

# AEROSPACE STUDIES - AIR FORCE (AERO)

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## AERO 1111 Foundations of the US Air Force I

**Description:** Doctrine, mission and organization of the United States Air Force through a study of the total force structure, strategic offensive and defensive forces, general purpose forces and aerospace support forces.

**Credit hours:** 1

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

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 1211 Foundations of the US Air Force II

**Description:** Continuation of the doctrine, mission and organization of the United States Air Force; review of Army, Navy, and Marine general purpose forces.

**Credit hours:** 1

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

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 2111 Evolution of US Air Force Air and Space Power I

**Description:** Growth and development of aerospace power through history beginning with first manned flights and continuing through World War II.

**Credit hours:** 1

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

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 2211 Air Power History II

**Description:** Development and growth of aerospace power from the period following World War II through the Vietnam conflict; concepts of peaceful deployment of US air power.

**Credit hours:** 1

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

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 3103 Air Force Leadership Studies I

**Description:** The study of the fundamental leadership, management, and communication skills required of an Air Force junior officer. Basic managerial processes, management of forces in changing environments, organizational power, politics, and managerial strategy and tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 3203 Air Force Leadership Studies II

**Description:** The application of leadership, management, and communication skills required of an Air Force junior officer. The individual as a leader in the Air Force environment, individual, motivational, and behavioral processes, group dynamics, leader and management ethics, counseling and evaluating are discussed.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2

**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

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Aerospace Studies

## AERO 4103 National Security Affairs 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.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Aerospace Studies

## AERO 4203 National Security Affairs II

**Description:** Strategy and management of conflict; implementation of national security and regional world issues. Review of societal issues in the military profession and the military justice system.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2

**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

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Aerospace Studies

**AERO 4554 Introductory Flight Training Program**

**Prerequisites:** Consent of professor of aerospace studies.

**Description:** Academic and flying phase. Flight characteristics, meteorology, navigation, FAA regulations, and radio procedures.

**Credit hours:** 4

**Contact hours:** Lecture: 4

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Aerospace Studies