

Program of Studies & Scheduling Handbook

Course Offerings & Descriptions

Requirements, Fees & Information: 2009 - 2010



- Recommended Course Plans for all 4 years
- Program Options & Descriptions
- Requirements for Diploma, Diploma with Honors
- Athletic Eligibility Explanations, Schedule of Fees
- Course Listings and Descriptions

Mission Statement

Defiance High School

Our mission is to identify and meet the needs of the whole child, strengthen school-community partnerships, and facilitate the continual learning process.

Our Vision

Defiance High School personnel will expand the involvement of parents, businesses, and community members to improve our school, will work to increase proficiency test scores and graduation rates, and will provide students with additional opportunities for education.

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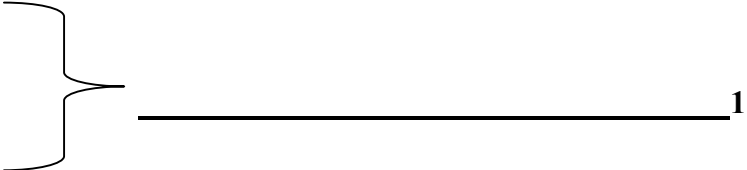
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Requirements for the Standard Diploma from Defiance High School

The Board of Education has established guidelines for the requirements that must be fulfilled before a standard diploma may be awarded. These requirements stipulate how credits may be divided among different areas of study. Additional requirements are established by the State of Ohio. Consult the table below.

Subject Area	Credits Required
BUSINESS or FINE ARTS or FOREIGN LANGUAGE or TECHNOLOGY	
COMPUTER	Strongly Recommended
ECONOMICS/FINANCE	1/2
ELECTIVES	5 1/2
ENGLISH	4
HEALTH	1/2
MATH	3
PHYSICAL EDUCATION	1/2
SCIENCE (Min. of 1 Life , 1 Physical Science)	3
SOCIAL STUDIES (Min. of 1/2 Gov., 1 US)	3
SPEECH	Strongly Recommended

TOTAL CREDITS NEEDED TO GRADUATE 21

OHIO REQUIREMENTS: All graduates must achieve passing scores on all 5 sections of the Ohio Graduation Test.

SCHEDULING INFORMATION

Students attending Defiance High School **MUST** schedule a minimum of 6 periods per day.

At the start of each semester the Guidance Office will allow **one week to make all schedule changes**. Any changes after the initial 5 days will be issued a Withdraw Failure from the course.

Comparison of Diplomas with Honors Criteria

Students need to fulfill all but one criteria for any of the following Diplomas with honors

Subject	High School Academic Diploma With Honors Graduating Classes 2010 and Before	High School Academic Diploma with Honors Graduating Classes 2011 and Beyond	Career-Technical Diploma with Honors For Graduating Classes 2010 and Before	Career-Technical Diploma with Honors For Graduating Classes 2011 and Beyond
English	4 units	4 units	4 units, which may include one unit of applied communication	4 units
Mathematics	3 units, including Algebra I, Geometry, Algebra II or a three-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	3 units, including Algebra and Geometry, or a sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	3 units, which develop the concepts for physical, life and earth and space sciences	4 units, including Physics and Chemistry	3 units, which develop the concepts for physical, life and earth and space sciences	4 units, including Physics and Chemistry
Social Studies	3 units	4 units	3 units	4 units
Foreign Language	3 units, including at least 2 units in each language studied	3 units, including at least 2 units in each language studied	2 units or 2 units of business/technology or one unit each	Not counted towards requirements
Fine Arts	1 unit	1 unit	May be counted toward requirements under electives	Not counted towards requirements
Career-Technical	Not counted towards requirements, and may not be used to meet requirements	Not counted towards requirements, and may not be used to meet requirements	3 units in the vocational or technical education curriculum	Now counted in Electives
Electives	Either 1 unit of business/technology and 2 units of above or 3 units of the above subject, not including career-technical	Not counted toward requirements	2 units of above categories, including fine arts	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit
Grade Point Average	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)*	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT	27 ACT / 1210 SAT
Additional Assessment	Not applicable	Not applicable	Complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio vocational competency assessment or the equivalent	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

ADMISSION REQUIREMENTS FOR OHIO'S COLLEGES

FOUR YEAR STATE UNIVERSITIES

The following academic preparation is recommended for college by the Ohio Board of Regents and required by some state universities such as Ohio State, Ohio University, Kent State and others. Private colleges may have different requirements. Check with your counselor.

- * 4 years of English with emphasis on Writing
- * 3 years of Math (Alg. I, Geometry, Alg. II), one being taken during the senior year
- * 3 years of Social Studies (World Hist., U.S. Hist., Govt., 1/2 elective)
- * 3 years of Science (most want 2-3 yrs. of a lab science)
- * 2 years of the same foreign language
- * 1 year of Performing Arts

ACT Test taken at least twice during junior year.

Students planning for careers in Engineering, Medicine and Architecture should take 4-5 years of Math (Alg. I, Geometry, Alg. II, PreCalculus, Calculus).

TWO YEAR TECHNICAL COLLEGES

The following academic preparation is recommended for students who plan to attend 2-year technical colleges.

- * 4 years of English
- * 3 years of Math (should include 1 yr. of Algebra)
- * 3 years of Science (Biology, Physiology or Chemistry may be required for students going into Health programs)
- * 3 years of Social Studies

Special subjects such as Accounting, Drafting, Computer Programming, or Typing, may be desired depending on the program being pursued by the student.

Take the ACT Test at least twice during junior year.

Interested students and their parents can use the DHS Guidance Website to reach the Internet homepage of any college or technical school in Ohio. Each college website should have an admissions section explaining all the specific details of the admissions process for that school.

Defiance High School Eligibility Requirements

In keeping with the Board Policy that participation in athletics is a privilege, and not a right, the Student Athletic Handbook for DHS requires the following for participation in interscholastic sports:

During each quarterly grading period, the student athlete must earn a passing grade in at least 5 courses of at least 1/2 credit value, and meet at least one (1) of the following three (3) criteria:

1. Earn a grade point average of at least 1.5 on a four-point scale for the current quarter.
2. Earn a grade point average of at least 1.3 on a four-point scale for the previous quarter.
3. Hold a cumulative (overall) grade point average of at least 1.5 on a four-point scale.

The Student Athletic handbook prescribes other conditions (e.g. - disciplinary actions) under which an athlete may become ineligible for participation. Students and parents are urged to study the academic and behavioral requirements for DHS athletes carefully. For further information consult the athletic director or OHSAA website: www.ohsaa.org. DHS website: <http://www.defiancecityschools.org/HighSchool/index.html>

NCAA Academic Eligibility Requirements

Division I

2008 and Later

If you enroll in a Division I college on or after August 1, 2008, and you 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
 - 2 years of natural or physical science (including one year of lab science offered by your high school)
 - 1 extra year of English, Math or Natural or Physical Science
 - 2 years of Social Studies
 - 4 years of extra core courses (from any category above, or foreign language, nondoctoral religion or philosophy)
- Earn a minimum required grade-point average in your core courses
- Earn a combined SAT or ACT sum score that matches your core – course grade-point average and test score sliding scale. See your guidance counselor for more details.

One Core Course after High School Graduation

Beginning in 2007 and thereafter, if you graduate from high school on schedule (eight semesters) with your incoming ninth grade class, you may use **one** core course completed in the year after graduation (summer or academic year).

You may compete the core course at a location other than the high school from which you graduated and may initially enroll full time at a collegiate institution at any time after completion of the core 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 athletics scholarship during your first year of college
- Can play four seasons in your sport if you maintain your eligibility from year to year.

You will be a non-qualifier if you did not meet the academic requirements listed above. As a non-qualifier, you:

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

PROGRAM OPTIONS AT DHS

Career Based Intervention

Career Based Intervention (CBI) is a program for students who may be having difficulty academically and who are behind in credits. These students must show a strong work effort. Students must have a job and may earn elective credit for their job. Jobs are usually in the private sector and usually pay minimum wage. Students are responsible for finding and maintaining their job. Students will earn wages and credits at the same time. A full-load schedule (equivalent to a 7-period day) is required.

Requirements

- Gain and maintain employment throughout the school year.
- Provide his/her own transportation.
- Maintain good attendance and discipline.
- Satisfactorily complete academic requirements.

Classes that are available in the CBI program are Pre-Algebra, US History and Related. Students must take Related in addition to other classes needed to meet graduation requirements. Students may have the option of an adjusted day.

Post-Secondary Options

The Post Secondary Options Program is open to 9th - 12th grade students -providing them with an opportunity to take classes at eligible post secondary institutions. Eligible students, determined by cumulative GPA requirements established by the college, may earn high school credit and college credit for the same courses. Students and parents will be notified by mail if the student is academically eligible and will be required to attend a meeting in February. If interested, students and parents must complete paperwork by March 31st in order to participate the following academic year.

Students must schedule a minimum of 4 periods between DHS and college.

Marketing Education/DECA Program see pages 16 and 17

Teaching Professionals Program

The Teaching Professionals Program is a one/half day program of Seniors only. Academic classes are taken at the high school in the morning and the afternoon is spent in an educational setting at Defiance College with course instruction related to child development, learning theory, teaching techniques, and classroom management. Students are also placed in an area school, gaining early teaching experience in elementary, middle school, high school and special education classes under the supervision of the regular classroom teacher. Students will earn three (3) elective hours for the teaching experience and have the opportunity of earning college credit. Students must schedule a minimum of 4 periods at DHS.

Recommended Program Requirements Include:

1. 2.7 cumulative GPA
2. No credit deficiencies (college academic core recommended)
3. Two letters of recommendation (one from a teacher)
4. Successful completion of Algebra I
5. OGT – Ohio Graduation Test requirements met
6. Good attendance record

Entrance interview is required. Students MUST have own reliable transportation.

COURSE DESCRIPTIONS

ART

All Art courses beyond Intro to Art **REQUIRE INTRO TO ART** as a prerequisite. Do NOT schedule any art classes if you have not yet **TAKEN** and **PASSED** Intro to Art!

INTRODUCTION TO ART - 100 **Credit 1/2** **Prereq: None**

This foundation course is a prerequisite for ALL other art classes. It is based on the study of the Elements and Principles of Design, which impact every area of art study. Emphasis in this course is placed on drawing, including a variety of media and techniques. Students will also be exposed to art history through the study of various artists, styles, and art movements. **Fee: \$30.00**

CERAMICS I - 106 **Credit 1/2** **Prereq: Intro to Art**

Introduces students to ceramics as an art form. The students will work with clay to create decorative & functional objects. They will learn clay hand building techniques and be introduced to the potter's wheel. **Fee: \$35.00**

CERAMICS II - 708 **Credit 1/2** **Prereq: Intro to Art & B in Ceramics I**

An intermediate ceramics course for students wishing to develop their skills in a variety of areas: on the potter's wheel, and with decorative, sculptural, and functional hand built ceramics. Instructor approval is required for this course. **Fee: \$35.00**

CONCENTRATED ADVANCED ART I - 102 **Credit 1/2** **Prereq: Intro to Art, All related art classes in area of concentration & Instructor Approval**

Students in this class choose a concentrated area of study: drawing, painting, ceramics, or photography. Area of concentration requires that students should have taken all available classes in that concentration prior to taking Advanced Art. The class is designed for students with a serious interest in art and/or those pursuing art in college. **Fee: \$30.00 - \$80.00** (Drawing - \$30; Ceramics - \$35; Painting - \$40; Photo - \$80)

CONCENTRATED ADVANCED ART II - 109 **Credit 1/2** **Prereq: Intro to Art, All related art classes in area of concentration & B in Concentrated Art I**

Students in this class choose a concentrated area of study: drawing, painting, ceramics, or photography. Area of concentration requires that students should have taken all available classes in that concentration prior to taking Advanced Art. This class is designed for students with a serious interest in art and/or those pursuing art in college. **Fee: \$30.00 - \$80.00**

DRAWING I - 104 **Credit 1/2** **Prereq: Intro to Art**

Introductory class that involves development of many basic drawing skills and techniques. Emphasis will be placed on observational drawing to increase students' ability to render realistic three-dimensional forms. Many different subjects will be explored. Media may include graphite, ebony pencil, conte, chalk & ink. **Fee: \$30.00**

DRAWING II - 107 **Credit 1/2** **Prereq: Intro to Art & B in Drawing I**

Expands on techniques used in Drawing I but includes a broader range of media, including pencil, conte, dry pastels, oil pastels, colored pencils, etc. Students will explore more subject matter, and historical and cultural artists and art movements through drawing. Approval of instructor is required for this course. **Fee: \$30.00**

GRAPHIC DESIGN - 105 **Credit 1/2** **Prereq: Intro to Art**

Explore this area of commercial art. Learn techniques for computer aided layout, illustration, lettering, and two-dimensional design. **Fee: \$20.00**

PAINTING I - 103 **Credit 1/2** **Prereq: Intro to Art**

This is an introductory painting course in which students will learn basic techniques in tempera, acrylic, and watercolors. Students will also be introduced to different artists and painting styles. **Fee: \$40.00**

PAINTING II - 126 **Credit 1/2** **Prereq: Intro to Art & B Painting I**

This course is designed for students wishing to advance their painting skills. Students will spend the first 9 weeks working with oils, and the last 9 weeks working with either watercolors or acrylics. Approval of instructor is required for this course. **Fee: \$50.00**

PHOTOGRAPHY I - 101 **Credit 1/2** **Prereq: Intro to Art**

This is a beginning course in black and white photography. This is NOT a digital photography class. Students will learn how to take pictures, process film, print photographs in a darkroom, and prepare photographs for display. Students also learn about camera types and functions, as well as composition (i.e. taking good pictures) and the history of photography. A 35mm film camera, preferably one with adjustable controls, is required for this course. Students will take pictures for all photo assignments on their own time outside of class. Do not sign up for this course if you do not have the time to commit to the assignments. This course is open to 11th and 12th grade students only. (Limited space – first come, first serve) **Fee: \$75.00**

PHOTOGRAPHY II - 701 **Credit 1/2** **Prereq: Intro to Art & B in Photography I**

This course is for students wishing to advance their black & white photography skills. This is NOT a digital photography class. The class will cover the same areas as Photography I on an advanced level. Students must have an adjustable 35mm camera for this course. Students will take pictures for all photo assignments on their own time outside of class. Don't sign up for this course if you do not have the time to commit to the assignments. Open to 11th & 12th grade students only. (Limited space–first come, first serve) **Fee: \$80.00**

3D ARTS – 425 **Credit 1/2** **Prereq: Intro to Art**

This course takes students beyond the two-dimensional plane and helps them to take the next step into three-dimensional design. They will explore many types of sculpture and 3-D art forms. **Fee: \$40.00**

2D ARTS – 426 **Credit 1/2** **Prereq: Intro to Art**

This course is designed for students to explore a variety of two-dimensional art media and techniques. These may include drawing, printmaking, paper arts, scratch art, and batik. **Fee: \$30.00**

BUSINESS

Introduction to Business - 110 **Credit 1** **Grades 9,10,11 & 12**

(Will meet Econ/Finance graduation requirement)

This course will serve as an introduction to Business subjects and deals with economics on a personal level. Special emphasis is placed on helping students to be wise consumers and efficient managers of personal, business, and financial affairs. Units covered will include car buying, cost of credit, interview for a job, income tax procedures, check writing, investments, insurance and exploration of career opportunities with emphasis on business.

