

## FRESHMEN ACADEMIC COURSE OPTIONS

### **LANGUAGE ARTS:**

#### **LANGUAGE ARTS I**

**Grade Level:** 9

**Prerequisite:** None

|                          |                          |                            |
|--------------------------|--------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Language Arts</b> | <b>UC/CSU Approved "B"</b> |
|--------------------------|--------------------------|----------------------------|

Study will encompass the four areas of communication: reading, writing, speaking, and listening. Students will read both classical and contemporary works (of many genres). Focusing on the writing process, students will write personal narrative essays, informative and argumentative papers. Students will speak in a variety of situations that include group presentations. Students will demonstrate competency in active listening through note taking and other related activities.

#### **LANGUAGE ARTS I – ADVANCED**

**Grade Level:** 9

**Prerequisite:** Grade of "B+" or higher in 8<sup>th</sup> grade Language Arts class.

|                          |                          |                            |
|--------------------------|--------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Language Arts</b> | <b>UC/CSU Approved "B"</b> |
|--------------------------|--------------------------|----------------------------|

This is an advanced course that exercises and expands all four realms of language arts: reading, writing, speaking and listening. Literary analysis and criticism will be studied with depth and complexity at an accelerated pace. The expectation for students who choose to enroll in this class is that they are serious four-year college bound students. Work habits and academic performance are expected to exceed that of students in the college prep English classes.

### **MATHEMATICS:**

#### **INTEGRATED I**

**Grade Level:** 9-12

**Prerequisite:** None

|                          |                        |                            |
|--------------------------|------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Mathematics</b> | <b>UC/CSU Approved "C"</b> |
|--------------------------|------------------------|----------------------------|

This course is the entry-level mathematics course at WHS. Topics covered include functions, transformations, modeling two variable data, sequences, systems of linear equations, congruence, coordinate geometry, exponential functions, and inequalities.

#### **INTEGRATED II**

**Grade Level:** 9-12

**Prerequisite:** Integrated I. (Grade of "C" or higher in Integ Math 1).

|                          |                        |                            |
|--------------------------|------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Mathematics</b> | <b>UC/CSU Approved "C"</b> |
|--------------------------|------------------------|----------------------------|

This course is for students who have completed Integrated I. Topics covered include, reasoning, angles, similarity, right triangles, probability, trigonometry, factoring, quadratic functions and equations, proof, quadrilaterals, polygons, circles, inequalities, functions, and solids.

**SCIENCE:****BIOLOGY****Grade Level: 9**

|                          |                             |                            |
|--------------------------|-----------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Science Elective</b> | <b>UC/CSU Approved "D"</b> |
|--------------------------|-----------------------------|----------------------------|

This laboratory science course studies the main concepts of biology with emphasis on the following: introduction to biochemistry, the cell, genetics, evolution and physiology.

**SOCIAL STUDIES:****WORLD CULTURAL GEOGRAPHY****Grade Level: 9****Prerequisite: None**

|                          |                           |
|--------------------------|---------------------------|
| <b>Requirements Met:</b> | <b>WHS Social Science</b> |
|--------------------------|---------------------------|

This introductory course is designed to explore the physical and cultural aspects of our world. It is a year-long course with first semester emphasizing freshmen strategies for success and computer literacy. In order to maintain support during the first semester, freshmen are assigned a Senior Mentor to guide and monitor their progress. Second semester, study is divided among the major regions of the earth. The course is intended to help students develop a geographic perspective of the world through a study of Themes of Geography, the Elements of Culture, and the Issues of Global Concern.

**ADVANCED WORLD CULTURAL GEOGRAPHY****Grade Level: 9****Prerequisite: A grade of "B" or higher in 8th grade Social Studies and Language Arts. No summer reading is required.****Recommended: Enrollment in Advanced Language Arts I****Supply requirements: Please refer to the WHS website for current supply requirement information**

|                          |                           |                            |
|--------------------------|---------------------------|----------------------------|
| <b>Requirements Met:</b> | <b>WHS Social Science</b> | <b>UC/CSU Approved "A"</b> |
|--------------------------|---------------------------|----------------------------|

Advanced Geography is a year-long introductory course into the rigors of AP which is designed to explore the physical and cultural aspects of our world. Study is divided among the major regions of the world. The depth of the course will be achieved by focusing on past struggles and the contemporary issues affecting the regions. Critical issues such as religion, war, resources, and population will be addressed and analyzed. These issues will be addressed as it relates to current events. In addition to the Geography content the student will be prepared for computer presentations, report formatting, and research via the computer. Students enrolled in this course need not complete Computer Literacy, as this course satisfies the Geog./Comp. Lit. requirement. In order to maintain support during the first semester, freshmen are assigned a Senior Mentor to guide and monitor their progress.