

Undergraduate Course Descriptions

Effective Fall 2009

Air Force ROTC

AF 0120 - Physical Conditioning

Activities that promote physical conditioning. Emphasis is on individual conditioning through strength and aerobic training and team sports such as ultimate frisbee and football. Offered the first and last half of fall and spring semesters. May be used once as a general education co-curricular course. Sports physical required prior to start of class (contact instructor for details).

Credits: 0.5; Repeatable to a Max of 1; Graded Pass/Fail Only

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Fall, Spring

AF 0130 - Air Force Elite Forces Workout

An intense workout program that develops personal physical fitness and self-confidence. Workouts include an elite U.S. Military special operations training. Basic swimming skills required.

Credits: 1.0; May be repeated; Graded Pass/Fail Only

Lec-Rec-Lab: (0-0-2)

Semesters Offered: On Demand

Restrictions: Permission of instructor required

AF 0230 - Precision Drill Team

Techniques and skills involved in precision drill movements, including marching, rifle spinning, ceremonial sabre handling, and color guard performance. Each student must have or purchase an appropriate drill-team uniform. Offered first and second half of fall and spring semesters. May be used once as a general education co-curricular course. Non-cadets are required to provide a uniform cleaning deposit and purchase some non-returnable uniform items.

Credits: 0.5; Repeatable to a Max of 1; Graded Pass/Fail Only

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Fall

AF 0340 - Field Training

A rigorous program of physical conditioning, team activities, and survival training. Offered the summer semester after acceptance into the Field Training program. Course completed off campus.

Credits: 1.0; Graded Pass/Fail Only

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Summer

Restrictions: Permission of instructor required

AF 1001 - Foundations of US Air Force I

Introduces students to the USAF and ROTC. Topics include Air Force mission and organization, officership, professionalism, military customs and courtesies, officer opportunities, and communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

Credits: 1.0

Lec-Rec-Lab: (0-1-2)

Semesters Offered: Fall

AF 1002 - Foundations of US Air Force II

Introduces students to the USAF and ROTC. Topics include Air Force mission, organizations, officership, professionalism, military customs, courtesies, officer opportunities, and communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

Credits: 1.0

Lec-Rec-Lab: (0-1-2)

Semesters Offered: Spring

AF 1300 - Basic Aeronautics

Examines aircraft systems and instrumentation, aerodynamics, aircraft performance, VFR cross-country navigation techniques, and weather reports and forecasts. Includes the Federal Aviation Regulations and aviation physiology. At the end of this course, students will have received the aeronautical knowledge necessary for certification as a private pilot.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: On Demand

Restrictions: Permission of instructor required

AF 2001 - History of US Air & Space Power I

This course examines the history of United States air and space power from the first balloons and dirigibles up to the Korean War through key events and personalities. The course looks at United States air and space power in the context of the international political scene in war and peace. The role of women and minorities in the evolution of United States air and space power is highlighted.

Credits: 1.0

Lec-Rec-Lab: (0-1-2)

Semesters Offered: Fall

AF 2002 - History of US Air & Space Power II

This course examines the history of United States air and space power from post-Korean War to the present through key events and personalities. The course looks at United States air and space power in the context of the international political scene in war and peace. The role of women and minorities in the evolution of United States air and space power is highlighted.

Credits: 1.0

Lec-Rec-Lab: (0-1-2)

Semesters Offered: Spring

AF 3001 - Leadership Studies I

Study and practice of leadership in civilian and military organizations. Topics include leadership principles, problem solving, management fundamentals, counseling, motivation, mentoring, and effective communication. Various leadership theories are discussed. The course includes discussion, informal lecture, case studies, self-evaluation of leadership traits, and experiential exercises.

Credits: 3.0

Lec-Rec-Lab: (0-3-1)

Semesters Offered: Fall

Restrictions: May not be enrolled in one of the following Class(es):

Freshman, Sophomore

AF 3002 - Leadership Studies II

Study of leadership in civilian and military institutions. Topics include officership, team building, feedback, Air Force evaluation systems, leadership ethics, professional relations, and communication skills. The course includes discussion, informal lecture, case studies, and experiential exercises.

Credits: 3.0

Lec-Rec-Lab: (0-3-1)

Semesters Offered: Spring

Restrictions: May not be enrolled in one of the following Class(es):

Freshman, Sophomore

AF 4001 - National Security Affairs I

This course is designed to develop an understanding of the nature of conflict and how the United States military forces are developed, organized, and employed. Topics include the need for national security, the evolution and formulation of American defense policy and strategy, the origins of regional security issues, and joint doctrine.

Credits: 3.0

Lec-Rec-Lab: (0-3-1)

Semesters Offered: Fall

Restrictions: May not be enrolled in one of the following Class(es):

Freshman, Sophomore

AF 4002 - National Security Affairs II

This course examines selected roles of the military in society, unconventional warfare, current issues affecting the military profession, and the military justice system. Special topics of interest focus on information warfare, the law of armed conflict, the military as a profession, and officership.

Credits: 3.0

Lec-Rec-Lab: (0-3-1)

Semesters Offered: Spring

Restrictions: May not be enrolled in one of the following Class(es):

Freshman, Sophomore