AEROSPACE STUDIES (ASTU)

ASTU 10101 HERITAGE AND VALUES 1 Credit Hour
This is a survey course that provides an introduction to the United States Air Force, hopefully encouraging students to pursue an AF career or at least seek additional information to be better informed about the role of the USAF. The course allows students to examine general aspects of the Department of the Air Force, AF Leadership, Air Force benefits, and opportunities for AF officers. The course also lays the foundation for becoming an Airman by outlining our heritage and values. As a foundation course, it also provides a historical perspective such as lessons on war and US military, AF operations, principles of war, and airpower. As a whole, this course provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the Air Force way of life and gain knowledge on what it means to be an Airman.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ASTU 10102 THE FOUNDATION OF THE UNITED STATES AIR FORCE II 1 Credit Hour
Survey course looks at the origin and organization of the Air Force. Selected topics contributing to an understanding of the Air Force are covered.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ASTU 10103 LEADERSHIP LABORATORY 1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 10104 LEADERSHIP LABORATORY 1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 20101 TEAM LEADERSHIP FUNDAMENTALS 1 Credit Hour
This is a 1 credit hour survey course that is designed to provide a fundamental understanding of both leadership and team building. It is imperative that students are taught from the beginning that there are many layers to leadership, including aspects that don’t always jump to mind. Such things include listening, understanding themselves, being a good follower and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Students should demonstrate basic verbal and written communication skills.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ASTU 20102 EVOLUTION OF THE UNITED STATES AIR FORCE AIR AND SPACE POWER II 1 Credit Hour
Survey course examines air and space power from an historical perspective. Course covers period from the Vietnam War to the Gulf War plus a look at the Air Force of the future.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1 lecture
Grade Mode: Standard Letter

ASTU 20103 LEADERSHIP LABORATORY 1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 20104 LEADERSHIP LABORATORY 1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 30101 LEADING PEOPLE/EFFECTIVE COMMUNICATION 3 Credit Hours
This course is designed to build upon the leadership fundamentals taught in ASTU 20202. Students will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. The goal is for cadets to have a more in-depth understanding of how to effectively lead people, and provide them with the tools to use throughout their detachment leadership roles. Secondly, students will hone their writing and briefing skills. Many of the students will be uncomfortable with public speaking, and this semester is designed to get them used to briefing. The course continues into advanced skills and ethics training that will prepare them for becoming an officer and a supervisor.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
ASTU 30102  LEADERSHIP STUDIES II  3 Credit Hours
Study of quality management fundamentals and communication skills for the air force officer. The air force personnel evaluation system and military ethics are discussed.
Prerequisite: Permission.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASTU 30103  LEADERSHIP LABORATORY  1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 30104  LEADERSHIP LABORATORY  1 Credit Hour
An instructional program that prepares an individual to undertake the broad range of technical tasks associated with military leadership and defense management. This course is optional for university academic credit; however, it is mandatory for Air Force ROTC credit for scholarship or commissioning purposes.
Prerequisite: None.
Schedule Type: Laboratory
Contact Hours: 1 lab
Grade Mode: Satisfactory/Unsatisfactory

ASTU 40101  LEADING NATIONAL SECURITY/LEADERSHIP RESPONSIBILITIES  3 Credit Hours
This student should comprehend the basic elements of national security policy and process. The student should comprehend the air and space power operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession. Students should comprehend the responsibility, authority, and functions of an Air Force commander and selected provisions of the military justice system. The final semester of the ASTU 40101 course is designed to prepare cadets for life as a second lieutenant.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ASTU 40102  DEFENSE STUDIES II  3 Credit Hours
The role of the military and regional defense are studied. Current air force issues and other topics relevant to preparing an air force officer for active duty are covered.
Prerequisite: Permission.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter