

UNIVERSITY FACULTY SENATE FORMS

Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Andrew M. Hott **Phone:** 831-2863

Department: AF ROTC **Email address:** afrotc-ud128@udel.edu

Action: Add a Minor in Aerospace Military Leadership

(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term: 14F (request retroactive to include all current students)
(use format 04F, 05W)

Current degree: not applicable
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of: not applicable
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name: Minor in Aerospace Military Leadership
Proposed new name for revised or new major / minor / concentration / academic unit
(if applicable)

Revising or Deleting:

Undergraduate major / Concentration: not applicable
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor: not applicable
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change : not applicable
(**Must attach** your Graduate Program Policy Statement)

Graduate Program of Study: not applicable
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration : not applicable

Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.

List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

None

Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.ugs.udel.edu/gened/>

The proposed Minor in Aerospace Military Leadership supports the following goals of undergraduate education:

1. Attain effective skills in oral and written communication, quantitative reasoning and the use of information technology;

The curriculum for each Aerospace Studies course requires completion of the Communication Studies portion of the program's four-year communication plan. The purpose of Communication Studies curriculum is to develop officers with effective thinking, writing, and speaking skills. Students communication skills are develop from day one when they are required to accomplish a three-minute impromptu speech. As the students mature and become more comfortable with the increasing requirements, the demands to write and speak increase, too. They progress to researching, writing and briefing a five-minute informative and finally a seven minute advocacy brief. In addition to classroom study, all students are given the opportunity to hone their commination skills through speech giving opportunities and debate scenarios.

2. Learn to think critically to solve problems;

The program instructs students in the eight step problem solving process and the Air Force Smart Operations for the 21st century program similar to the Six Sigma (systematic improvement process). The coursework associated with this minor challenges the student with scenarios called group leadership projects. Group leadership projects are designed to develop followership and leadership skills by enhancing participants' understanding of complex issues facing diverse groups, giving participants exposure to the scope and depth of diverse groups and functions, strengthening the team experience of participants, providing our future leaders with new perspectives and ideas for addressing short and long-range issues, and expanding the culture of leadership beyond the participants. For most students this will be a new, fundamentally different perspective from which to approach problems facing any profession. As training progresses, students are provided the opportunity to lead group exercises and receive feedback from instructors evaluating their performance.

3. Be able to work and learn both independently and collaboratively;

See item 2.

4. Engage questions of ethics and recognize responsibilities to self, community and society at large;

The program is centered on the Air Force Core Values. The Air Force Core Values are integrity first, service before self, and excellence in all we do. They remind us what it takes to get the mission done. They inspire us to do our very best at all times. They are the common bond among all comrades in arms, and they are the glue that unifies the Force and ties us to the great warriors and public servants of the past. The Airman is a person of integrity, courage and conviction. Integrity is a character trait. It is the willingness to do what is right even when no one is looking. It is the moral compass, the inner voice, the voice of self-control and the basis for the trust imperative in today's military. Integrity is the ability to hold together and properly regulate all of the elements of a personality. A person of integrity, for example, is capable of acting on conviction. A person of integrity can control impulses and appetites. Service before self tells us that professional duties take precedence over personal desires. Excellence in all we do directs

us to develop a sustained passion for continuous improvement and innovation that will propel the Air Force into a long-term, upward spiral of accomplishment and performance. Students have the opportunity to participate in a variety of community service events focused on area high school, veterans and charitable organizations. After this training, students will have impact on the development on the environment, community, and society – both present impact and potential future impact.

5. Understand the diverse ways of thinking that underlie the search for knowledge in the arts, humanities, sciences and social sciences;

the entire curriculum is almost exclusively focused on social sciences to include history, leadership theory, ethics, role of the military in the democratic society, international affairs. The emphasis of the curriculum is to explore a variety of viewpoints to teach students how to think instead of what to think.

6. Develop intellectual curiosity, confidence and engagement that will lead to lifelong learning;

The Aerospace Science curriculum prepares young men and women to become leaders. Students grow as an individual both mentally and physically while developing lifelong, strong leadership skills that will benefit them as an Air Force Officer and in corporate America for the rest of their lives.

7. