (email, telnet, ftp and www). Prerequisite: Geometry (or teacher recommendation). Credit ½; Fee \$10.00

\*The courses marked with an (\*) will have classroom demonstrations using the Texas Instruments TI-83/84 series of graphics calculators. Students are welcome to use other graphers. The student will have to accommodate for calculator differences. Students enrolled in courses which require graphers may rent TI-83's from the school. Information regarding rental will be given during the first 2 weeks of school.

## **X Music (Performing Arts)**

### **A. Instrumental Music**

1. Band: Students in grades 9-12 are eligible to participate in the band course. Recommendation of the eighth grade band director and/or approval of the high school director is required. Credit 1  
The basic components of the program in which all registered students participate are:
- a. Marching Band: This group meets during the first 10 weeks of school. The marching band performs at football games, parades, and band festivals during the fall season. Members of the flag

and majorette squads who plan to play an instrument with the bands all year should sign up for band. Those students who participate only in the flag and majorette squads should sign up for the band auxiliary option. They will receive ¼ credit for their participation.

- b. Concert/Symphonic Bands: All students registered for the band course are placed in one of these groups according to individual auditions. These groups begin to rehearse when the marching band season is completed. Several concerts and contests are scheduled during the school year.
  - c. Optional Groups: May be created for student participation as opportunities arise. They may include, but are not limited to: Blue Streak Brass, Blue Streak Delegation, Sandusky Blue Notes, brass choirs, woodwind choirs, percussion ensembles, and various ensembles.
2. Orchestra: Students in grades 9-12 are eligible to participate in the orchestra course. Recommendation of the eighth grade orchestra director and/or approval of the high school director is required. Credit 1

All orchestra members must audition in the spring for placement in an orchestra for the following year. Woodwind, brass, and percussion instrument players audition for placement in the Symphony Orchestra only. String instrument players audition for placement in either the String Orchestra or the Symphony Orchestra. Several concerts and contests are scheduled during the year for each orchestra.

Woodwind, brass, and percussion instrument players must be signed up for band to participate in orchestra, unless given permission by the band director, principal, and orchestra director.

String instrument players in the Symphony Orchestra are offered the opportunity to audition for Strads, a select ensemble. Other ensembles may be created for student participation as opportunities arise.

(Possible \$40.00 fee required in instrument music for string instrument rental.)

## B. Vocal Music

1. A Cappella Choir: This choir is open to students in grades 10-12. Members of this group are selected by individual tryout. Recommended eligibility for tryout includes a year of vocal or instrumental instruction. Credit 1  
Members selected for the A Cappella Choir are invited to audition for the Keynotes, a select group of 28 voices in four-part harmony. In addition, all choir members are invited to audition for one of two English hand-bell choirs of 18 ringers each. Other optional groups for participation are: a men's and ladies vocal group of eight voices each in four-part harmony.
2. Prep Choir: A course for students designed for four-part singing. Excellent training is afforded those students seriously interested in auditioning for the A Cappella Choir. Credit 1

## XI Science

Three years of science which must include 1 unit of physical science and 1 unit of biological science are required for graduation.

- A. Fundamentals of Science I: a course designed for the non-college bound student without a strong background in math and science or for the student who has not yet experienced success in Science I. It will acquaint the students with atoms, stars, earth surface weather forces, oceans/climate, particles, energy/work, and sound/light. Credit 1
- B. Science I and Science I Honors: Integrated Science deals with the six topics of oceans/climate, particles, energy/work, and sound light. Credit 1
- C. College Prep Biology/Honors Biology: Biology and Honors Biology are courses designed for above average students interested in a course in science. These courses focus on cell structure and function, evolution, genetics, and interactions between living things and the environment. Credit 1; Fee \$15.00 Prerequisite for College Prep Biology: Integrated Science Prerequisite for Honors Biology: Integrated Science I Honors

A ninth grade student may elect to take Honors Biology if he/she meets the following criteria:

