

Aerospace Studies (AEROSPC)

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AEROSPC 1A Foundations of the U.S. Air Force 1 Unit

Terms offered: Fall 2020, Spring 2020, Fall 2019

This course introduces students to the United States Air Force (USAF) and Air Force Reserve Officer Training Corps (AFROTC) with an overview of the basic characteristics, missions, and organization of the Air Force; additional topics include officership and professionalism, Air Force career opportunities, military customs and courtesies, and an introduction to USAF basic communication skills. Additionally, AFROTC cadets must attend weekly Leadership Lab. Leadership Lab is a weekly laboratory that touches on the topics of Air Force customs and courtesies, health and physical fitness, and drills and ceremonies.

Foundations of the U.S. Air Force: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Foundations of the U.S. Air Force: Read Less [-]

AEROSPC 1B Foundations of the U.S. Air Force 1 Unit

Terms offered: Spring 2020, Spring 2019, Spring 2018

A survey course designed to introduce cadets to the U.S. Air Force and the Air Force Reserve Officer Training Corps (AFROTC). Featured topics include the history and structure of the U.S. Air Force, the Air Force's capabilities, career opportunities, benefits, Air Force installations, and communications skills. Additionally, AFROTC cadets must attend Leadership Lab. Leadership Lab is a weekly laboratory that touches on the topics of Air Force customs and courtesies, health and physical fitness, and drills and ceremonies.

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Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

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AEROSPC 2A The Evolution of Air and Space Power 1 Unit

Terms offered: Fall 2020, Fall 2019, Fall 2018

This course examines the general aspects of air/space power through historical study and analysis, providing students with knowledge of the capabilities, functions, and doctrinal employment of air/space forces. It covers the period from the first balloons and dirigibles to the employment of air/space power during the Cold War, utilizing historical/operational examples to highlight the development of USAF core competencies, capabilities, and missions that underpin the evolution of today's USAF. This course emphasizes oral/written communication skills development. AFROTC cadets must also attend Leadership Lab, a weekly lab providing practical experience in areas like customs and courtesies, health/physical fitness, and drill and ceremonies.

The Evolution of Air and Space Power: Read More [+]

Rules & Requirements

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

The Evolution of Air and Space Power: Read Less [-]

AEROSPC 2B The Evolution of Air and Space Power 1 Unit

Terms offered: Spring 2020, Spring 2019, Spring 2018

This course examines the general aspects of air/space power through a historical perspective, as well as fundamental truths associated with war (e.g., principles of war and tenets of air/space power). As a whole, this course provides students with a knowledge level understanding for the element and employment of air/space power, from an institutional, doctrinal, and historical perspective. Students will also conduct writing and briefing assignments to meet Air Force communication skills requirements. Additionally, AFROTC cadets must attend Leadership Lab, a weekly laboratory that provides practical experience in key areas to include Air Force customs and courtesies, health/physical fitness, and drill and ceremonies.

The Evolution of Air and Space Power: Read More [+]

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

The Evolution of Air and Space Power: Read Less [-]

AEROSPC 100 Leadership Laboratory 0.0 Units

Terms offered: Fall 2020, Spring 2020, Fall 2019

Leadership Lab (LLAB) represents the hands-on portion of the Aerospace Studies courses. It presents a dynamic and integrated grouping of leadership developmental activities. LLAB is a student planned, organized, and executed practicum intended to maximize cadet leadership experience and preparation for easy transition to their active duty assignments. It is conducted under the supervision of AFROTC cadre. The course focuses on the leadership experiences of senior and junior cadets and provides training in basic military knowledge and skills to underclass cadets. Cadets are trained on proper uniform wear, grooming and appearance requirements, physical fitness, knowledge of military customs and courtesies, and military drill and ceremony.

Leadership Laboratory: [Read More](#) [+]

Rules & Requirements

Prerequisites: Consent of instructor

Credit Restrictions: For Air Force cadets only.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of laboratory per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

Leadership Laboratory: [Read Less](#) [-]

AEROSPC 135A Leadership Studies 3 Units

Terms offered: Fall 2020, Fall 2019, Fall 2018

This course is a study of leadership, management fundamentals, professional knowledge, and communication skills required of an Air Force junior officer. Lecture, text, case studies, and class discussion will be used to examine all aspects of leadership including counseling, mentoring, empowering, problem solving, accountability and authority. Students will develop upon basic written and oral communications skills primarily through written assignments and oral presentations.

Leadership Studies: [Read More](#) [+]

Rules & Requirements

Prerequisites: 135A is a prerequisite to 135B or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Emerson

Leadership Studies: [Read Less](#) [-]

AEROSPC 135B Leadership Studies 3 Units

Terms offered: Spring 2020, Spring 2019, Spring 2018

This course is a study of leadership, management fundamentals, professional knowledge, and communication skills required of an Air Force junior officer. Lecture, text, case studies, and class discussion will be used to examine all aspects of leadership including counseling, mentoring, empowering, problem solving, accountability and authority. Students will develop upon basic written and oral communications skills primarily through written assignments and oral presentations.

Leadership Studies: [Read More](#) [+]

Rules & Requirements

Prerequisites: 135A or consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of seminar per week

Additional Details

Subject/Course Level: Aerospace Studies/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Emerson

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