

AEROSPACE STUDIES

Courses

AERO 1111 United States Air Force Heritage and Values I

Description: This course allows students to examine general aspects of the Air Force, leadership, benefits, and opportunities for AF officers. As a foundational course, AERO 1111 also provides a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower. This provides students with a knowledge-level understanding of the Air Force way of life and the employment of air and space power, from an institutional, doctrinal, and historical perspective.

Credit hours: 1

Contact hours: Lecture: 1 Lab: 0 Contact: 1

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 1211 United States Air Force Heritage and Values II

Description: Continuation of the knowledge-level instruction of the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the Air Force way of life and gain knowledge on what it means to be an Airman.

Credit hours: 1

Contact hours: Lecture: 0 Lab: 1 Contact: 2

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 2111 Team and Leadership Fundamentals I

Description: This course is designed to provide a fundamental understanding of both leadership and team building. Topics include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Cadets will apply these lessons at Field Training, which follows the AS200 year.

Credit hours: 1

Contact hours: Lecture: 1 Lab: 0 Contact: 1

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 2211 Team and Leadership Fundamentals II

Description: This course builds on the fundamental understanding of both leadership and team building. Topics include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Cadets will apply these lessons at Field Training, which follows the AS200 year.

Credit hours: 1

Contact hours: Lecture: 1 Lab: 0 Contact: 1

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 3103 Leading People and Effective Communication I

Description: This course designed to build on the leadership fundamentals taught in AERO 2X11. The cadets will have the opportunity to utilize their skills as they begin more of a leadership in the detachment. The goal is for cadets to have a more in-depth understanding of how to effectively lead people, and provide them with the tools to use throughout their detachment leadership roles. Secondly, students will hone their writing and briefing skills. The course continues into advanced skills and ethics training to prepare them for becoming an officer and a supervisor in the United States Air Force.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 3203 Leading People and Effective Communication II

Description: "Leading People and Effective Communication" utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out leadership and management techniques in a supervised environment as juniors and seniors.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 3504 Field Training Encampment Program

Prerequisites: Consent of professor of aerospace studies.

Description: Practical training on an Air Force base. Junior officer training, familiarization training in most functional aspects of a typical Air Force base. Includes career orientation, small arms firing, flight orientation rides, and survival training.

Credit hours: 4

Contact hours: Lecture: 4 Contact: 4

Levels: Undergraduate

Schedule types: Lecture

Department/School: Aerospace Studies

AERO 4103 National Security, Leadership Responsibilities and Commissioning Preparation I

Description: The formulation, organization and context of national - security; civil-military interaction and the evolution of strategy. Review of the military profession and officership. The AS400 cadet should comprehend the basic elements of national security policy and process. The student should comprehend the air and space power operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 4203 National Security, Leadership Responsibilities and Commissioning Preparation II

Description: Students are instructed on the responsibility, authority, and functions on an Air Force commander and selected provisions of the military justice system. The final semester of the AS400 course is designed to prepare cadets for life as a second lieutenant. "National Security and Preparation for Active-Duty" is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security.

Credit hours: 3

Contact hours: Lecture: 2 Lab: 2 Contact: 4

Levels: Undergraduate

Schedule types: Lab, Lecture, Combined lecture and lab

Department/School: Aerospace Studies

AERO 4402 Summer Professional Development Training Program

Prerequisites: Consent of professor of aerospace studies.

Description: Students spend from two to three weeks on an Air Force base working in their intended specialty under supervision of experienced officer. Leadership and management principles applied to day-to-day experiences.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Aerospace Studies