1. Student must demonstrate an "A" in the respective class of Integrated Science as their final average grade in eighth grade.
  2. Teacher Recommendation
  3. Student plans on taking AP Science courses in the future.
- D. General Biology: A biology course designed for non-college-bound students. It will acquaint students with the structures and functions of organisms and the interactions between living things and the environment. Credit 1; Fee \$15.00
- E. Advanced Biology: Advanced Biology is a college level course designed for juniors and seniors who plan on entering a science or medical related field. The course is divided into two major fields of study, Cellular Biology and Human Anatomy and Physiology. Advanced Biology is recommended for students who plan on taking AP Biology and it may be taken concurrently with AP Biology. Tech Prep and PSEO students may receive college credit through BGSU Firelands for BIOL 104 Introduction to Biology (4 credits) and AHTH 131 Basic Anatomy and Physiology for Allied Health (5 credits). Students interested in college credit must complete an application to BGSU when scheduling. Credit 1; Fee \$15.00 Prerequisite: College Prep Biology
- F. AP Biology: The course follows the Advanced Placement syllabus for Biology. Therefore, it is taught as a college-level course since a successful grade on the Advanced Placement exam could result in college credit for the course. Students are required to take the Advanced Placement Exam. Credit 1; Fee of \$78.00 includes the required Advanced Placement Exam. Prerequisite: Honors Biology or Teacher Recommendation
- G. Environmental Science: A third year of science for non-college-bound students or with a limited background in mathematics. The study of how humans interact with the environment, it includes a study of populations, climate, energy, and resources. Credit 1; Fee \$15.00 Prerequisites: Science I or Fundamentals of Science I and General Biology
- H. Chemistry: A course recommended for students with above average ability who plan to attend college. Good math skills are required. The course includes the study of the structure of the atom, energy of chemical reactions, the mole concept, conservation laws, oxidation-reduction reactions, molecular architecture, and carbon compounds. Credit 1; Fee \$15.00. Prerequisites: Algebra I and successful completion of or concurrent enrollment in Geometry
- I. Chemistry Honors: A course intended for students with above average ability who plan to pursue a science related career in college. Good math skills are required. The course includes the fundamental concepts of chemistry such as the structure of the atom, energy of chemical reactions, the mole concept, stoichiometry, equilibrium, acid base and redox reaction, electrochemistry and the carbon chemistry. Credit 1; Fee \$15.00 Prerequisite: Algebra I and successful completion of or concurrent enrollment in Geometry
- J. AP Chemistry: The course follows the Advanced Placement syllabus for chemistry. Therefore, it is taught as a college-level course, because a successful grade on the Advanced Placement Exam could result in college credit for the course. Students are required to take the Advanced Placement Exam. This is an alternate year course which is offered in the following school years: 09/10, 11/12, 13/14. Credit 1; Fee \$78.00, includes the required Advanced Placement Exam Prerequisite: Chemistry Honors, Algebra I, Geometry and successful completion of or concurrent enrollment in Algebra II
- K. Physics Honors: A course intended for students with above average ability who plan to pursue a science-related career in college. Good math skills are required. This course includes the study of Newtonian mechanics; electricity and magnetism; waves, sound, and optics; and modern physics Credit 1; Fee \$15.00 Prerequisites: Algebra I, Geometry and successful completion of or concurrent enrollment in Algebra II
- L. Conceptual Physics: A course which emphasizes the mastery of physics concepts through projects and activities. The course includes the study of Newtonian mechanics; electricity and magnetism; waves, sound, and optics; modern physics. Credit 1; Fee \$15.00 Prerequisites: Algebra I

- M. AP Physics B: The course follows the Advanced Placement syllabus for Physics B. It is taught as a college-level course because a successful grade on the Advanced Placement Exam could result in college credit for the course. Students are required to take the Advanced Placement Exam. This is an alternate-year course which is offered in the following school years: 10/11, 12/13, 14/15 etc. Topics include: Newtonian mechanics; electricity and magnetism; heat, kinetic theory, and thermodynamics; waves and optics; modern physics. Credit 1; Fee of \$78.00 includes the required Advance Placement Exam. Prerequisites: Algebra I, Algebra II, Geometry (Honor Physics recommended)

## **XII Social Studies**

Three credits in Social Studies are required for graduation.

- A. Social Studies I: World Studies from 1750 to the Present: Age of Revolutions through the 20<sup>th</sup> Century. Ninth grade students continue the chronological study of world history. 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. Social Studies I Honors is an accelerated and enriched study of World History. Credit 1
- B. Social Studies II (1919-Present Day): This course is required for all sophomores. It utilizes the time period of 1919 to the present day. Events in American History are studied within the realm of world events. This year provides learners with the opportunities to extend and clarify perspectives gained in previous years as they examine issues of the 20<sup>th</sup> century. Social Studies II Honors is an accelerated and enriched study of American History in the realm of world events. Credit 1
- C. Social Studies III: This course is required of all juniors. The eleventh grade course utilizes a choice of focus on American Government and Economics. Students will have the opportunity to survey the terms, principles, institutions and practices of the American political system as well as the production and distribution of goods and services under capitalism and various other economic systems. The types of questions the learner will address during the year are: How are political, social and economic choices made? Who makes these choices and what are the effects of these choices? What are the alternatives? Social Studies III Honors is an accelerated and enriched study of Government/Economics. Credit 1 Note: Students will receive a one-semester presentation in both American Government and Economics.
- D. AP United States History: The course follows a College Board approved syllabus based on College Board standards for Advanced Placement U.S. History. Therefore, it is taught as a college-level course since a successful grade on the Advance Placement Exam could result in college credit. Students are required to take the Advanced Placement Exam. Credit 1; Fee of \$78.00 includes the required Advanced Placement exam testing fee. Prerequisites: The completion of Social Studies I and II, a grade of "B" or higher in Social Studies II, and the recommendation of the Social Studies II teacher, and pass the Social Studies OGT.