Accounting I - 112 **Credit 1** **Grades 10, 11, 12**

Interested in business, banking, finance, securities, or accounting as a career? Knowledge of generally accepted accounting principles for proprietorships, partnerships, and corporations is essential for basic understanding and success. Students will also be introduced to computerized accounting applications. Workbook required.

Accounting II - 113 **Credit 1** **Prereq: Accounting I**

Specifically intended for the career-oriented student seeking to expand their knowledge base with emphasis on accounting processes and financial statement analysis. Corporate accounting procedures will be stressed while using computer software. Workbook required. *Students maintaining an "A" average in both Accounting I and II will have the opportunity to be in an advanced accounting course at Northwest State Community College.

Business Arithmetic - 111 **Credit 1** **Grades 9, 10, 11 & 12**

This class deals with the fundamentals of arithmetic as applied to business. Students will study applications of principles and processes in relationship to savings, investments, travel, banking, taxes & personal finances.

Business Law - 114 **Credit 1/2** **Grades 10,11 & 12**

Interested in a career in business, legal counsel, or law enforcement? Students will study laws such as basic crimes and torts, contract elements, and minor's rights and responsibilities. In addition, family laws regarding marriage, divorce, and wills are introduced along with how to seek legal advice. Leaders from the community will make guest presentations and a field trip to municipal court will supplement the text.

Business Writing – 927 **Credit 1/2** **Grades 10, 11 & 12**

Students will be assigned extensive practice in various forms of writing appropriate to business and industry. Students will learn to present ideas effectively in letters, memos, reports, proposals, press releases, etc. The course will also emphasize skills in the accepted use of writing conventions and the mechanics of writing business documents. Effective grammar and business vocabulary will be emphasized in the evaluation of student writings. All writing assignments in this course are required.

Computer Applications I - 313 **Credit 1/2** **Prereq: None**

Students will learn the Microsoft Word, Excel, Adobe PhotoShop, HTML, and Dreamweaver software applications. The students enrolled will focus for nine weeks on Microsoft Word and Excel, and then another nine weeks on Adobe PhotoShop, Dreamweaver, and HTML. This course is the foundation for both Computer Applications II and Web Page Management.

Computer Applications II - 300 **Credit 1/2** **Prereq: C in Computer Appl. I**

This course is a continuation of Computer applications I with learning advanced skills in Microsoft Word and Excel during the first nine-week quarter. During the second nine-week quarter, students will enhance their skills using I-Photo, advanced Adobe Photoshop as well as their web page design skills.

Economics – 115 **Credit 1/2** **Grades 10,11 & 12**

(Meets Econ/Finance graduation requirement)

Economics is an alternative for the college-bound or business-oriented student who wants a broader knowledge of the competitive private enterprise systems. Students will study the theoretical and practical aspects of the market economy, money and banking, labor and management relations, government revenues, expenditures and regulations, investments and the stock market, and foreign economic systems.

Finance - 135 **Credit 1/2** **Grades 10, 11 & 12**

(Meets Econ/Finance graduation requirement)

Want to learn how to spend and invest your money wisely? Finance offers a background in financial planning and management. Students will be introduced to many activities from getting and keeping a job to making well-informed financial decisions. Topics will include, but are not limited to: Tax planning and preparation, investing in the stock market, budgeting, housing, insurance, and transportation.

Typing/Word Processing I - 116 **Credit 1/2** **Grades 9,10,11 & 12**

Everyone needs good keyboarding skills to operate a computer effectively with emphasis on touch-key method using correct techniques. Word processing applications include formatting letters, reports & simple tables.

Typing/Word Processing II -117 **Credit 1/2** **Grades 9,10, 11 & 12**

Prereq: "C" in Typing/Word Processing I (30 wpm)

Become proficient in word processing using Microsoft Word to correctly format various types of business communications. Upon successful completion, skills will allow for application for basic entry-level positions requiring word processing skills for part-time employment.

Web Page Management I - 118 **Credit 1/2** **Prereq: B in Computer Appl. I**

This class builds on the knowledge of Dreamweaver and Adobe Photoshop gained in Computer Applications I. Students will gain extensive experience in website development and maintenance and will actively participate daily in upgrading and updating the DHS website.

Web Page Management II -119 **Credit 1/2** **Prereq: A in Web Page Management I**

Enrolled students will use their previous experience in webpage design and maintenance to develop unique authentic learning projects with the permission of and under the supervision of the instructor. Self-guided exploration of software functionalities and design principles for the Internet will be a major component of this course. Students will gain extensive experience in website development and maintenance and will actively participate in upgrading and updating the Defiance High School website. Students should be self-motivated and successful in Web Page Management I. Space will be limited to 15 students.

Web Page Management III - 120 **Credit 1/2** **Prereq: Instructor Permission**

Enrolled students will use their previous experience in webpage design and maintenance to develop unique authentic learning projects with the permission of and under the supervision of the instructor. Self-guided exploration of software functionalities and design principles for the Internet will be a major component of this course. Students will gain extensive experience in website development and maintenance and will actively participate in upgrading and updating the Defiance High School website. Students should be self-motivated and successful in Web Page Management II. Space will be limited to 15 students.

Web Page Management IV - 121 **Credit 1/2** **Prereq: Instructor Permission**

Enrolled students will use their previous experience in webpage design and maintenance to develop unique authentic learning projects with the permission of and under the supervision of the instructor. Self-guided exploration of software functionalities and design principles for the Internet will be a major component of this course. Students will gain extensive experience in website development and maintenance and will actively participate in upgrading and updating the Defiance High School website. Students should be self-motivated and successful in Web Page Management III. Space will be limited to 15 students.

News Reporting I - 925 (Banner Year 1) **Credit 1** **Grades 9, 10, 11, 12**

Prereq: "B" in English, Typing I Preferred, instructor's permission.

This course is designed to give a student experience in writing and reporting the news of the school and community for the high school newspaper, *The Banner*. Students will be required to use their word processing skills to develop and construct professional news articles. In addition, students will gain knowledge in the publishing cycle of graphic design, writing, editing, and meeting deadlines. Students will use the software program Adobe InDesign to efficiently layout and produce the school newspaper.

News Reporting II - 926 (Banner Year 2) **Credit 1** **Grades 10, 11, 12**

Prereq: "B" in English; Typing I preferred. Must have instructor's permission.

This course is designed to give a student experience in writing and reporting the news of the school and community for the high school newspaper, *The Banner*. Students will be required to use their word processing skills to develop and construct professional news articles. In addition, students will gain knowledge in the publishing cycle of graphic design, writing, editing, and meeting deadlines. Students will use the software program Adobe InDesign to efficiently layout and produce the school newspaper.

News Production I - 928 (Banner Year 3) **Credit 1** **Grades 11, 12**

Prereq: "B" in English; Typing I preferred. Must have instructor's permission.

