

AEROSPACE STUDIES (AERO)

AERO 101 USAF Heritage and Values I (1 credit)

Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. (Fall only)

AERO 102 USAF Heritage and Values II (1 credit)

Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. This course is a continuation of concepts and information introduced in AERO 101. (Spring only)

AERO 103 Leadership Laboratory I (2 credits, max 4)

Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.

Coreqs: AERO 101 or AERO 102

AERO 201 USAF Team and Leadership Fundamentals I (1 credit)

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. (Fall only)

Prereqs or Coreqs: AERO 101

AERO 202 USAF Team and Leadership Fundamentals II (1 credit)

Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. This course is a continuation of concepts and information introduced in AERO 201. (Spring only)

Prereqs or Coreqs: AERO 102

AERO 205 Leadership Laboratory II (2 credits, max 4)

Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.

Coreqs: AERO 201 or AERO 202

AERO 299 (s) Directed Study (1-16 credits)

Credit arranged

AERO 311 USAF Leading People and Effective Communication I (3 credits)

Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. (Fall only)

Prereqs: AERO 101, AERO 102, AERO 201, AERO 202. Student must be pursuing a commission in the military to take this course.

AERO 312 USAF Leading People and Effective Communication II (3 credits)

Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. This course is a continuation of concepts and information introduced in AERO 311. (Spring only)

Prereqs: AERO 311. Student must be pursuing a commission in the military to take this course.

AERO 313 Leadership Laboratory III (2 credits, max 4)

Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.

Coreqs: AERO 311 or AERO 312

AERO 404 (s) Special Topics (1-16 credits)

Credit arranged

AERO 411 USAF National Security, Leadership, and Commissioning Preparation I (3 credits)

An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. (Fall only)

Prereqs: AERO 311. Student must be pursuing a commission in the military to take this course.

AERO 412 USAF National Security, Leadership, and Commissioning Preparation II (3 credits)

An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. This course is a continuation of concepts and information introduced in AERO 411. (Spring only)

Prereqs: AERO 312. Student must be pursuing a commission in the military to take this course.

AERO 413 Leadership Laboratory IV (2 credits, max 4)

Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.

Coreqs: AERO 411 or AERO 412

AERO 499 (s) Directed Study (1-16 credits)

Credit arranged