In addition, the following elective courses are available:

- A. African-American Studies: A semester course designed to provide students the opportunity to study in-depth the past, examine the present, and explore the future role of the African American. This course is open to sophomores, juniors and seniors. Credit ½
- B. Sociology: A one-semester course designed to provide the student with the basic concepts of sociology. The course explores the following areas: principle world cultures and our society, the individual in society, social institutions, and social problems. This course is open to juniors and seniors. Credit ½

## **XIII Career and Technical Education**

Career and Technical Education courses have as their specific objectives the preparation of students to become capable employees in their chosen career. This career could be started right after high school, after a two-year

associate degree, or a four-year college degree program. The importance of these offerings lie in the career focus. Students will get an inside look into careers in an area of their interest.

Criteria to be considered in a student's selection for a particular program would be the degree of success in prerequisite courses, the results of screening tests, and the sincerity of the individual's desire to prepare for a career in the selected field. Prerequisite for senior status is successful completion of the junior program.

Students enrolled in Career and Technical courses are encouraged to participate in the student's professional organizations (i.e. Skills USA, BPA, FCCLA). **The respective state and national dues are included in the appropriate course fees.** This provides a way for students to grow in human relations and compete at various levels with other students.

Students who cannot meet the suggested recommendations for a career and technical area of interest should consult with their counselor for more information because prerequisites may be waived under very special circumstances.

## **Arts and Communication**

- A. Commercial Art - A two-year course designed to prepare students for entry-level or advanced study in the field of commercial art. Foundation knowledge will be presented in the following areas: drawing, lettering, layout, graphic design, illustration, cartooning, caricatures, computer graphics, package design and advertising design and theory. This course will survey the various allied commercial art fields, and scan the various commercial art processes.

### Junior Commercial Art

Periods required: 2  
Credit: 2  
Prerequisite: Art Fundamentals, Beginning Sculpture/Printmaking or Teacher Recommendation  
Fee: \$40.00

### Senior Commercial Art

Periods required: 2  
Credit: 2  
Fee: \$40.00

- B. Commercial Photography - A two-year course that is designed to prepare students to pursue a career and/or college degree in photography. Students build upon the fundamentals of photography; how the camera works, digital basics, as well as shot "point of view", lighting, and background, to move into "photography as art". Students will be taught to develop a critical eye and begin to grow in their use of the camera and production of prints and use of digital software. Image laying, use of text, and fundamental darkroom skills will be covered along with a variety of photo mediums such as sports photography, event photography, and portrait photography. Senior students will focus on development of a portfolio for career or college acceptance standards.

### Junior Commercial Photography

Periods: 2  
Credits: 2  
Fee: \$40.00

### Senior Commercial Photography

Periods: 2  
Credits: 2  
Fee: \$40.00

## **Business and Management**

- A. **Business Management Tech Prep** – This two-year partnership with BGSU Firelands College is designed to introduce students to college and prepare them for careers in the business world. Students may earn a minimum of 16 college credits during his/her high school junior and senior years. Students may earn an additional 12 credits at Fireland Campus, if they qualify. College credits that are earned through BGSU are applied toward an associate degree in business.

Students will master Microsoft Office 2007 software, learn computer hardware components and how software works with those components. Students will focus on business operations and develop authentic business plans for their own business idea.

### **Junior Business Management Tech Prep:**

Periods required:	2
Credits:	2
Prerequisites:	2.5 GPA (cumulative) 1 credit of Algebra with a “C” or better 2 credits of English with a “C” or better
Fee:	\$35.00

### **Senior Business Management Tech Prep:**

Periods required:	2
Credits:	2
Fee:	\$35.00

- B. **Financial Analysis and Computer Software** - A two-year career-tech program that provides students with specialized knowledge and competencies to enter the workforce or to continue their education after high school. Students will master skills in the following areas: accounting, automated accounting, communications, employability skills, problem solving, records management, telephone techniques, and all computer applications in Microsoft Office. School-to-work opportunities for qualifying seniors when available. Students will explore the business world through real-life activities and in-class projects. As members of Business Professionals of America, students will have the opportunity to attend professional development seminars, travel for competitions, and become a BPA class, regional, or state officer.

### **Junior Financial Analysis and Computer Software**

Periods required:	2
Credit:	2
Prerequisites:	Computer Foundations II and/or Business Foundations
Fee:	\$35.00

### **Senior Financial Analysis and Computer Software**

Periods required:	2
Credit:	2
Fee:	\$35.00

## **Education and Training**

**Early Childhood Education and Care** - A two-year program, which involves a laboratory and classroom experience in early childhood education and care. The laboratory will include the care and teaching of young children in our nursery school center. Lessons will include outdoor/indoor play, large and small muscle coordination play, learning centers, story telling, music, art, dramatic play, games, exploring nature and our world and extended trips. The classroom will involve units on child growth and development, nutrition, planning and management, child abuse and neglect, first aid, communicable diseases, and laws, regulations and policies that relate to the operation of a day care center. Seniors are required to participate in an out-of-school experience program to gain additional experience in working with infant, toddler, and school age children. Employment opportunities exist at entry level, assistant and management levels of childcare in public, private or parochial child-care settings.

