

JROTC

(1 Science Elective Credit per Semester)

The Air Force Junior Reserve Officers' Training Corps (AFJROTC) program at DeWitt Clinton (DWC) High School is grounded in the Air Force core values of integrity first, service before self, and excellence in all we do. The curriculum emphasizes the Air Force heritage and traditions, the development of flight, applied flight sciences, military aerospace policies, and space exploration. Air Force JROTC provides its students with the tools for success after high school regardless of career path.

Co-curricular activities are an important part of DWC's Air Force JROTC program. They serve to augment Air Force JROTC classroom and Leadership Education requirements. Cadets participate in the Cadet Leadership School (CLC), drill meets, field trips, parades, a military ball/dining-out, model rocketry program, and the Kitty Hawk Air Society program.

AFJROTC requires cadets to wear a uniform similar to the Air Force uniform once a week as part of a graded requirement; the only distinction being the ranks and recognition medals cadets wear compared to active Air Force service members. Uniforms are provided to cadets at no charge, but they must return the uniform when they are no longer in the AFJROTC program. AFJROTC requires each cadet to be physically fit to participate in the Health and Wellness curriculum. Cadets are considered physically fit if they are qualified for the regular DeWitt Clinton High School physical education program.

AEROSPACE SCIENCE I

The first year of JROTC is designed to acquaint students with the history of the military. Students learn about the development of military and civilian flight, ranging from ancient legends to the modern space shuttle. Students are given hands-on training in building and flying rockets and model airplanes. Field trips feature orientation flights on aircraft in local military installations. Additionally, encampments emphasize the importance of leadership training, proper discipline, and the development of technical knowledge. Students are introduced to discipline habits, which include wearing of the uniform, study habits, time management, Air Force customs and courtesies, and basic drill and ceremony procedures.

AEROSPACE SCIENCE II

The second year of JROTC includes this science course designed to acquaint students with the aerospace environment, the principles of flight and navigation, and human limitations of flight. The course begins with a study of the atmosphere and weather, and it is later expanded to include a study of the planets and space beyond our solar system. Students study the environmental effects on flight; topics covered include the forces of lift, drag, thrust, and weight. Students learn basic navigation, including map reading and course plotting. They practice learned skills through orientation flights and field trips in training facilities. This course works to develop the student as an individual, and leadership hours stress communication skills and cadet corps activities. Cadets are encouraged to hold positions of greater responsibility in the planning and execution of corps projects.

AEROSPACE SCIENCE III

As well as building on the topics explored in Aerospace Science I and II, cadets also learn about space environment and systems. They explore the history of space flight and exploration. They learn about space technology and space flight.

AEROSPACE SCIENCE IV

This course builds upon all of the skills acquired in the previous courses. In addition students learn management skills that they can use for the rest of their school career, in their personal lives and in the workplace.

LEADERSHIP EDUCATION I

Students are introduced to customs and courtesies cadets are expected to follow. Cadets learn not only how to be good followers, but also how to be great leaders. Cadets also continue to learn proper drill and ceremony techniques.

LEADERSHIP EDUCATION II

Cadets study the dynamics of human behavior. Students also hone their communication skills, both written and verbal. They explore basic leadership concepts. Cadets also continue to build their knowledge of proper drill and ceremony techniques.

LEADERSHIP EDUCATION III

This course introduces the cadets to different stress management techniques. The cadets are exposed to financial management plans and good practices. Finally, they explore the concepts of proper decision making.

LEADERSHIP EDUCATION IV

In this senior course the cadets prepare for post-secondary school life. They write college entrance essays, complete college admission applications, conduct job searches, explore different career opportunities, and submit scholarship request applications.

WELLNESS PROGRAM (PHYSICAL TRAINING)

Fitness is an important part of the Air Force JROTC curriculum. All cadets are expected to participate in designated Physical Training (PT) day(s), which can consist of various activities including calisthenics, weight training, running, sprint intervals, plyometric, fit course, etc. PT is the most essential part of our Health & Wellness curriculum. Fitness testing is conducted at the end of the school year to measure improvement in strength, agility, endurance, and flexibility.