

AEROSPACE STUDIES (AERO)

AERO 185 Heritage and Values 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

Grading Option: Graded

Prerequisite for: AERO 285; AERO 286

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:

Grading Option: Pass No Pass

Groups: General Military Course

AERO 186 Heritage and Values 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

Grading Option: Graded

Prerequisite for: AERO 285; AERO 286

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:

Grading Option: Pass No Pass

Groups: General Military Course

AERO 285 Team and Leadership Fundamentals I

Prerequisites: AERO 185 and AERO 186

Description: Establishes the foundation for both leadership and team building skills to include listening, followership, and problem solving efficiently. Practice and demonstrate basic verbal and written communication skills along with self-reflection and self assessments.

Credit Hours: 2

Max credits per semester: 2

Max credits per degree: 2

Grading Option: Graded with Option

Prerequisite for: AERO 286

Groups: General Military Course

AERO 285L Leadership Laboratory I

Prerequisites: Must enroll in AERO 285

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

Credit Hours: 0

Max credits per semester:

Max credits per degree:

Grading Option: Pass No Pass

Groups: General Military Course

AERO 286 Team and Leadership Fundamentals II

Prerequisites: AERO 185, AERO 186, and AERO 285

Description: Builds on the topics established in AERO 285, with a focus on teams, conflict management, stress management and resiliency, and further development of verbal and written communication skills. Continued self-reflection will be required in order to increase both followership and leadership skills.

Credit Hours: 2

Max credits per semester: 2

Max credits per degree: 2

Grading Option: Graded with Option

Groups: General Military Course

AERO 286L Leadership Laboratory II

Prerequisites: Must also enroll in AERO 286

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

Credit Hours: 0

Max credits per semester:

Max credits per degree:

Grading Option: Pass No Pass

Groups: General Military Course

AERO 331 Leading People and Effective Communication 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

Grading Option: Graded

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:

Grading Option: Pass No Pass

Groups: Professional Officer Course

AERO 332 Leading People and Effective Communication 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

Grading Option: Graded

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:

Grading Option: Pass No Pass

Groups: Professional Officer Course

AERO 441 National Security Leadership Responsibilities and Commissioning Preparation 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

Grading Option: Graded

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:

Grading Option: Pass No Pass

Groups: Professional Officer Course

AERO 442 National Security Leadership Responsibilities and Commissioning Preparation 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

Grading Option: Graded

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:

Grading Option: Pass No Pass

Groups: Professional Officer Course