

# AEROSPACE STUDIES (AERO)

## AERO 185 Foundation of the United States Air Force I

**Prerequisites:** Must enroll in both AERO 185 (lecture) and AERO 185L (lab)

**Description:** Officership, communication skills, opportunities, and benefits in today's US Air Force. A weekly one and one-half hour Leadership Lab consists of Air Force customs and courtesies, Air Force environment, drill and ceremonies.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** LEC

**Groups:** General Military Course

## AERO 185L Leadership Laboratory

**Prerequisites:** Must enroll in both AERO 185 (lecture) and AERO 185L (lab)

**Notes:** Successful completion of this course is required for commissioning.

**Description:** Increasing students' knowledge of Air Force uniform wear, customs, and active duty opportunities.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** General Military Course

## AERO 186 Foundation of the United States Air Force II

**Prerequisites:** Must enroll in both AERO 186 (lecture) and AERO 186L (lab)

**Description:** Communication and leadership skills, US Military history, and the organizational structure of today's US Air Force. A weekly one and one-half hour Leadership Lab consists of Air Force customs and courtesies, Air Force environment, drill and ceremonies.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Format:** LEC

**Prerequisite for:** AERO 295

**Groups:** General Military Course

## AERO 186L Leadership Laboratory

**Prerequisites:** Must also enroll in both AERO 186 (lecture) and AERO 186L (lab)

**Description:** Increasing students' knowledge of Air Force uniform wear, customs, and active duty opportunities.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** General Military Course

## AERO 295 The Evolution of US Air and Space Power I

**Prerequisites:** AERO 186

**Description:** History of the development and deployment of airpower from the Wright Brothers' first flight to the Persian Gulf War and how the events were affected by technology, politics, doctrine, and geography. Emphasizes US airpower.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**Prerequisite for:** AERO 296

**Groups:** General Military Course

## AERO 295L Leadership Laboratory

**Prerequisites:** Must enroll in both AERO 295 (lecture) and AERO 295L (lab)

**Description:** Introduction to cadet leadership training. Practical experience in leadership roles.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** General Military Course

## AERO 296 The Evolution of US Air and Space Power II

**Prerequisites:** AERO 295 or permission

**Description:** History of the development and deployment of airpower from the Wright Brothers' first flight to the Persian Gulf War and how the events were affected by technology, politics, doctrine, and geography. Emphasizes US airpower.

**Credit Hours:** 2

**Max credits per semester:** 2

**Max credits per degree:** 2

**Format:** LEC

**Groups:** General Military Course

## AERO 296L Leadership Laboratory

**Prerequisites:** Must enroll in both AERO 296 (lecture) and AERO 296L (lab)

**Description:** Introduction to cadet leadership training. Practical experience in leadership roles.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** General Military Course

## AERO 331 Air Force Leadership Studies I

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

**Description:** Communications skills, leadership, quality initiatives, and human relations. Requires cadet research and participation in the instructional process.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** AERO 441; AERO 442

**Groups:** Professional Officer Course

**AERO 331L Leadership Laboratory**

**Prerequisites:** Must enroll in both AERO 331 (lecture) and AERO 331L (lab)

**Description:** Practical application of the principles of leadership in the operation and administration of the cadet wing.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** Professional Officer Course

**AERO 332 Air Force Leadership Studies II**

**Prerequisites:** AERO 331, or permission of professor of aerospace studies.

**Description:** Principles of leadership, professionalism, ethics, communications skills, and problem solving, including quality leadership applications.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** AERO 441; AERO 442

**Groups:** Professional Officer Course

**AERO 332L Leadership Laboratory**

**Prerequisites:** Must enroll in both AERO 332 (lecture) and AERO 332L (lab)

**Description:** Practical application of the principles of leadership in the operation and administration of the cadet wing.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** Professional Officer Course

**AERO 441 National Security Affairs and Preparation for Active Duty I**

**Prerequisites:** AERO 331, 332, or permission of professor of aerospace studies.

**Description:** Environment in which defense policy is formulated. Requisites for maintaining adequate national security forces; political, economic, and social constraints of the national defense structure; and the overall defense policymaking process.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Prerequisite for:** AERO 442

**Groups:** Professional Officer Course

**AERO 441L Leadership Laboratory**

**Description:** Practical application of the principles of leadership and experience in the operation and administration of the cadet wing.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** Professional Officer Course

**AERO 442 National Security Affairs and Preparation for Active Duty II**

**Prerequisites:** AERO 331, AERO 332, and AERO 441 or permission of professor of aerospace studies.

**Description:** The armed forces as an integral element of society; the broad range of civil-military relations. The role of the professional officer in a democratic society, the socialization process within the armed services, and the military justice system.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Format:** LEC

**Groups:** Professional Officer Course

**AERO 442L Leadership Laboratory**

**Prerequisites:** Must enroll in both AERO 442 (lecture) and AERO 442L (lab)

**Description:** Practical application of the principles of leadership and experience in the operation and administration of the cadet wing.

**Credit Hours:** 0

**Max credits per semester:**

**Max credits per degree:**

**Format:** LAB

**Groups:** Professional Officer Course