

JUNIOR COURSE SELECTION

Selections must add up to 36 Credits:

18 Shop Credits, 3 English Credits (1 course), 6 Senior Related Credits (2 Courses),
3 Math Credits (1 Course), 3 Science Credits (1 Course), 3 History Credits (1 Course)

- CVTE SHOP-Mandatory
- English 11-Mandatory
- Algebra II-Mandatory
- Chemistry or Physical Science- Mandatory
 - Students must choose 1. (Please Read Course Description and Requirements)
- World History I (CP, Honors) or World History II (CP, Honors)
 - Students must choose 1. (Please Read Course Descriptions)
- 2 CVTE Shop Related Courses-Mandatory

Honors Chemistry (Lab)	<p>This course in the science honors program designed to challenge motivated and independent science students who wish to prepare themselves for college. This rigorously paced college preparatory course requires thoughtful analysis, synthesis of a great number of concepts including atomic structure, chemical equations, the periodic table, chemical bonding, stoichiometry, gases, solutions, kinetics, thermodynamics and nuclear chemistry with an understanding of algebra. Students are expected to complete longer and more complex assignments nightly as well as outside of class. Strong organizational skills including time-management are required for success in this course. This is a required course for students who complete Honors Biology I and II. The prerequisite for this course is an 80 or higher in Honors Biology (Lab) and a 70 or higher in Geometry. Students who successfully complete this course with a grade above 70 will be eligible to select Honors Physics for twelfth grade. Students who have difficulty in this class are encouraged to work after school with the teacher or request further support from the science department head.</p> <p>Note: A student earning a term average of 70 or below will be required to meet with the Science Department Head in order to discuss his/her commitment to the Honors program with a possible result of removal from the science honors program. Students who have difficulty in this class are encouraged to work after school with the teacher or request further support from the science department head.</p>
CP Chemistry	<p>This challenging college preparatory course is designed to aid students in further developing the skills they will need to be successful in college. An understanding of Algebra is necessary to be successful in this course. Students will be expected to perform experiments, master proper lab techniques, write detailed lab reports, solve problems, complete homework on a nightly basis and make presentations. Areas of study include atomic structure, chemical equations, the periodic table, chemical bonds, stoichiometry and gases. The prerequisite for this course is an 70 or higher in Biology (Lab) and a 70 or higher in Geometry. Students who have difficulty in this class are encouraged to work after school with the teacher or request further support from the science department head.</p>
CP Physical Science	<p>This college preparatory course is designed to aid students in further developing the skills they will need to be successful in college. An understanding of Algebra is necessary to be successful in this course. This course is designed for students who plan to attend college or technical school after graduation. Students will be introduced to the study of motion, electricity, magnetism, the periodic table, states of matter and chemical reactions. Students will learn to apply algebraic concepts to scientific principles to better understand the physical world.</p>
CP World History I	<p>World History I is a multicultural course that provides students with the opportunity to expand their understanding and appreciation of world cultures and traditions. This course inspires students to learn about past civilizations while gaining an interest in being a citizen of the world. Students study the development of world civilizations after the fall of the Roman Empire. Students study the history of the major empires and political entities of this period: the Ottoman Empire, the Moghul Empire, the Chinese dynasties, the Byzantine Empire, and the major pre-Colombian civilizations that existed in Central and South America. Students examine the important political, economic, and religious developments of this period, including</p>

	the development of democratic, scientific, and secular thought in the major events and developments of European history. To the extent practical, students study the origins and development of major civilizations in Africa, India, and East Asia.
Honors World History I	This course, which mirrors the content provided in College Prep World History I, emphasizes writing, analysis of primary and secondary sources, and articulate discussions of challenging materials, within a blended classroom setting. This course is offered to students who have demonstrated advanced skills in reading and writing and have previously enrolled in the Social Studies honors courses. Students not previously enrolled in the honors courses program will need approval from the academic department head. Students who are planning to enroll in the department Advanced Placement courses their senior year are encouraged to select this course.
CP World History II	Students study the rise of the nation state in Europe, the French Revolution, and the economic and political roots of the modern world. They will study the origins and the consequences of the Industrial Revolution, 19 th century political reforms in Europe, and imperialism in Africa, Asia, and South America. They will examine the causes and consequences of the great military and economic events of the past century, including World War I, the Great Depression, World War II, the Cold War, and the Russian and Chinese revolutions. Students will also study the rise of nationalism and the continuing political, ethnic, and religious conflicts in many parts of the world.
Honors World History II	This course, which mirrors the content provided in College Prep-World History II, emphasizes writing, analysis of primary and secondary sources, and articulate discussions of challenging materials, within a blended classroom setting. Students will demonstrate and master their skills through a capstone and/or extensive research-based class projects. This course is offered to students who have demonstrated advanced skills in reading and writing and have been previously enrolled in Social Studies honors courses. Students not previously enrolled in the honors courses program will need approval from the academic department head.