

# AEROSPACE STUDIES

Air Force Reserve Officer Training Corps (AFROTC) is a program designed to develop leaders of character for tomorrow's Air and Space Force and our Nation. AFROTC offers college students a course of study ultimately leading to a commission as a Second Lieutenant in the United States Air or Space Forces. The program offers seminar classes with an emphasis placed on individual training and leadership development. Qualified students have opportunities to explore and evaluate Air and Space Force career opportunities while earning a degree. Creighton students register for the courses at Creighton but attend Aerospace Studies classes at the University of Nebraska at Omaha (UNO) while pursuing their degree at Creighton. This opportunity results from an agreement between Creighton and UNO that permits Creighton students to participate in the Air Force ROTC Program at UNO.

If interested in any of these programs please contact AFROTC Detachment 470, University of Nebraska at Omaha, 402.554.2318, to obtain further information.

## Courses

**AES 000. AES Transfer Credit. 1-20 credits.**

**AES 001. Leadership Laboratory. 0 credits. FA, SP**

Leadership Laboratory augments the Air Force ROTC academic curriculum by providing prospective Air Force officers opportunities and feedback needed to develop leadership, managerial, and supervisory skills. Applications include a study of Air Force customs and courtesies, drill and ceremonies, problem solving, communication, and learning about career opportunities available to commissioned officers. During the junior and senior year, Leadership Labs consist of activities classified as leadership and management experiences. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop leadership potential. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 131. U.S. Air Force Heritage and Values I. 1 credit.**

Air Force Heritage and Values I is a survey course designed to introduce students to the United States Air and Space Forces. It provides an overview of the basic characteristics, missions, and organization of the Air and Space Forces. As a foundational course, the topics covered in AES 131 will include Air Force Core Values, Formation of the Air Force, Customs and Courtesies, Writing and Verbal Communications, Benefits of Services as well as Introduction to Leadership to name a few. For students who continue in the Air Force ROTC (AFROTC) program, this course will be the foundation for becoming an Air or Space professional by outlining our heritage and values. Leadership Laboratory (AES 001) is mandatory for AFROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 132. U.S. Air Force Heritage and Values II. 1 credit. SP**

Air Force Heritage and Values II is a survey course designed to introduce students to the United States Air and Space Forces. It provides an overview of the basic characteristics, missions, and organization of the Air and Space Forces. As a foundational course, the topics covered in AES 132 will include What is War?, Evolution of the Air Force, Principles of War and Tenets of Airpower, Ethical Decision-Making as well as Air Force Major Commands to name a few. For students who continue in the Air Force ROTC (AFROTC) program, this course will be the foundation for becoming an Air or Space professional by outlining our heritage and values. Leadership Laboratory (AES 001) is mandatory for AFROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 231. Team and Leadership Fundamentals I. 1 credit. FA**

Team and Leadership Fundamentals I is designed to provide students the foundation for both leadership and team building. The topics covered will include Listening, Followership, Problem Solving, Motivation as well as Standards and Accountability to name a few. All these concepts will be applied during activities and class discussions. Students will also practice and apply their verbal and written communication skills throughout the course. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment. Leadership Laboratory (AES 001) is mandatory for AFROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 232. Team and Leadership Fundamentals II. 1 credit. SP**

Team and Leadership Fundamentals II is designed to provide students the foundation for both leadership and team building. The topics covered will include Team Building, Human Relations, Conflict Management, Stress Management and Resiliency as well as Ethical Decision Making to name a few. All these concepts will be applied during activities and class discussions. Students will also practice and apply their verbal and written communication skills throughout the course. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment. Leadership Laboratory (AES 001) is mandatory for Air Force ROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 311. Leading People and Effective Communication I. 3 credits. FA**

Leading People/Effective Communication I focuses on the development of advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership and communication skills through case studies and practical application. The topics covered will include Critical Thinking, Change Management, Effective Supervision, Ethical Decision Making as well as Bias to name a few. As cadet officers in the Air Force ROTC program, students have an opportunity to apply these leadership and management techniques in a supervised environment. Leadership Laboratory (AES 001) is mandatory for Air Force ROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 312. Leading People and Effective Communication II. 3 credits. SP**

Leading People/Effective Communication II focuses on the development of advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership and communication skills through case studies and practical application. The topics covered will include Leadership Theory, Mentoring, Professionalism, Self-Awareness, Organizational Climate as well as Establishing Expectations to name a few. As cadet officers in the Air Force ROTC program, students have an opportunity to apply these leadership and management techniques in a supervised environment. Leadership Laboratory (AES 001) is mandatory for Air Force ROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 411. National Security and Commissioning Preparation I. 3 credits. FA**

National Security and Commissioning Preparation I is designed for college seniors and gives them the foundation to understand their role as Air or Space Force officers and how they are directly tied to our National Security Strategy. 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 topics covered will include Civilian Control of the Military, National Security Strategy, the Department of Defense, Joint Operations, Unified Combatant Commands, How the Department of the Air Force Deploys as well as the Law of War to name a few. Leadership Laboratory (AES 001) is mandatory for Air Force ROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.

**AES 412. National Security and Commissioning Preparation II. 3 credits. SP**

National Security and Commissioning Preparation II is designed for college seniors and gives them the foundation to understand their role as Air or Space Force officers. The topics covered will include Base Agencies, Ethical Decision-Making, Leadership Authority and Responsibility, Officer and Enlisted Evaluations Systems as well as Career Progression to name a few. As cadet officers in the Air Force ROTC program, students have an opportunity to apply these leadership and management techniques in a supervised environment. Leadership Laboratory (AES 001) is mandatory for Air Force ROTC cadets and complements this course by providing advanced leadership experiences in a hands-on, supervised environment. Note: This course is offered in partnership with the University of Nebraska-Omaha.