This course is designed to give a student experience in writing and reporting the news of the school and community for the high school newspaper, *The Banner*. Students will be required to use their word processing skills to develop and construct professional news articles. In addition, students will gain knowledge in the publishing cycle of graphic design, writing, editing, and meeting deadlines. Students will use the software program Adobe InDesign to efficiently layout and produce the school newspaper.

News Production II - 929 (Banner Year 4)**Credit 1****Grades 12****Prereq: "B" in English; typing I preferred. Must have instructor's permission.**

This course is designed to give a student experience in writing and reporting the news of the school and community for the high school newspaper, *The Banner*. Students will be required to use their word processing skills to develop and construct professional news articles. In addition, students will gain knowledge in the publishing cycle of graphic design, writing, editing, and meeting deadlines. Students will use the software program Adobe InDesign to efficiently layout and produce the school newspaper.

Yearbook Design & Production - 923**Credit 1****Grades 9,10,11 & 12****Prereq: B in English, Photography recommended, instructor's permission.**

This course offers students actual hands-on experience in designing and producing the high school yearbook, Panorama. Emphasis is placed on design concepts, copywriting, digital photography techniques, word processing, desktop publishing and the selling of advertisements to businesses.

COMMUNICATIONS**Video/TV I - 917****Credit 1/2****Prereq: Teacher Approval**

Students will operate their own studio for the morning announcements. Credit will be given for daily participation in the production process. Students will also create a video portfolio that will require outside research.

Video/TV II - 915**Credit 1/2****Prereq: C in 917, Teacher Approval**

Students will operate their own studio for the morning announcements. Credit will be given for daily participation in the production process. Students will also create a video portfolio that will require outside research. The portfolio will be aired on the local, cable accessed channel.

COMPUTER**COMPUTER PROGRAMMING - 421****Credit 1/2****Prereq: B in Algebra**

Students will be given an introduction to Computer programming. Students will use this structured language to program the computer to solve everyday problems.

TECHNOLOGY OFFICE EXPERIENCE 321-326**Credit 1/2****Prereq: Permission from instructor**

Students will be expected to learn and apply procedures needed to run the Technology Office. These procedures include installing and upgrading software and hardware in high school computer labs and classrooms. Students will also assist in maintaining the network and maintaining accurate records of all updates and acquisitions.

ENGLISH

Students are required to take four years of comprehensive yearlong English courses. The courses within this requirement are numbered in the order for which you should take them.

ENGLISH 9 - 900**Credit 1****Required for Grade 9 – STEP 1**

This yearlong, required course is an introduction to literature, and students will study short stories; poetry; non-fiction; drama; and the novel, incorporating literary terms; poetic devices; and vocabulary development, as well as grammar review and reinforcement. Homer's *Odyssey* and Shakespeare's *Romeo and Juliet* will be studied, along with a critical thinking unit. Testing-related topics covered will include formula writing, the elements of an essay, reading strategies, OGT vocabulary, and the eight parts of speech. A short research paper in MLA style is required. Vocabulary Workshop (Level D) \$7.00, *To Kill a Mockingbird* \$5.50, *Write in Style* \$8.50 must be purchased from the school bookstore. Prices subject to change.

HONORS ENGLISH 9 - 903 **Credit 1** **Prereq: Teacher recommendation –STEP 1**

Accelerated English 9 curriculum with additional readings, novels, and an additional Shakespeare play. This course will incorporate a more extensive literary analysis approach. Some summer reading may be required. Testing-related topics covered will include formula writing, the elements of an essay, reading strategies, OGT vocabulary, and the eight parts of speech. A short research paper in MLA style is required. Vocabulary Workshop (Level D) \$7.00, To Kill a Mockingbird \$5.50, Write in Style \$8.50 to be purchased from the school bookstore. Prices subject to change.

ENGLISH 10 - 901 **Credit 1** **Prereq: English 9 – STEP 2**

This yearlong, required course is the second step in the English curriculum, providing an extension of literary terms already introduced in English 9. Students will study short stories, poetry, nonfiction, drama, novels (see teacher list), literary terms, the research paper, writing workshops, vocabulary development, and grammar reinforcement. To supplement the textbook, the following books can be purchased in the school's bookstore: *Vocabulary Workshop Level E*, \$8.50; *All But My Life*, \$10.00; *A Separate Peace*, \$7.00 and *Greek Mythology*, \$5.50. Prices are subject to change.

HONORS ENGLISH 10 - 904 **Credit 1** **Prereq: B in Hon. English 9 – STEP 2**

This class will compare with English 10 but it will be accelerated with poetry replacing short stories, an additional novel (*Great Expectations*), and an additional play (*Sophocles' Antigone*). An enhancement of the literary analysis approach will be developed. The vocabulary book used in this course is *Vocabulary Workshop (Level E)* \$7.00 and can be purchased in the school bookstore along with *All But My Life* \$10.00 and *Edith Hamilton's Greek Mythology* \$5.00. Prices are subject to change. Summer reading may be required.

ENGLISH 11 - 902 **Credit 1** **Prereq: English 10 –STEP 3**

This yearlong required course is the third step in the English curriculum and examines the social, political, religious, and philosophical influences, which have contributed to the development of American literature. The study includes major literary periods- Puritan through modern. At least one American novel will be studied, as well as vocabulary development. Students will maintain an American Literature notebook as a required assignment, and a short research paper in MLA style will be required. Texts to be purchased for the class in the school bookstore include *The Grapes of Wrath* \$10.00, *The Great Gatsby* \$8.00, *The Red Badge of Courage* \$1.50, *Ethan Frome* \$1.50 and *Vocabulary Workshop (Level F)* \$7.00. Prices are subject to change.

HONORS ENGLISH 11 - 937 **Credit 1** **Prereq: B in Honors English 10 – STEP 3**

Accelerated English 11 curriculum, which engages students in careful reading and critical analysis of American literature. Students will be expected to do a significant amount of reading & writing to prepare for the Advanced Placement Exam, which will be taken after the completion of Senior AP English. Some summer reading may be required. Add'l texts to be purchased from the school bookstore with the approx. costs around \$40.

ENGLISH 12 - 905 **Credit 1** **Prereq: C or lower in English 9,10,11- STEP 4**

The course will provide a study of significant authors and their works in drama, fictional novels, and poetry for the non-college bound student. A short research paper based on an author will be required, as well as shorter papers that analyze the various writings. Texts to be purchased are *Vocabulary for Achievement (Sixth Course)* \$10.50, *Street Lawyer* \$6.00, and *They Cage the Animals at Night* \$4.00. Prices are subject to change.

COLLEGE PREP ENGLISH 12 (CPE) - 909 **Credit 1** **Prereq: Eng. 9,10,11-STEP 4**

A senior class designed to prepare students for college. The class surveys 1500 years of British Literature and British authors. A Shakespeare play and a modern British novel will supplement the text. The novel will be purchased from the school bookstore as well as *Vocabulary Workshop (Level G)* Students will maintain a British Literature notebook as a required assignment. Students will make a transition from writing short papers to a longer research paper in the MLA style as a required assignment, using the *Write in Style* manual purchased during freshman year. All compositions are required assignments.

ADVANCED PLACEMENT (AP) LITERATURE & COMPOSITION 12 – 933**Credit 1****Prereq: Honors English 9,10 or 11 or instructor approval – STEP 4**

This course is designed to be an introductory college level course that engages students in careful reading and critical analysis of imaginative literature. Literary terms expected to be on the Advanced Placement Exam will be covered, as well as critical analysis of each novel or play studied. The students will maintain an AP Notebook as a required assignment and will be responsible for numerous short analytical papers and several oral presentations. Reading assignments will be substantial and varied but not overwhelming. The course is followed by the AP Exam, which is scheduled in May, students **must** take the exam. Some summer reading may be required. Students will purchase all needed texts from the school bookstore. Approximate cost of texts is \$20.

