

AEROSPACE STUDIES (AERO)

AERO 1010 USAF Heritage and Values I (1 credit)

Survey course that introduces students to the Department of Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force/Space Force, dress and appearance standards, military customs and courtesies, Air Force heritage, and introduction to communication skills. Typically Offered: Fall.

Coreqs: AERO 1030

AERO 1020 USAF Heritage and Values II (1 credit)

Survey course that introduces students to the Department of Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force/Space Force, dress and appearance standards, military customs and courtesies, Air Force heritage, and introduction to communication skills. This course is a continuation of concepts and information introduced in AERO 1010. Typically Offered: Spring.

Coreqs: AERO 1030

AERO 1030 Leadership Laboratory I (2 credits, max 4)

Intercollegiate athletics and leadership course. Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2-3 hours of required physical training. Fitness tests include strength/conditioning muscle fitness, cardiorespiratory/aerobic endurance, and body composition requirements. Location of the course alternates between WSU and U of I campuses throughout the term. Graded Pass/Fail. Typically Offered: Fall and Spring.

Coreqs: AERO 1010 or AERO 1020

AERO 2010 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. Typically Offered: Fall. Prereqs or

Coreqs: AERO 1010

AERO 2020 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 2010. Typically Offered: Spring. Prereqs or

Coreqs: AERO 1020

AERO 2050 Leadership Laboratory II (2 credits, max 4)

Intercollegiate athletics and leadership course. Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2-3 hours of required physical training. Fitness tests include strength/conditioning muscle fitness, cardiorespiratory/aerobic endurance, and body composition requirements. Location of the course alternates between WSU and U of I campuses throughout the term. Graded Pass/Fail. Typically Offered: Fall and Spring.

Coreqs: AERO 2010 or AERO 2020

AERO 2990 (s) Directed Study (1-16 credits, max 99)

Credit arranged

AERO 3110 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. Typically Offered: Fall.

Prereqs: AERO 1010, AERO 1020, AERO 2010, AERO 2020. Student must be pursuing a commission in the military to take this course.

AERO 3120 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 3110. Typically Offered: Spring.

Prereqs: AERO 3110. Student must be pursuing a commission in the military to take this course.

AERO 3130 Leadership Laboratory III (2 credits, max 4)

Intercollegiate athletics and leadership course. Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2-3 hours of required physical training. Fitness tests include strength/conditioning muscle fitness, cardiorespiratory/aerobic endurance, and body composition requirements. Location of the course alternates between WSU and U of I campuses throughout the term. Graded Pass/Fail. Typically Offered: Fall and Spring.

Coreqs: AERO 3110 or AERO 3120

AERO 4040 (s) Special Topics (1-16 credits, max 99)

Credit arranged

AERO 4110 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. Typically Offered: Fall.

Prereqs: AERO 3110. Student must be pursuing a commission in the military to take this course.

AERO 4120 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 4110. Typically Offered: Spring.

Prereqs: AERO 3120. Student must be pursuing a commission in the military to take this course.

AERO 4130 Leadership Laboratory IV (2 credits, max 4)

Intercollegiate athletics and leadership course. Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2-3 hours of required physical training. Fitness tests include strength/conditioning muscle fitness, cardiorespiratory/aerobic endurance, and body composition requirements. Location of the course alternates between WSU and U of I campuses throughout the term. Graded Pass/Fail.

Coreqs: AERO 4110 or AERO 4120

AERO 4990 (s) Directed Study (1-16 credits, max 99)

Credit arranged Graded Pass/Fail.