

Course Descriptions for WCHS Air Force JROTC

Aerospace Studies introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program through three components: Leadership Education, Aerospace Science and Wellness.

Leadership Education contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; individual self-control; and citizenship. Cadets further progress through the AFJROTC program with focus on introducing students to the finer aspects of communication, awareness, and leadership; helping students in deciding which path to take after high school; providing information about financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap; and providing cadets exposure to the fundamentals of management through the study of ethical dilemmas, case studies, and role play activities based on real life experiences.

In Aerospace Science, cadets explore aviation history, focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation and the development, modernization, and transformation of the Air Force. In addition, cadets focus on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. Cadets also explore how history, geography, religion, economics, and politics combine to create unique and diverse cultures in various regions of the world; and cadets study the history of space science and space exploration from the earliest days of interest in astronomy to the latest advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space.

Wellness covers multiple health and wellness issues impacting students and includes one class period a week of physical fitness to strengthen the body and develop teamwork.

There is a one-time \$20.00 lab fee that covers a uniform polo shirt for cadets new to the program.

Management of the Corps. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills. **Management of the Corps** is limited to cadets in the senior grade, AS-3 and above. Senior Aerospace Science Instructor approval required before registration.

AFJROTC Honors. The honors program is designed for cadets to demonstrate essential skills through reading, writing, speaking, production, and/or performance. Skills in analysis, logic, and creativity will also be showcased through successful completion of this program. **AFJROTC Honors** is limited to cadets in the junior and senior grade, AS-3 and above, with a minimum 3.5 average GPA in JROTC and overall school GPA of 3.0 or higher. Senior Aerospace Science Instructor approval required before registration.