BIBLE AS LITERATURE I – 908**Credit 1/2****Elective 9,10,11 & 12**

This course will focus on the history, traditions, and writings of both the Old and New Testaments. Emphasis will be placed on studying the Bible from a literary and historical standpoint. A research project is required.

BIBLE AS LITERATURE II – 912**Credit 1/2****Elective 9,10,11 & 12**

This course will focus on the history, traditions, and writings of the New Testament. Emphasis will be placed on studying the Bible from a literary and historical standpoint.

COLLEGE WRITING – 924**Credit 1/2****Elective 11,12**

This is a class for the good writer who wants to become an excellent writer. The emphasis of instruction will be to prepare students for the different types of writing they will encounter in their college coursework. A student portfolio will be developed, including examples of narrative, descriptive, expository, persuasive, and logical sequence explanation. Instructors will emphasize the writing process, and students will be expected to perform revisions of their writing. Model writing and rubrics will also be used. All assigned compositions are required. This course is recommended for the college bound student.

CREATIVE WRITING - 920**Credit 1/2****Elective 9, 10, 11, 12**

Focus of the class will be on creative writing for publication and various writing contests. There will be heavy emphasis on the revision process and writing for an audience. Writing assignments will explore poetry, short story, and essay in a writer's workshop approach the first nine weeks. The second nine weeks will consist of the production of Alive and Kicking, the DHS literary magazine.

MULTICULTURAL LITERATURE –906**Credit 1/2****Elective 9,10,11,12**

This course will provide a study of significant Latino, African American, Native American, and Asian American authors and their works in poetry, fiction & nonfiction. Main focus is on contemporary literature.

MYTHOLOGY – 911**Credit 1/2****Elective 9, 10, 11 & 12**

This is a study of mythological development and conflict in the cultural development in western civilization. Divided into a tree-round literary "death match" bout, the first round features Osiris v Marduk; Homer and Vigil v Yahweh; Thor v Bridget; Zues v Greenman; Oriris v Yahweh; Thor v Zeus.

SHAKESPEARE STUDIES -913**Credit 1/2****Elective 10,11 & 12**

The course will provide a background of Elizabethan everyday life and focus on Shakespeare's contribution to drama. Varied approaches to best-known tragedies and comedies with emphasis on characterization, plot, theme, and language will be covered, as well as discussion on how the modern directors see Shakespeare's vision. Various texts to be purchased from the school bookstore. Approximate cost is \$15.

SPEECH - 916**Credit 1/2****Elective 11, 12**

This class will explore the elements and principles of effective interpersonal and group communication in the modern world. The class will highlight different approaches to public speaking and the communication process. Oral presentations, both individual and small group, will be emphasized.

FOREIGN LANGUAGES

FRENCH I -201

Credit 1

Prereq: C in English

French I is a visual-audio-lingual program that offers maximum opportunities for successful learning of French. The C'est a' toi program uses a cultural approach to help the student easily learn the four basic language skills: listening, speaking, reading and writing. Many materials are used to make learning French easy and enjoyable: videos, CD's and computer programs.

FRENCH II - 202

Credit 1

Prereq: C in French I

C'est a toi – Level 2 continues the visual-audio-lingual program of French I dealing with topics of special interest to teenagers. Much time is spent learning about the people, culture, and civilization of France using films, videos, CD's and computer programs.

FRENCH III - 203

Credit 1

Prereq: C in French II

Immerse yourself in French society & culture while improving your ability to speak and understand the language with the multi-media C'est a toi – Level 3 program. Video, audio, and printed materials combine to provide an exciting “planned immersion” in French language and culture. French I and II skills are reviewed and enriched.

FRENCH IV – 205

Credit 1

Prereq: C in French III

French IV continues the C'est a toi -Level 3 program combined with the TRESORS DU TEMPS program that is used as a supplement. French IV will be offered only if there is adequate enrollment.

SPANISH I - 206

Credit 1

Prereq: C in English

This is an introductory course designed to teach the basic concepts of Hispanic language and culture. The emphasis is on listening, reading, and writing, but some speaking will be required.

SPANISH II - 207

Credit 1

Prereq: C in Spanish I

This course builds on the foundation of Spanish I. Culture and vocabulary are continued while grammar is explored in more depth. The emphasis is on listening, reading & writing with more speaking required.

SPANISH III - 208

Credit 1

Prereq. C in Spanish II

This course builds on Spanish II information. More vocabulary and culture are studied. The remaining grammar is covered and practiced through readings and compositions. Presentations will be given in Spanish.

SPANISH IV - 209

Credit 1

Prereq: C in Spanish III

This course focuses on the advanced development of Spanish language skills with special emphasis on reading and writing. It will be offered if there is adequate enrollment and staff.

SPANISH V - 219

Credit 1

Prereq: C in Spanish IV

Spanish V will continue writing, speaking and reading Spanish. The students will study advanced grammar, vocabulary and will demonstrate their command of the language with skits and written and oral compositions. The students will study the diversity of the Hispanic world and how they react with our own culture.

ADVANCED PLACEMENT (AP) SPANISH – 218

Credit 1

Prereq: B in Spanish IV or III

This course is a prerequisite to students who wish to take the Advanced Placement test at either the end of this course, or the following year. In order to receive credit for this course, students must take the AP exam. It is strategically designed to complete grammar instruction coupled with review & complete the numerous tenses and associated skills necessary to proceed at an advanced level. Only Spanish is used at this level. Writing skills will be developed & vocabulary acquisition will continue. Culture elements are presented in the readings & conversely predetermined vocabulary segments. A course syllabus has been designed and approved by the College Board for the final year, contingent on the taking of the exam. This can & may be a sequential class as to be determined by skill levels presented.

INDUSTRIAL TECHNOLOGY

CADD is a 2-year TECH PREP Program. Students who enroll in CADD I are expected to enroll in CADD II the second semester and CADD III their senior year. Failing to do so negates the college accreditation.

CADD I - 257

Credit 1 HS/4 Hours College Credit

Junior Prereq.

Juniors only with a minimum 2.5 grade point average. Recommendation of instructor. Minimum C grade in algebra. 90% attendance. Early Bird Class 7:30 – 8:30 One Semester.

This is a course in the fundamentals of Computer-Aided Design, utilizing state-of-the-art microcomputer hardware and AutoCADD application commands. Gives the student the opportunity to become proficient, in a hands-on environment, in developing fundamental 2D drawings and utilizing an industrial quality CADD system. This course can be taken for college credit towards an Associate's Degree as a CADD technician.

CADD II - 258

Credit 1 HS/4 Hours College Credit

Junior Prereq.

Juniors only with a minimum 2.5 grade point average. Recommendation of instructor. Minimum C grade in algebra. 90% attendance. Early Bird Class 7:30 – 8:30 One Semester. Prereq: CADD I

This course is a continuation of CADD I. This course is designed for exploring the advanced in-depth commands available in AutoCAD and to develop engineering & architectural drawings utilizing MicroCAD Systems. Having mastered the fundamentals of CADD I, the student will progress to the more advanced commands and design features of the software packages. The goal of this course, in combination with its prerequisites, is to attain proficiency in the operation of microcomputer based AutoCAD systems. Complex drawings will be produced, utilizing the capabilities of high speed plotting equipment for finished work and HP Laser Jet printers for draft quality.

