AEROSPACE STUDIES (AERO)

AERO 1010 LEADERSHIP LABORATORY (0 credits)
Leadership Laboratory courses (LLABs) include a study of Air Force customs and courtesies, drill and ceremonies, and military commands. The LLAB also includes studying the environment of an Air Force officer and learning about areas of opportunity available to commissioned officers. During the junior and senior year, LLABs consist of activities classified as leadership and management experiences. They involve the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and other oral and written communications. LLABs also include interviews, guidance, and information that will increase the understanding, motivation, and performance of other cadets.

AERO 1310 FOUNDATIONS OF UNITED STATES AIR FORCE I (1 credit)
Survey courses designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include: mission and organization of the Air Force, officerhood and professionalism, military customs and courtesies, Air Force officer opportunities, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences. (Fall)

AERO 1320 FOUNDATIONS OF UNITED STATES AIR FORCE II (1 credit)
Survey courses designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include: mission and organization of the Air Force, officerhood and professionalism, military customs and courtesies, Air Force officer opportunities, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences. (Spring)

AERO 2310 THE EVOLUTION OF USAF AIR AND SPACE POWER I (1 credit)
The courses are designed to examine general aspects of air and space power through a historical perspective. Utilizing this perspective, the courses cover a time period from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War. Historical examples are provided to extrapolate the development of Air Force capabilities (competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the courses examine several fundamental truths associated with war in the third dimension: e.g. Principles of War and Tenets of Air and Space Power. As a whole, these courses provide students with a knowledge level understanding for the general element and employment of air and space power, from an institutional, doctrinal, and historical perspective. In addition, the students will continue to discuss the importance of the Air Force Core Values with the use of operational examples and historical Air Force leaders and will continue to develop their communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences. (Spring)

AERO 2320 THE EVOLUTION OF USAF AIR AND SPACE POWER II (1 credit)
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AERO 3110 AIR FORCE LEADERSHIP STUDIES I (3 credits)
A study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course. (Fall)

AERO 3120 AIR FORCE LEADERSHIP STUDIES II (3 credits)
A study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course. (Spring)

AERO 4110 NATIONAL SECURITY AFFAIRS/PREPARATION FOR ACTIVE DUTY, I (3 credits)
These courses examine the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officerhood, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences, giving students the opportunity to apply the leadership and management principles of this course. (Fall)

Prerequisite(s)/Corequisite(s): AERO 1310 and AERO 3120 or permission of instructor.
AERO 4120  NATIONAL SECURITY AFFAIRS/PREPARATION FOR
ACTIVE DUTY, II (3 credits)
These courses examine the national security process, regional studies,
advanced leadership ethics, and Air Force doctrine. Special topics of
interest focus on the military as a profession, officerism, military justice,
civilian control of the military, preparation for active duty, and current
issues affecting military professionalism. Within this structure, continued
emphasis is given to refining communication skills. A mandatory Leadership
Laboratory complements this course by providing advanced leadership
experiences, giving students the opportunity to apply the leadership and
management principles of this course. (Spring)
Prerequisite(s)/Corequisite(s): AERO 3110 and 3120 or permission of
instructor.