

HIGH SCHOOL COURSE DESCRIPTION BOOK CHANGES FOR FALL 2009

BUSINESS DEPARTMENT

Correction - Business and Personal Law 2 (5062)

Prerequisite: *None*

ENGLISH DEPARTMENT

New Course - Other Voices in Literature (0132) – NEW COURSE

Grades 11-12, 1 semester, ½ credit, No retake. Prerequisite: None

Other Voices in Literature is designed for juniors and seniors who seek to broaden their exposure to literature. The novels in this course give voice to writers from a variety of cultures. Reading will occur both in class and at home; discussion and analysis will compose daily classes. Student writing styles and techniques will develop through an array of creative written responses. Students' close reading skills will be fostered. This course is ideal for students who love to read!

REVISED ENGLISH CHART

| | BASIC | | GENERAL | | COLLEGE BOUND | | HONORS | |
|---|--|------------------|--------------------|-------------------|-------------------------|---------------------|--------------------------|--------------------------|
| Grade 9 (Full Year Required) | 9 Basic Skills | | 9 Lit and Comp 1 | 9 Lit and Comp 2 | 9 Lit and Comp 1 | 9 Lit and Comp 2 | 9 Honors Lit and Comp 1 | 9 Honors Lit and Comp 2 |
| Grade 10 (Full Year Required) | 10 Basic Skills | | 10 Lit and Comp 1 | 10 Lit and Comp 2 | 10 Lit and Comp 1 | 10 Lit and Comp 2 | 10 Honors Lit and Comp 1 | 10 Honors Lit and Comp 2 |
| Grade 11 (Full Year Required) | 11 Basic Skills | | 11 General English | English Elective | 11 College Prep | 11 English Elective | 11 English-AP 1 | 11 English-AP 2 |
| Grade 12 (Full Year Required) | 12 General English or English Elective | English Elective | 12 General English | English Elective | 12 College Prep English | | 12 English-AP | |

ESL DEPARTMENT

Course Name Change – (0542 and 0552)

Current name: ELL Study Skills

New name: ELL Tutorial

This class helps ELLs (English Language Learners) to be more successful in their academic classes. Students work on individual assigned work with tutorial assistance. Emphasis is placed on improving English language proficiency while gaining the necessary skills to complete assignments and effectively access subject area information. Students become familiar with note taking, test preparation, personal organization, and time management. Graded G/H.

INDUSTRIAL TECHNOLOGY DEPARTMENT

New Course - Introduction to Computer Aided Design/CAD (7022)

Grades 9-10, 1 semester, ½ credit, No retake. Prerequisite: None

This class introduces drafting fundamentals which make up a language that is used in manufacturing and construction for communicating ideas and instruction in the design field. Autodesk products such as Auto-Cad, Inventor, Revit, and 3D Max will be taught. Emphasis is placed with a hands-on experience which will give students the skills needed to understand how a computer and CAD design software is used in the design process. Students will gain understanding of basic drafting skills and computer aided skills needed to communicate in the manufacturing, architectural, and design fields.

MATH DEPARTMENT

Revised Description - Trigonometry / Discrete Mathematics (3113)

Following Advanced Algebra, this course includes a semester of work with discrete mathematics topics. Content includes statistics and data analysis, probability, and combinatorics. The course also includes a study of trigonometry including functions, circle and triangle trigonometry, trigonometric applications, and polar coordinates. Completion of this course gives the student half of the state credit for Algebra 2.

Revised Description - Precalculus (3233)

This course follows Trigonometry / Discrete Mathematics. It extends the function ideas of Advanced Algebra and trigonometry. Content includes coordinate geometry of points, lines, and conic sections, inequalities and their graphs, exponents and logarithms, trigonometric functions, graphs of functions and solving equations and inequalities. This course also includes vectors and determinants, matrices and networks, recursion, sequences and series, limits, and an introduction to calculus.

PHYSICAL EDUCATION DEPARTMENT

Course Name Change – (6162)

Current Name - Beginning Contemporary Dance

New Name - Exercise and Life-long Fitness (6162)

Grades 9-12, 1 semester, ½ credit, Retake. Prerequisite: None

This course is designed to provide the student with physical fitness through creative movement. Students will learn skills and techniques that will enable them to engage in life-long fitness activities.

SCIENCE DEPARTMENT

New Course - Science Seminar (4023)

Grades 11-12, 2 semesters, 1 credit, No retake. Prerequisite: None

Students will explore ways that chemistry and earth science relate to their everyday lives. Among other things, students will plan a campaign to save the environment, find alternate sources of energy to operate a car or home, compare and contrast different soaps or personal care products, plan a garden, investigate kitchen science, and *plan* a visit to a national park.

SOCIAL STUDIES DEPARTMENT

New Course - Human Geography – AP (THS only) (2503)

Grade 9, 2 semesters, ½ credit per semester, No Retake. Prerequisite: Concurrently enrolled in 9th grade Honors English.

Students enrolling can opt out of 9th grade Government/Civics and take AP Government to fulfill Government/Civics requirement.

The AP Human Geography course will prepare students for the advanced placement test which may entitle the student to college waivers/credit. The purpose of the course is to introduce students to the systematic study of patterns and processes that have shaped understanding, use, and alteration of the earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

New Course - Human Geography – AP (AHS only) (2502)

Grade 9, 1 semester, ½ credit, No Retake. Prerequisite: Concurrently enrolled in 9th grade Government/Civics, English/Social Studies teacher recommendation, and average grade of B or better.

The AP Human Geography course will prepare students for the advanced placement test which may entitle the student to college waivers/credit. The purpose of the course is to introduce students to the systematic study of patterns and processes that have shaped understanding, use, and alteration of the earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Correction - PSYCHOLOGY - AP (2163)

2 semesters, ½ credit per semester, No Retake. Prerequisite: *None*