CADD III - 255

Credit 1 HS / 9 Hours College Credit

Seniors only

Students meet **one** period per day for **one year**. Prereq. 2.5 minimum grade in CADD II. CADD III is a course in 3-dimensional design. Students will be working in a hands-on environment utilizing SolidWorks 3D feature-based parametric solid modeling design tool software. The student's goal will be to become proficient in the operation of a state-of-the-art 3D CADD system in developing industrial-type drawings. Students will learn the software commands, the drafting standards, and the engineering terminology necessary in developing and plotting advanced 3D models, 2D detail drawings and 3D assembly drawings as used in today's modern industries. Students will have the opportunity to manipulate 3D solid objects in space and learn how to link their 3D models to develop detail drawings, assembly drawings, design tables and bill of materials. **A required Senior project is completed during this course.**

MARKETING EDUCATION

The Marketing Education Program/DECA is a two-year curriculum with a concentration in Business, Economics, Management, Entrepreneurship, and Marketing. With acceptance from the instructor, juniors enroll in Introduction to Marketing. The senior course, Marketing Management, is a continuation of the curriculum with a managerial focus; seniors will also enroll in a Cooperative Experience.

Students must schedule a minimum of 4 periods at DHS. Students who complete courses 130 and 131 will fulfill the Economics/Finance requirement.

INTRODUCTION TO MARKETING – 130 Credit 1 Prereq: Grade 11 only / Teacher Approval

The DHS Marketing Education curriculum is based on the National Standards for Marketing Management, Entrepreneurship, and Business Administration. The Standards are composed of both the Business Administration Core Standards and Marketing Core Standards. Although students will be presented with a comprehensive study of business, entrepreneurship, and economics, the curriculum places heavy emphasis on the Marketing Mix, or five Ps of marketing. Specifically, the junior curriculum emphasizes the "basics" of business, entrepreneurship, and economics, and students begin their understanding of the Marketing Mix.

Students are required to join DECA, An Association of Marketing Students. DECA provides skills and experience relating to social intelligence, leadership development, career understanding, and civic consciousness. A fee of \$21 covers local, state, and national membership dues.

**MARKETING MANAGEMENT - 131 Credit 1 Prereq: Introduction to Marketing
Must be currently enrolled in Course 132 or 133, and obtain Teacher Recommendation**

The DHS Marketing Education curriculum is based on the National Standards for Marketing Management, Entrepreneurship & Business Administration. The Standards are composed of both Business Administration Core Standards & Marketing Core Standards. The senior curriculum continues the comprehensive study of business, entrepreneurship, economics, and marketing through a managerial approach. Critical thinking skills will be encouraged through the study of higher-level marketing concepts & projects. Senior students are required to complete a marketing cooperative experience. The marketing cooperative experience allows students to see the marketing curriculum being used in the “real world.” Senior students have a choice between the Marketing Cooperative Training Experience & Marketing Cooperative Career Shadowing Experience.

Students are required to join DECA, An Association of Marketing Students. DECA provides skills and experience relating to social intelligence, leadership development, career understanding & civic consciousness. A fee of \$21 covers local, state, and national membership dues.

Marketing Cooperative Training Experience - 132 Credit 2 Prereq: Enrolled in Marketing Mgmt

The Marketing Cooperative Training Experience is a joint effort between Defiance Senior High School and an approved local business. A senior marketing student will maintain part-time employment with a business in an approved marketing-related position. The student is required to average 15 hours per week for 36 weeks to reach the minimum 540 hours for course completion. A student may work the required hours in the evenings, on the weekends, or during the school day after attending all required classes. The instructor and the student’s supervisor will coordinate tailored learning experiences based on the student’s career objectives. Current part-time employment may serve as the cooperative business if approved by the instructor. If a student needs part-time employment, the instructor will aid in the employment search.

**Marketing Cooperative Career Shadowing Experience - 133 Credit 1/2 Prereq:
Must be currently enrolled in Marketing Management**

The Marketing Cooperative Career Shadowing Experience is a joint effort between Defiance High School & local businesses. The career shadow experience allows a senior marketing student to visit one area business per quarter & shadow individuals working in positions relating to his/her career objectives. Shadows will be coordinated with reliable & well-qualified individuals at reputable businesses. Each shadow will be completed during one school day. Students will not be paid for the experience and will be required to complete a written report and oral presentation. The instructor will coordinate all shadow experiences.

MATHEMATICS

PRE-ALGEBRA – 302 Credit 1 No Prerequisite

An integrated pre-algebra course designed to match the standards and indicators for Ohio as well as prepare the students for the Ohio Graduation Test. Topics of study will include scientific notation, integers, rational & irrational numbers, inverse relationships, estimation, formulas for area & volume, and computation for surface area of common solid forms.

ALGEBRA I – 303 Credit 1 Prereq: Pre-Algebra or B in 8th grade math

First year integrated algebra course designed to match the standards & indicators for Ohio as well as prepare the students for the Ohio Graduation Test. Students will compare & determine equivalent forms for rational & irrational numbers, find square & cube roots, convert rates within the same measurement system(metric), use right angle trigonometry, define sine, cosine, and tangent as basic ratios & thoroughly investigate linear & quadratic equations.

GEOMETRY - 305**Credit 1****Prereq: Algebra I**

A first year integrated geometry course designed to match the standards and indicators for Ohio as well as prepare the students for the Ohio Graduation Test. Topics of study will include formal definition of geometric figures, as well as theorems involving lines, angles, triangles, and quadrilaterals, symbolic representation of irrational numbers, factorial notation, absolute vs. relative error, and other polygons and proofs.

HONORS GEOMETRY - 306**Credit 1****Prereq: B in Algebra I**

A first-year integrated geometry course designed to match the standards and indicators for Ohio as well as prepare the students for the Ohio Graduation Test. Students should expect an accelerated pace and a more in-depth analysis and application of topics which will include formal definition of geometric figures, as well as theorems involving lines, angles, triangles, and quadrilaterals, symbolic representation of irrational numbers, factorial notation, absolute vs. relative error, and other polygons and proofs.

ALGEBRA II - 307**Credit 1****Prereq: Geometry and Algebra I**

A second year algebra course designed to match the standards and indicators for Ohio. Students will explore first degree equations and inequalities, as well as matrices, higher order polynomials, advanced functions and relations, a thorough study of Trigonometry, as well as an introduction to probability and statistics.

HONORS ALGEBRA II - 308**Credit 1****Prereq: B in Honors Geometry or A in Geometry.**

A second-year algebra course designed to match the standards and indicators for Ohio. Students should expect an accelerated pace and a more in-depth analysis and application of concepts such as first degree equations and inequalities, as well as matrices, higher order polynomials, advanced functions and relations, a thorough study of Trigonometry, as well as an introduction to probability and statistics.

PRE-CALCULUS – 309**Credit 1****Prereq: 303, 305, & 307**

Pre-calculus course designed to match the standards & indicators for Ohio. Topics include relations, functions & graphs of functions of varying degrees, a thorough study of Trigonometry, advanced functions & graphing, including polar coordinates, exponential and logarithmic functions & an introduction to basic topics of Calculus.

HONORS PRE-CALCULUS – 310**Credit 1****Prereq: B in Honors Algebra II**

A pre-calculus course designed to match the standards and indicators for Ohio. Students should expect an accelerated pace and a more in-depth analysis and application of topics including relations, functions and graphs of functions of varying degrees, a thorough study of Trigonometry, advanced functions and graphing, including polar coordinates and exponential and logarithmic functions, and an introduction to basic topics of Calculus.

