

**Department of Aerospace Studies
Proposed Catalog Changes
Effective Summer 2020**

1. Change the following courses:

AERO 101 ~~Foundations of the U.S. Air Force 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)

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 102 ~~Foundations of the U.S. Air Force 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. (Spring only)

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 201 ~~Evolution of U.S. Air Force Air and Space Power Team and Leadership Fundamentals I~~

1 credit

~~Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. (Fall only)~~

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 202 ~~Evolution of U.S. Air Force Air and Space Power Team and Leadership Fundamentals II~~

1 credit

~~Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. Fundamental principles of leadership, followership, team building, and accountability within military. Develops communication skills. Cadets also attend weekly leadership laboratory. (Spring only)~~

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 311 ~~Air Force Leadership and Management~~ Leading People and Effective Communication I
3 credits

~~Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. (Fall only)~~

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 312 ~~Air Force Leadership and Management~~ Leading People and Effective CommunicationII
3 credits

~~Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). Applied leadership through supervision, mentorship, and case studies. Expands on military knowledge, ethics, and communications. Cadets attend weekly leadership laboratory. (Spring only)~~

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 411 ~~National Security Affairs/Preparation for Active Duty~~ National Security, Leadership, & 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)

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.

AERO 412 ~~National Security Affairs/Preparation for Active Duty~~ National Security, Leadership, & 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. (Spring only)

Rationale: This minor alteration to the curriculum was mandated by HQ AFROTC. There will be no added workload.