

# AEROSPACE STUDIES (AERO)

# Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

## AERO 301 - Leadership Laboratory

**Credits:** 0

Taken by all AFROTC cadets throughout enrollment in AFROTC. Command and staff leadership experiences in cadet corps. Air Force customs and courtesies, drill and ceremonies, career opportunities, and life and work of the junior officer. Student leadership potential developed in a practical, supervised laboratory.

**Repeat Rule:** May be repeated up to unlimited times.

**Grade Mode:** Credit/Fail Grading

## AERO 302 - AFROTC Physical Training

**Credits:** 0

Taken by all AFROTC cadets throughout enrollment in AFROTC. Prepares cadets to pass the Air Force Fitness Assessment by introducing a year-round physical conditioning program that emphasizes total fitness that includes proper aerobic conditioning, strength and flexibility training, and healthy eating. Command and staff leadership experiences, Air Force customs and courtesies, and the reinforcement of unit cohesion, military good order and discipline, and esprit de corps.

**Co-requisite:** AERO 301

**Grade Mode:** Credit/Fail Grading

## AERO 415 - Heritage and Values of the United States Air Force I

**Credits:** 2

Heritage and Values of the United States Air Force I, is a survey course designed to introduce students to the United States Air Force and provides an overview of the basic characteristics, missions, and organization of the Air Force.

**Grade Mode:** Letter Grading

## AERO 416 - Heritage and Values of the United States Air Force II

**Credits:** 2

Heritage and Values of the United States Air Force II, is a survey course designed to introduce students to the United States Air Force and provides an overview of the basic characteristics, missions, and organization of the Air Force. This is a continuation of AERO 415.

**Grade Mode:** Letter Grading

## AERO 541 - Team and Leadership Fundamentals I

**Credits:** 2

Team and Leadership Fundamentals I, focuses on laying the foundation for teams and leadership. The topics include skills that will allow cadets to improve their leadership on a personal level and within a team. The courses will prepare cadets for their field training experience where they will be able to put the concepts learned into practice. The purpose is to instill a leadership mindset and to motivate sophomore students to transition from AFROTC cadet to AFROTC officer cadet.

**Grade Mode:** Letter Grading

## AERO 542 - Team and Leadership Fundamentals II

**Credits:** 2

Team and Leadership Fundamentals II, focuses on laying the foundation for teams and leadership. The topics include skills that will allow cadets to improve their leadership on a personal level and within a team. The course will prepare cadets for their field training experience where they will be able to put the concepts learned into practice. The purpose is to instill a leadership mindset and to experience where they will be able to put the concepts learned into practice. The purpose is to instill a leadership mindset and to motivate sophomore students to transition from AFROTC cadet to AFROTC officer candidate. This is a continuation of AERO 541.

**Grade Mode:** Letter Grading

## AERO 671 - Leading People and Effective Communication I

**Credits:** 4

Leading People and Effective Communication I, teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors.

**Grade Mode:** Letter Grading

## AERO 672 - Leading People an Effective Communication II

**Credits:** 4

Leading People an Effective Communication II, teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. This is a continuation of AERO 671.

**Grade Mode:** Letter Grading

## AERO 681 - National Security Affairs/Preparation for Active Duty I

**Credits:** 4

National Security Affairs/Preparation for Active Duty I, is designed for college seniors an gives them the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. The final semester provides information that will prepare the cadets for Active Duty.

**Grade Mode:** Letter Grading

## AERO 682 - National Security Affairs/Preparation for Active Duty II

**Credits:** 4

National Security Affairs/Preparation for Active Duty II, is designed for college seniors and gives them the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. The final semester provides information that will prepare the cadets for Active Duty. This is a continuation of AERO 681.

**Grade Mode:** Letter Grading

**AERO 796 - AFROTC Internship**

**Credits:** 1-4

This internship is an Air and Space Studies program which prepares students for careers as Air Force Officers by providing experiential learning in an AFROTC detachment. History or Political Science majors are preferred. The internship is supervised by an Air Force Officer.

**Prerequisite(s):** AERO 415 with a minimum grade of D- and AERO 416 with a minimum grade of D- and AERO 541 with a minimum grade of D- and AERO 542 with a minimum grade of D- and AERO 671 with a minimum grade of D- and AERO 672 with a minimum grade of D-.

**Repeat Rule:** May be repeated for a maximum of 4 credits.

**Grade Mode:** Letter Grading