CALCULUS - 315**Credit 1****Prereq: 309 or 310**

A first year calculus course designed to match the standards and indicators for Ohio. Students in this course will cover approximately 2/3 of the topics required by the AP Calculus curriculum.

AP CALCULUS - 317**Credit 1****Prereq: B in 309 or 310**

An accelerated calculus course designed to match the standards and indicators for Ohio and prepare students for the Advance Placement Calculus test. Students enrolled are **required** to take the AP test in May and thus may earn college credit if mastery is demonstrated.

MUSIC**INSTRUMENTAL MUSIC**

The Instrumental Music Department offers five performing ensembles:

MARCHING BAND CONCERT BAND SYMPHONIC BAND JAZZ BAND

All bands are credit-bearing classes with a course of study. Band is a yearlong course! Therefore all instrumentalists must be enrolled for the entire year. Please follow the instructions above carefully before enrolling. **Enrollment is with the consent of the director!** The bands are organized as follows:

BAND - 394**Grades 9, 10, 11, 12**

All students will initially enroll in this course for quarters 2-3-4. After auditions, your schedule will be manually changed to reflect your actual placement into either Concert or Symphonic Band.

AUXILIARY BAND - 350**Credit 1/4**

This course is for the Flag and Majorette personnel who do not play an instrument and for the equipment managers. No credit is given to equipment personnel. This class meets period five for quarter one.

MARCHING BAND – 351**Credit 1/4****Grades 9, 10, 11, 12**

Marching Band takes place during the football season. At the conclusion of football, end of 1st quarter, the auditions will take place and students will be placed in either Concert or Symphonic Band.

JAZZ BAND - 355**Credit 1/2**

The jazz ensemble is open to all grade levels and must consist of members currently enrolled in the band program unless granted permission by the director. The class meets two days a week after school!

VOCAL MUSIC**WOMEN'S CHORALE - 360****Credit 1****Prereq: Voice Audition**

Women's Chorale is open to female students in grades 9-12 who have a desire to sing in a performing ensemble. Students are instructed in the basics of proper singing, vowel/tone production, breath support, posture & sight reading. Several yearly performances are a mandatory part of the course requirement for the Women's Chorale. Students will be assessed a yearly uniform fee.

A CAPPELLA CHOIR - 362**Credit 1****Prereq: Voice Audition and Director Approval**

A Cappella Choir is a mixed ensemble that is open to students grades 9-12. A yearly audition with the Director is required. Students who are selected must demonstrate an advanced musical aptitude, strong discipline and work ethic, and a desire to work as a part of an elite choral organization. The A Cappella Choir has a legacy of excellence in choral singing. Performances include: annual Christmas concert & OMEA Large Group Adjudicated Events - these are a mandatory part of the course requirement. Students will be assessed a yearly uniform fee. Auditions will take place in the spring of each year for the subsequent school year. As the A Cappella choir is a yearlong course, students are expected to remain for the entire year.

VARSITY BLUES - 363**Credit 1/2****Selected by audition**

Varsity Blues are a mixed ensemble selected by audition. Any student in Women's Chorus or A Cappella Choir may audition for Varsity Blues. The ensemble performs a variety of choral music including pop, jazz & musical theatre as well as more advanced choral literature. Rehearsals are by arrangement outside of the regular school day. Varsity Blues performs for a number of community events on an annual basis. Students selected for the ensemble must be willing to make the necessary time commitment for rehearsals & performances & have non-school transportation available to and from rehearsals & certain performances. AUDITIONS TAKE PLACE IN THE SPRING OF EACH YEAR FOR THE SUBSEQUENT SCHOOL YEAR. Information about auditions will be made available to students on the first day of school.

ADVANCED MUSIC STUDIES**MUSIC THEORY - 364****Credit 1/2****Prereq: Instructor Approval**

A class designed for those students thinking about majoring in music. A working knowledge of the keyboard is helpful but not necessary. Topics to be studied include: pitch notations, rhythm, intervals, scales, key signatures, chords, and melody writing. **This class should be a consideration for the more serious music student and is only offered during the first semester!**

INTRODUCTION TO MUSIC THEATER - 365 Credit 1/2 Prereq: Instructor Approval

Introduction to Musical Theater will be offered in the fall semester only and is open to any student in grades 10-12. Students will learn about the development of the musical theatre with its beginnings in ancient cultures to its current form in today's modern world. Students will experience a wide variety for music and theatre styles. A solid background in writing and grammar skills is recommended.

MUSIC TECHNOLOGY - 366 Credit 1/2 Prereq: Instructor Approval

This course is open to Juniors and Seniors who would like to learn techniques of audio recording through digitally based computer programs. Subject matter will include: acoustics, physics of sound, microphone placement, use of effects in recordings, and production of CD's. Coursework will require students to complete projects by recording live performances during evening and weekend hours. **Students must have a working knowledge of basic music concepts to take this course. This course is offered first semester only!**

HISTORY & DEVELOPMENT OF POPULAR MUSIC - 368 Credit 1/2 Prereq: Grades 9-12

History & Development of Popular Music is a course designed to study the genre of popular music in the 20th century & modern era. Students will explore how pop music evolved through its numerous forms & styles with discussion about social & cultural events, movements & idea that affected its growth. Technological inventions and innovations throughout the 20th century and their application to popular music's growth will be explored.

MUSICAL THEATER REPERTOIRE -367 Credit 1/2 Prereq: Grades 11, 12-Instructor Approval

Musical Theater Repertoire is a performance oriented vocal music class. It is a class designed for more advanced vocal music students seeking to supplement their vocal education through the musical theater genre. This class is designed to provide students with one on one and small ensemble instruction and to expose them to the major style periods of musical theater. Students will work with the director in a master class setting in both learning from and evaluating each other. **This class is only offered during the first semester.**

PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION 9 - 401 Credit 1/4 Required

401 Physical Education is taken either 1st or 2nd semester by Freshmen. (Co-ed)

PHYSICAL EDUCATION 10 - 411 Credit 1/4 Required

411 Physical Education is taken either 1st or 2nd semester by Sophomores. (Co-ed)

PHYSICAL EDUCATION 11-12 - 402 Credit 1/4 Grades 11, 12 Prereq: 401&411

This one-semester course is designed for students who have **successfully completed their two required PE classes with a B or better**, but who have a continuing interest in physical education and personal fitness. Daily activities will stress lifelong sports, aerobic conditioning, and the foundations of personal fitness. Students will be required to develop a written personal fitness plan. (Co-ed) Course may only be taken once.

HEALTH - 420 Credit 1/2 Prereq: None

Health deals with the physical, mental, and social well being of the individual. It is not only concerned with how our bodies function, but why they react as they do in certain situations. Topics vary from anatomy, smoking, drugs, mental health and social problems, to the moral, social, and physical aspects of sex in today's world. In general, the health course will attempt to explain and discuss various topics of interest and concern in regard to the future development of teenagers and adults.

ENVIRONMENTAL SCIENCE - 502 Credit 1**Grades 11 & 12**

Environmental Science involves the study of the environments in which organisms live. Being an integrated science, it draws from many different fields of science, with particular emphasis on biology and earth science. After basic principles of ecology have been established, the impact of human activities on the environment, both planned and unplanned, will be investigated.