#### Junior Early Childhood Education and Care

Periods required:	3
Credit:	3
Fee:	\$25.00
	\$10 required TB test (Health Dept.) (First year students)
	\$15 Criminal Record Check

#### Senior Early Childhood Education and Care

Periods required:	3
Credit:	3
Prerequisite:	Successful completion of Junior Early Childhood Education and Care
Fee:	\$25.00

Teacher Academy Tech Prep Option: Students in the Senior Program of Early Childhood Education may opt to participate in this educational opportunity to earn college credits through Bowling Green State University Firelands while still in high school. Students will receive credit for Intro to Education (EDHS 201, 2 credits) and Service Learning Field Experience (EDHS 100, 1 credit) if they meet the following requirements:

Apply by April 1, of the junior year  
2.5 cumulative GPA  
Successful completion of Junior Early Childhood Ed. program  
“C” or better in Algebra I  
“C” or better in 3 credits of English  
Recommendation of Early Childhood Education instructor

Students may also earn additional college credits in College English 111 and 112 and College Algebra (Math 115) or any Natural Science, Social Science or Humanities General Education course, provided they receive a qualifying score on the COMPASS placement exam and take the course on campus at BGSU Firelands.

### Health Services

Health Careers Tech Prep - A two-year partnership with BGSU Firelands designed to prepare students for college and careers in the health care field. Students will earn between 16 and 32 hours of college credit during the two years. These credits are dependent upon completion of the following: Introduction to Health Professions (1 credit), Orientation to Professions of Medicine and Medical Technology (1 credit), Medical Terminology (2 credits), Introduction to Biology (4 credits), Principles of Sociology (3 credits), and Basic Anatomy and Physiology for Allied Health (5 credits). These credits may be applied to an Associate or Bachelor of Science Degree in Allied Health at BGSU, or transferred to another college or university and applied toward a degree requirement in other medical fields. Other classroom units cover human growth and development, vital signs, job readiness skills, and infection control. The laboratory setting provides hands-on training in patient personal care, CPR and First Aid, Vital Signs, EKGs and patient feeding. Clinical observations during junior and senior year are onsite at several local health care facilities, and provide a glimpse of “real life” in this fast-paced field. Nurse Assistant training is included during senior year, and those students who successfully meet the requirements are eligible for State Testing Certification. Graduates of this program have gone on to major in pre-med, nursing, forensic science, dental hygiene, chiropractics, mortuary science, hospital administration, respiratory therapy, medical office management and many other fields. Senior Health Occupations students should concurrently enroll in Advanced Biology in order to earn BGSU credits in Intro to Biology and Anatomy and Physiology as listed above.

#### Junior Health Careers Tech Prep

Periods:	3
Credits:	3
Prerequisite:	2.5 GPA (cumulative)

1 credit of algebra with a C or better  
2 credits of English with a C or better  
1 credit of college prep or honors biology with a C or better  
Fee: \$50.00 includes purchase of required uniform

Senior Health Careers Tech Prep

Periods: 3 + 1 (Advanced Biology)  
Credits: 3 + 1  
Fee: \$100.00 includes purchase of required uniform if needed and STNA Certification test (\$96.00 test fee included)

**Hospitality and Tourism**

Lodging Management Program – A two-year program designed to prepare and train students for entry-level to management positions in the lodging industry, which includes the fields of Culinary Arts, Sales and Marketing, Human Resources, and Facility Maintenance. The junior year includes the actual operation of an in-school restaurant where students are able to experience many aspects of a “mini-lodging” situation while being trained in planning, preparing and serving food on a quantity basis, use and care of institutional equipment, safety and sanitation, employability, customer service and teamwork skills.

Senior LMP students will begin to branch out in their favorite areas as they participate in practical internships with lodging industry professionals and move into School-to-Work employment positions within their field of expertise. Students will receive hands-on training in such positions as desk clerk, chef, assistant manager, concierge, property maintenance assistant, and marketing assistant.

Junior Lodging Management

Periods required: 3  
Credits: 3  
Fee: \$50.00  
purchase of required uniform

Senior Lodging Management

Periods required: 3  
Credits: 3  
Fee: \$50.00

**Human Resources/Services**

- A. Introduction to Cosmetology - Students who are interested in studying for a cosmetology license or would just like to learn more about hair care and beauty enjoy this one-credit elective course designed for 10<sup>th</sup> graders. Students will learn to be more poised and well-groomed while studying about hair, nail, and skin care, make-up artistry, and hair styling. An introduction to anatomy, workplace ethics, and employability will also be covered, as well as nutrition and cosmetology career paths. This course is part of the three-year cosmetology program.
- B. Cosmetology - A three-year program that provides clinical training and related instruction to meet licensing requirements of the State Board of Cosmetology.

