

# AEROSPACE STUDIES (AES)

## **AES 1010 - Heritage and Values of the United States Air Force 1**

### **Credit(s): 2 Credits**

This course is the first part of a two course sequence 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. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing students with followership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week.

## **AES 1020 - Heritage and Values of the United States Air Force 2**

### **Credit(s): 2 Credits**

This course is the second part of a two course sequence 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. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing students with followership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week.

## **AES 2010 - Team and Leadership Fundamentals 1**

### **Credit(s): 2 Credits**

This course is the first part of a two course sequence that focuses on laying the foundation for teams and leadership. Topics include skills that will allow cadets to improve their leadership on a personal level and within a team. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing the first opportunity for applied leadership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week.

## **AES 2020 - Team and Leadership Fundamentals 2**

### **Credit(s): 2 Credits**

This course is the second part of a two course sequence that focuses on laying the foundation for teams and leadership. Topics include skills that will allow cadets to improve their leadership on a personal level and within a team. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing the first opportunity for applied leadership experiences and prepares them for Field Training. Classroom activity, one hour per week; Leadership Laboratory two hours per week.

## **AES 2220 - Special Topics**

### **Credit(s): 0 Credits (Repeatable for credit)**

This class is for second year EA pursuing students who do not need to take the lecture course. This will be held together with AES2010/20 LLab.

## **AES 2980 - Independent Study**

### **Credit(s): 1 or 3 Credits (Repeatable for credit)**

## **AES 3010 - Leading People and Effective Communication 1**

### **Credit(s): 3 Credits**

This course is the first part of a two course sequence that teaches advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. A mandatory Leadership Laboratory complements this course for Air Force ROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply leadership skills. Classroom activity, three hours per week; Leadership Laboratory two hours per week.

**Prerequisite(s):** AES 1010; AES 2010

## **AES 3020 - Leading People and Effective Communication 2**

### **Credit(s): 3 Credits**

This course is the second part of a two course sequence that teaches advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. A mandatory Leadership Laboratory complements this course for Air Force ROTC cadets. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply leadership skills. Classroom activity, three hours per week; Leadership Laboratory two hours per week.

## **AES 3930 - Special Topics**

### **Credit(s): 3 Credits (Repeatable for credit)**

## **AES 3980 - Independent Study**

### **Credit(s): 1 or 3 Credits (Repeatable for credit)**

## **AES 4010 - National Security Affairs / Preparation for Active Duty**

### **Credit(s): 1-3 Credits**

Cadets learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the requisites for maintaining adequate national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Aerospace Studies courses (AES-301 through AES-402) are advanced courses designed to improve communication and management skills required of Air Force officers. Grades earned in these courses will be computed in the student's overall grade point average. Credit hours of these courses may be included in the hours needed for graduation at the discretion of individual departmental chairpersons.

## **AES 4020 - Preparation for Active Duty**

### **Credit(s): 3 Credits**

Cadets learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the requisites for maintaining adequate national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities. Classroom activity, three hours per week; Leadership Laboratory two hours per week. Aerospace Studies courses (AES-301 through AES-402) are advanced courses designed to improve communication and management skills required of Air Force officers. Grades earned in these courses will be computed in the student's overall grade point average. Credit hours of these courses may be included in the hours needed for graduation at the discretion of individual departmental chairpersons.

## **AES 4930 - Special Topics**

### **Credit(s): 3 Credits (Repeatable for credit)**

## **AES 4980 - Independent Study**

### **Credit(s): 1 or 3 Credits (Repeatable for credit)**