HUMAN ANATOMY AND PHYSIOLOGY – 508 Credit 1**Grades 11 - 12****Prereq: Biology I or Honors Biology I**

Human Anatomy and Physiology will familiarize students, through lecture and laboratory experiences, with the basic structures and functions of the body, along with diseases that affect the body. This course will help prepare those who plan on pursuing further study in the fields of medicine, dentistry, nursing, physical therapy, teaching, homemaking and other health related fields. **Lab Fee: \$15.00**

PHYSICS I - 514**Credit 1****Prereq: Algebra 1 & Grade 11**

Physics I studies the physical laws that are the basis of today's technology. Both linear and angular motion will be examined. Students will evaluate information derived from both popular and technical sources to determine its scientific validity. Students will also study simple machines, energy, power, work, relativistic mechanics and quantum mechanics, gravity, electricity, and magnetism. Those enrolled will be required to analyze advertisements and technical information to recognize bias and misrepresentation. The emphasis in this course is to design and conduct a range of investigations associated with everyday experiences, in order to be able to understand and describe them scientifically.

PHYSICS II - 515**Credit 1/2****Prereq: Physics I & Grade 12**

Physics II studies electricity and electronics, especially D.C. electricity, A.C. electricity, transistors, and modern integrated circuits. Students will examine superconductivity, fiber optics, tube-type electronics vs. transistor-type electronics, and digital vs. analog circuits. The emphasis in this course is to design and conduct a range of investigations associated with electricity, electromagnetism, and circuitry in today's consumer devices (radios, televisions of various types, CD players, DVD players, hard drives, flash memory, etc.), in order to be able to understand and describe them scientifically.

SOCIAL STUDIES**WORLD HISTORY - 602****Credit 1**

World history will examine world history from the great ancient empires to present day events. The first semester will cover from Ancient empires to the Renaissance while second semester will cover the rise of modern nation to modern events.

HONORS WORLD HISTORY - 626 Credit 1**Prereq: Instructor approval**

This course is an accelerated version of the World History course described above, with a significant amount of additional reading and writing. Recommended for the able history student and the college bound.

U.S. HISTORY - 612**Credit 1**

The course will explore the evolution of America from the age of exploration to modern day American Events. The first semester of the course will cover to 1870 while the second semester will examine the United States from 1870 to present.

HONORS U.S. HISTORY - 625 Credit 1**Prereq: Instructor Approval**

This course is designed to be an introductory college level course, which details some of the significant historical events in the United States. Students will be expected to do a significant amount of reading & writing.

AP U.S. HISTORY – 627**Credit 1****Prereq: Instructor Approval**

This course is designed to be an introductory college level course, which details some of the significant historical events in the United States. The syllabus of the AP program will be the model for this course. Students will be expected to do a significant amount of reading and writing. Students **must** take the Advanced Placement Test, which will be administered in the month of May.

GOVERNMENT - 621**Credit 1/2****Prereq: U.S. History**

This course includes a background and history of the origin of our federal-type government, and examination of the branches, including the legislative process, etc., the course helps a student come to an understanding of the atmosphere in which governmental decisions are made and the mechanism through which these decisions are implemented. Political and social current events are an important part of this course.

AP GOVERNMENT – 623**Credit 1****Prereq: U.S. History & Instructor Approval**

Students will read extensively from original writings of the founding fathers and also from people who were directly involved in many of the issues that have shaped our government since the Constitution. Students should possess a firm grasp of our government's fundamental principles (from Government) and will – in this course – be expected to apply, analyze, synthesize and evaluate the many factors, personalities, and events that have created our unique system of government. The course syllabus will substantially follow the AP curriculum and therefore **must** take the Advanced Placement Test.

CURRENT HISTORY - 616**Credit 1/2****Prereq: U.S. History, Grades 11, 12**

Magazine and newspapers may be used to supplement the 20th Century Issues textbook. Must purchase as semester subscription. **Fee: \$12.00.**

PSYCHOLOGY - 618**Credit 1/2****Prereq: Junior Standing**

This is an introductory course in psychology, the science of the mind. Students will learn why people act and think and feel as they do. Major units will explore memory, thought processes, the development of personality and sensory psychology.

PREPARING FOR CITIZENSHIP THROUGH SERVICE LEARNING – 619 Credit 1/2 Grade 12

The 12th grade year serves as a capstone in which students apply the knowledge and skills that they have learned during previous grades. Preparing for Citizenship Through Service Learning allows students to choose topics to demonstrate skills necessary for active, effective citizenship. Students use knowledge of the rights and responsibilities of citizenship in order to examine and evaluate civic ideals and to participate in community life and the American democratic system. Students collect, organize, evaluate and synthesize information from multiple sources to draw logical conclusions. Students communicate this information using appropriate social studies terminology in oral, written or multimedia form and apply what they have learned to societal issues in simulated or real-world settings.

WORK AND FAMILY LIFE

***NOTE: ALL COURSES** are open to both males and females; please read prerequisites carefully. Service learning projects are included in the Work and Family Life curriculum.*

PARENTING - 228**Credit 1/2****Prereq: Grades 10-12**

This is an excellent class for helping students become good parents. Topics discussed are parenting readiness, parenting roles, prenatal health and development, labor and birth, post natal needs both parent and child, and developmental needs of children as they grow. **Class Fee \$10.00**

FAMILY LIVING - 223**Credit 1/2****Prereq: Grades 11-12**

A very practical class for males and females. The class deals with preparation for future life, including units on different lifestyles (i.e. marriage, single, divorce, etc.), family relationships, mate selection, planning a wedding, dealing with family stresses, conflict and crises (your first home, budgeting, settling conflicts), managing work and family roles and responsibilities and responding to social forces that influence families.

FITNESS AND NUTRITION - 227**Credit 1/2****Grades 10-12**

Students will study the effects of activities and food on health and lifestyle. Information about physical and nutritional preparation will be given, enabling a student to achieve his/her best physical potential. Each student will take personal fitness and nutritional assessment, participate in fitness activities, food projects, and be given the techniques necessary to obtain and maintain a healthy lifestyle. **Lab Fee: \$20.00**

FOOD CHOICES - 224**Credit 1/2****Prereq: Grades 10-12**

A combination of academic and lab work related to food choices, good health, food preparation, proper equipment use, safety and sanitation, and planning well-balanced meals. **Class Fee \$25.00**

ADVANCED FOOD CHOICES -229 **Credit 1/2** **Prereq: B in Food Choices & Instructor Approval**

This class is for the student who has a serious interest in food services, e.g.- those wanting to pursue a career as a chef, restaurant/hotel manager, or run a fast food or small business establishment. Areas covered will be advanced food techniques, foreign foods, specialty foods such as appetizer, soups, and salads, cake decorating and candy molding, catering, food presentation, menu planning, food costs, and careers in the food industry. **Class Fee \$30.00**

DESIGN AND FASHION – 225**Credit 1/2****Prereq: 10, 11, 12**

In this class students will learn to spruce up their wardrobe and closet. Interior decorating and clothing fashion are the topics. Projects will be directed by the principles and elements of design, the trends in fashion are the fun of accessories. Students may create a floor plan, make an accessory piece and/or sew a simple garment and try their hands at new design techniques. **Class Fee \$20.00 plus cost of special materials as needed.**

LIFE SKILLS - 220**Credit 1/2****Grades 9-10**

A practical combination of lab and classroom work, teaching basic useful life skills. Topics include: foods, clothing, consumer awareness and personal development. **Class Fee \$35.00**

INDEPENDENT LIVING– 226 (Formerly known as Survival Skills) **Credit 1/2****Grades 11-12**

This course is designed to give juniors and seniors preparation for living on their own. Topics include food preparation, clothing care, self-awareness, careers, budgeting skills and other practical living skills. **Class Fee \$35.00** *This course cannot be taken if student has already received credit from Life Skills.