This course covers the basic requirements for licensing which includes bacteriology, sanitation, facials, manicures, anatomy, sterilization, shampooing, styling, coloring, perming, relaxing, cutting, scalp care and the operation of a styling salon. Upon completion of the three-year program, the student will take the State Board of Cosmetology Examination to obtain licensure.

The 12th grade cosmetology student will receive further experience in essential basic skills with a major part of the year devoted to practicing on live models or clientele. It is important that the student have a complete

knowledge of the sciences and basic skills at the completion of the course so that they pass the Ohio State Board Examination and be licensed as a cosmetologist.

Junior Cosmetology

Periods required: 3  
Credit: 3  
Prerequisite: Successful completion of the Introduction to Cosmetology course.  
Fees: \$60.00  
Students must purchase textbook, workbooks, and uniforms suitable for use in class.

Senior Cosmetology

Periods required: 3  
Credit: 3  
Prerequisite: Successful completion of the Junior Cosmetology course  
Fees: \$60.00; Students must purchase textbook, workbooks, and uniforms suitable for use in class if needed. Students will also take the Ohio State Board of Cosmetology License Exam.

Note: Cosmetology students are required to enroll in and pass a minimum of four academic courses required for graduation during this three-year program.

**Industrial & Engineering Systems**

- A. Auto Technology - A two-year program preparing students to enter automotive and other mechanical fields. Students will receive instruction in the theory and operation of the automobile chassis, the engine, power train, running gear, and electrical system. They receive practical experience in the maintenance of automotive components. Successful completion of Small Engines would be desirable.

Junior Auto Technology

Periods required: 3  
Credits: 3  
Fee: \$30.00  
Equipment: Students are required to wear safety glasses in shop. These may be purchased from the school or a local merchant (approx. cost \$6.00). Students must wear shoes whose soles are not affected by oil and grease and may be requested to purchase work clothing or shoes suitable for use in the shop.

Senior Auto Technology

Periods Required: 3  
Credits: 3  
Fee: \$30.00  
Equipment: Same as for junior year

- B. Broadcasting and Electronic Engineering Technology (B.E.E. Tech) – a two-year program that introduces students to a variety of career options within the telecommunications field. Students learn to regulate sound and picture for broadcasting, edit broadcast audio and video programs, select equipment for use in taping or live broadcasts, and work with computer hardware and networking systems. Students learn to solve electro-mechanical systems problems as they relate to manufacturing and service industries. Advertising and media product sales processes in the telecommunications field including electronic surveillance and wireless communication systems are also covered. Hands-on training in a modern lab and classroom environment, as well as field experiences are included to prepare students for entry-level positions or further study toward an Associate or Bachelor degree. Career possibilities include broadcast technicians, line installers, marketing and sales, and information technology specialists.

Junior B.E.E. Tech

Periods required 2  
Credits: 2  
Prerequisites: Algebra I, Geometry, and College Prep English I/II.  
Recommended: Computer Foundations I and II, Electricity/Robotics  
Fee: \$35.00

Senior B.E.E. Tech

Periods required 2  
Credits: 2  
Fee: \$35.00

- C. Building and Property Management - A two-year program preparing students for a career as a building or property engineer. Potential careers include maintenance and management positions with schools, resorts, lodging, health care facilities, and much more. Course content includes the following: plumbing, electrical, carpentry, HVAC, pool maintenance, housekeeping, and grounds keeping. A portion of class time will be work-based learning experiences, consisting of classroom instruction or actual job site experience. Students will have required projects to design and construct during lab time. Successful completion of Wood I and/or Design-Drafting & CAD Technology recommended.

Junior Building Management

Periods required: 3  
Credit: 3  
Fee: \$30.00 Students will be required to have or purchase their own tool kit – per list provided by instructor.

Senior Building Management

Periods required: 3  
Credit: 3  
Fee: \$30.00

- D. Computer Aided Design Tech Prep (CAD): A two-year program designed to prepare students for college and/or a career in the mechanical and architectural design and engineering fields. The course covers a variety of subjects and methods in CAD software, engineering & design standards and architecture & construction standards and methods. Students will earn college credits towards an Associate Degree in Mechanical Engineering and/or Architecture & Construction Management. Lab work is based on realistic engineering & architectural design projects.

Junior Computer Aided Design Tech Prep

Periods required: 2  
Credit: 2  
Prerequisites: 2.5 GPA (cumulative)  
1 credit of Algebra with a “C” or better  
2 credits of English with a “C” or better  
Drafting & CAD Technology I  
Fee: \$35.00

Senior Computer Aided Design Tech Prep

Periods required: 2  
Credit: 2  
Fee: \$35.00

- E. Career Based Intervention (CBI) - A program for students sixteen years of age or over. The student must acquire and maintain a job involving at least two periods per day while enrolled in the Career Based Intervention program. Two periods daily will be spent in the classroom with the coordinator who will present a program related to their work experience and successful daily living.

Open to: Sophomores, Juniors, and Seniors who are 16 years of age with the recommendation of their counselor.  
 Fee: \$5.00

- F. **Welding** - A two-year program designed to prepare student welders for entry-level positions in industry, construction, transportation, or maintenance. Students receive basic instruction and practical experience in shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, oxyfuel cutting welding, brazing, and plasma cutting in all positions. Students are prepared for industry certification testing during the senior year.

Junior Welding  
 Periods required: 3  
 Credit: 3  
 Fee: \$30.00

Senior Welding  
 Periods required: 3  
 Credit: 3  
 Fee: \$30.00

#### **XIV Additional Electives**

- A. **FRAM** - The FRAM will be produced by a yearbook class. This course is available to sophomores, juniors, and seniors. Students will be responsible for meeting deadlines, selling ads, writing copy, making buyouts, and developing the theme for the yearbook. Students must select an alternate class during pre-registration since FRAM is a limited enrollment course. A recommendation is required from the FRAM instructor in order to be accepted in the class. Credit 1
- B. **TEEN LEADERSHIP CORPS** – This is an elective course in service and leadership. Students will design, budget, plan and implement community service and outreach programs. Interested students are required to submit a separate application available in guidance, attend an interview session with the instructor and submit two letters of recommendation. Open to juniors and seniors with a 2.0 GPA. Credit 1

#### **ELECTIVE SUBJECTS**

<u>Advanced Placement</u>	<u>Grades</u>			<u>Credits</u>	<u>Fees</u>
AP English Literature and Composition			12	1	78.00
AP United States History		11	12	1	78.00
AP Calculus AB			12	1	78.00
AP Biology	10	11	12	1	78.00
AP Chemistry (09/10, 11/12, 13/14)		11	12	1	78.00
AP Physics B (10/11, 12/13, 14/15)		11	12	1	78.00
<u>Arts &amp; Crafts</u>					
Advanced Art Metals	10	11	12	1/2	5.00
Advanced Ceramics	10	11	12	1/2	5.00
Advanced Drawing	10	11	12	1/2	5.00
Advanced Painting	10	11	12	1/2	5.00
Advanced Sculpture	10	11	12	1/2	5.00
Art Fundamentals	9	10	11 12	1/2	5.00
Art History and Appreciation	9	10	11 12	1/2	5.00
Art Metals II		10	11 12	1/2	5.00
Beginning Sculpture/Printmaking	9	10	11 12	1/2	5.00
Ceramics II		10	11 12	1/2	5.00
Design and Architecture		10	11 12	1/2	5.00
Drawing and Painting II		10	11 12	1/2	5.00
Intro to Art Metals and Fibers	9	10	11 12	1/2	5.00

Intro to Ceramics	9	10	11	12	1/2	5.00
Fiber Arts II		10	11	12	1/2	5.00
Fiber Arts III		10	11	12	1/2	5.00
Photography I		10	11	12	1/2	10.00
Photography II		10	11	12	1/2	20.00
Sculpture and Printmaking II		10	11	12	1/2	5.00
Senior Art Studio – 2D				12	1/2	5.00
Senior Craft Studio – 3D				12	1/2	5.00
<u>Business Education</u>						
Business Foundations	9	10			1/2	5.00
Computer Foundations I	9	10			1/2	5.00
Computer Foundations II	9	10			1/2	5.00
Computer Foundations III	9	10	11	12	1/2	5.00
Personal Money Management	9	10			1/2	5.00
Web Page Design Foundations		10	11	12	1/2	5.00
<u>Family and Consumer Sciences</u>						
Freshman Connections	9				1/2	20.00
Creative Cooking			11	12	1/2	25.00
Focus on Children	9	10	11	12	1/2	10.00
Friends and Food around the World		10	11	12	1/2	25.00
Creative Sewing	9	10	11	12	1/2	20.00
Single Survival			11	12	1/2	15.00
<u>Foreign Language</u>						
French I	9	10	11	12	1	
French II		10	11	12	1	
French III			11	12	1	
French IV				12	1	
German I	9				1	10.00
German II		10	11	12	1	
German III			11	12	1	
German IV				12	1	
Latin I	9	10	11	12	1	10.00
Latin II		10	11	12	1	10.00
Latin III			11	12	1	10.00
Latin IV				12	1	10.00
Spanish I	9	10	11	12	1	10.00
Spanish II		10	11	12	1	10.00
Spanish III			11	12	1	10.00
Spanish IV				12	1	10.00
<u>Individualized Education Plan Program</u>						
Basic English I	9				1	
Basic English II		10			1	
Basic English III			11		1	
Basic English IV				12	1	
Basic Health		10			1/2	
Basic Math I	9				1	
Basic Math II		10			1	
Basic Math III			11		1	
Basic Science 9	9				1	
Basic Science 10		10			1	
Basic Science 11			11		1	
Basic Social Studies 9	9				1	
Basic Social Studies 10		10			1	
Basic Social Studies 11			11		1	
Basic Social Studies 12				12	1	
Basic Work Study III			11		3	
Basic Work Study IV				12	4	
<u>Industrial Technology Education (Preference 9<sup>th</sup> and 10<sup>th</sup> Grade)</u>						
Technology Exploration	9	10			1/2	10.00
Design-Drafting & CAD Tech I	9	10			1/2	10.00
Design-Drafting & CAD Tech II	9	10	11	12	1/2	10.00
Design-Drafting & CAD Tech III		10	11	12	1/2	15.00
Electricity/Robotics		10	11	12	1	15.00
Small Engines	9	10			1/2	10.00
Introduction to Welding	9	10			1/2	15.00
Wood I Technology and Processes	9	10			1/2	20.00
Wood II Technology and Processes	9	10	11	12	1/2	20.00

