AEROSPACE STUDIES (AFS)

AFS 111. Aerospace Studies I. (1 Credit)
The course allows students to examine general aspects of the Department of the Air Force, Air Force benefits, and opportunities for Air Force officers. The course also lays the foundation for becoming an Airman such as AF customs and courtesies, AF dress and appearance, team building, communication skills, and more. As a whole, this course, combined with AFS 112, 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. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 112. Leadership Seminar. (1 Credit)
This fall semester course (to be taken in conjunction with AFS 111) is a weekly laboratory that teaches Air Force customs and courtesies, health and physical fitness, and drill and ceremonies. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 111. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 113. Aerospace Studies I. (1 Credit)
The course allows students to examine general aspects of the Department of the Air Force, Air Force Leadership and the Air Force Core Values. As a foundational course, AS100 also provides a historical perspective such as lessons on war and US military, Air Force operations, principles of war, and airpower. As a whole, this course, combined with AFS 111, 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. (This course is offered through UK).

View Course Learning Outcomes

1. {}

AFS 114. Leadership Seminar. (1 Credit)
This course (to be taken in conjunction with AFS 113) is a weekly laboratory that teaches Air Force customs and courtesies, health and physical fitness, and drill and ceremonies. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 113. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 211. Aerospace Studies II. (1 Credit)
This course is the first part of a two part course that 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 candidate. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 212. Leadership Seminar. (1 Credit)
This course is a weekly laboratory that prepares cadets with additional emphasis on leadership/followership roles and preparation for summer field training. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 211. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 213. Aerospace Studies II. (1 Credit)
This course is the second part of a two-part course that focuses on laying the foundation for teams and leadership. The topics include communication, feedback, situational leadership and leadership theory. 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 candidate. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 214. Leadership Seminar. (1 Credit)
This course is a weekly spring semester laboratory designed to develop supervisory management skills to include communication, techniques of critique, social actions, personnel evaluation procedures, problem solving, role playing and field training preparation. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 213. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 311. Aerospace Studies III. (3 Credits)
Prerequisites, AFS 111, 113, 211, 213. Part one of a two-part course that 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. Class participation, comprehension, and oral communication skills are stressed. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 312. Aerospace Seminar. (1 Credit)
A fall semester course focused on developing advanced leadership skills through hands-on application and leadership roles. Students fill the mid-level management function within the Detachment's cadet wing through flight leadership and other project management roles. The course involves the planning and execution of military events and activities within leadership lab itself. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 311. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 313. Aerospace Studies III. (3 Credits)
Prerequisites, AFS 111, 113, 211, 213. A continuation of AFS 311. Second part of a course that 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. Class participation, comprehension, and oral communication skills are stressed. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 314. Leadership Seminar. (1 Credit)
A spring semester course designed and focused on developing advanced leadership skills through hands-on application and leadership roles. Students fill the mid-level management function within the Detachment's cadet wing through flight leadership and other project management roles. The course involves the planning and execution of military events and activities within leadership lab itself. Consists of one, two-hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 311. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 411. Aerospace Studies IV. (3 Credits)
Prerequisites, AFS 111, 113, 211, 213, 311, 313. Part one of a two-part class that 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. Class participation, comprehension, written and oral communication skills are stressed. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 412. Leadership Seminar. (1 Credit)
A fall semester course designed and focused on developing advanced leadership skills. Students fill the top-level management function within the cadet wing. The course involves the planning and controlling of military activities of leadership lab. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels. Consists of one, two hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. Corequisite: AFS 411. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 413. Aerospace Studies IV. (3 Credits)
Second part of a class hat 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. This final semester provides information that will prepare the cadets for Active Duty. Class participation, comprehension, written and oral communication skills are stressed. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 414. Leadership Seminar. (1 Credit)
A spring semester course designed and focused on developing advanced leadership skills. Students fill the top-level management function within the cadet wing. The course involves the planning and controlling of military activities of leadership lab. The lab also includes practice of leadership techniques aimed at motivating and instructing cadets in the lower three levels. Consists of one, two hour lab per week and two, one-hour physical training (PT) sessions per week. Satisfactory/Unsatisfactory only. (This course is offered with the University of Kentucky).

View Course Learning Outcomes

1. {}

AFS 495. Independent Work. (2-6 Credits)
A. Prerequisite: approval of professor of aerospace studies. Student must have the independent study proposal form approved by faculty supervisor and department chair prior to enrollment. A study of an advanced problem on an aerospace subject under the guidance of the Chairman of the Department of Aerospace Studies.

View Course Learning Outcomes

1. {}