Wood III Manufacturing Technology and Processes	10	11	12	1	30.00
Wood IV Manufacturing Technology and Processes	10	11	12	1	30.00
<b><u>Mathematics</u></b>					
Introduction to Programming I		11	12	1/2	10.00
Introduction to Programming II		11	12	1/2	10.00
Advanced Mathematics		11	12	1/2	
Advanced Mathematics Honors		11	12	1	
Algebra II	10	11	12	1	
Algebra II Honors	10	11	12	1	
<b><u>Music</u></b>					
Band	9	10	11	12	1
Choir		10	11	12	1
Orchestra	9	10	11	12	1
Prep Choir	9	10	11	12	1
Flag/Majorette	9	10	11	12	1/4
<b><u>Physical Education</u></b>					
PE I	9				1/4
PE II		10			1/4
Weight Training			11	12	1/2
Health		10			1/2
<b><u>Science</u></b>					
Advanced Biology			12	1	15.00
Biology	10	11	12	1	15.00
Chemistry	10	11	12	1	15.00
Environmental Science		11	12	1	15.00
Physics		11	12	1	15.00
<b><u>Social Studies</u></b>					
African-American Studies	10	11	12	1/2	
Sociology		11	12	1/2	
<b><u>Career and Technical Education</u></b>					
<b><u>Arts &amp; Communications</u></b>					
Commercial Art Jr.		11		2	40.00
Commercial Art Sr.			12	2	40.00
Commercial Photography Jr.		11		2	40.00
Commercial Photography Sr.			12	2	40.00
<b><u>Business Management</u></b>					
Business Management Tech Prep Jr.		11		2	35.00
Business Management Tech Prep Sr.			12	2	35.00
Financial Analysis & Comp Software Jr.		11		2	35.00
Financial Analysis & Comp Software Sr.			12	2	35.00
<b><u>Education and Training</u></b>					
Early Childhood Education and Care Jr.		11		3	25.00
Early Childhood Education and Care Sr.			12	3	25.00
Teacher Academy Tech Prep			12	1	
<b><u>Health Services</u></b>					
Health Careers Tech Prep Jr.		11		3	50.00
Health Careers Tech Prep Sr.			12	3	100.00
<b><u>Hospitality and Tourism</u></b>					
Lodging Management Jr.		11		3	50.00
Lodging Management Sr.			12	3	50.00
<b><u>Human Resource Services</u></b>					
Introduction to Cosmetology	10			1	
Cosmetology Jr.		11		3	60.00
Cosmetology Sr.			12	3	60.00
<b><u>Industrial Engineering Systems</u></b>					
Auto Technology Jr.		11		3	30.00
Auto Technology Sr.			12	3	30.00
Broadcasting Electronic Engineering Tech Jr.		11		2	35.00
Broadcasting Electronic Engineering Tech Sr.			12	2	35.00

Building Management Jr.		11		3	30.00
Building Management Sr.			12	3	30.00
Career Based Intervention	10	11	12	4	5.00
Comp Aided Design Tech Prep (CAD) Jr.		11		2	35.00
Comp Aided Design Tech Prep (CAD) Sr.			12	2	35.00
Welding Jr.		11		3	30.00
Welding Sr.			12	3	30.00
<u>Additional Electives</u>					
FRAM	10	11	12	1	
Teen Leadership Corps		11	12	1	

**FOUR YEAR PLAN  
FOR SANDUSKY HIGH STUDENTS**

<u>FRESHMAN</u>	<u>Credits</u>	<u>SOPHOMORE</u>	<u>Credits</u>
English I (required)	1	English II (required)	1
Math (required)	1	Math (required)	1
PE (required)	1/4	PE/Health (required)	3/4
Science (required)	1	Biology (required)	1
Social Studies I (required)	1	Social Studies II (required)	1
Elective:		Elective:	
Elective:		Elective:	

<u>JUNIOR</u>	<u>Credits</u>	<u>SENIOR</u>	<u>Credits</u>
English III (required)	1	English IV (required)	1
Math (required)	1	Elective:	
Social Studies III (required)	1	Elective:	
Science (required)	1	Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:			

**Accumulative Credits:**

Freshman            + Sophomore            + Junior            + Senior            = Total

**POST SECONDARY ENROLLMENT**

House Bill 215 and Senate Bill 140 have provided a post secondary option for high school students. The guidelines are as follows:

- A. Ninth, tenth, eleventh and twelfth grade students may enroll full or part-time at colleges or universities.
- B. College courses may be taken for high school credit or for college credit. If courses are taken for high school credit and college credit, a proportionate share of the district's financial aid is transferred to the college or university. If courses are taken for college credit only, the student and his family must pay the college's tuition and fees.
- C. All courses taken for high school credit must be pre-approved with the high school counselor. This approval must be completed prior to enrolling in the college course. All interested students and parents will receive counseling that addresses the possible risks and consequence of participating in the program.

The above information is a notification to students and parents of the program and the options available. Students must indicate to school officials their intent to participate by March 30th each year. Failing to do so will make them ineligible to participate without the permission of the district superintendent.

Handouts about this program may be obtained from the high school counselors.

# College Bound Athletes

## NCAA Academic-Eligibility Requirements

### Division I 2006 and Later

If you enroll in a Division I college in 2008 or later and want to participate in athletics or receive an athletic scholarship during your first year, you must:

- Graduate from high school;
- Complete these **16** core courses:
  - 4 years of English
  - 3 years of math (algebra 1 or higher)
  - 2 years of natural or physical science (including one year of lab science if offered by your high school)
  - 1 extra year of English, math or natural or physical science
  - 2 years of social science
  - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a minimum required grade-point average in your core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale next page (for example, a 2,400 core-course grade-point average needs a 860 SAT).

*Note: Computer science courses can be used as core courses only if your high school grants graduation credit in math or natural or physical science for them, and if the courses appear on your high school's core-course list as a math or science course.*

**You will be a qualifier** if you meet the academic requirements listed above. As a qualifier, you:

- Can practice or compete for your college or university during your first year of college;
- Can receive an athletic scholarship during your first year of college; and
- Can play four seasons in your sport as long as you maintain your eligibility from year to year.

**You will be a nonqualifier** if you do not meet the academic requirements listed above. As a nonqualifier, you:

- Cannot practice or compete for your college or university during your first year of college;
- Cannot receive an athletic scholarship during your first year of college, although you may receive need-based financial aid; and
- Can play only three seasons in your sport as long as you maintain your eligibility from year to year (to earn a fourth season you must complete at least 80 percent of your degree before beginning your fifth year of college).

### OTHER IMPORTANT INFORMATION

In Division II, there is no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.

- The SAT combined score is based on the verbal and math sections only. The new writing section will not be used.
- SAT and ACT scores must be reported directly to the clearinghouse from the testing agency. Scores on transcripts will not be used.

For more information regarding the rules, please go to [www.ncaa.org](http://www.ncaa.org). Click on "Academics and Athletes" then "Eligibility and Recruiting." You may also visit the clearinghouse Web site at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

*If you have questions about NCAA eligibility, please call the NCAA initial-eligibility clearinghouse toll-free at 877-262-1492. You may also call the NCAA at 317-917-6222.*

**NOTIFICATION OF POLICIES  
OF NON-DISCRIMINATION**

The Sandusky City School District hereby gives notice that it does not discriminate on the basis of race, color, national origin, sex and disability in the educational programs and activities operated by the district.

\* \* \*

It is the policy of the Sandusky School District that educational programs and activities are provided without regard to race, color, national origin, sex and disability.

\* \* \*

No student shall be denied admission to the Sandusky School District or to a particular course or instructional program or otherwise discriminated against for reasons of race, color, national origin, sex and disability or any other basis of unlawful discrimination.

\* \* \*

To carry out these policy statements, persons and offices as identified herein shall be responsible for compliance within designated areas:

**Mr. Thomas Tucker  
Board of Education Offices  
407 Decatur Street  
Sandusky, Ohio 44870  
---621-2713---**

1. **TITLE IX COORDINATOR**  
(non-discrimination on the basis of sex)
2. **TITLE VI COORDINATOR**  
(non-discrimination on the basis of race, color or national origin)
3. **SECTION 504 COORDINATOR**  
(non-discrimination on the basis of disability)

*Questions or requests for information should be directed to Mr. Tucker at the above office and number.*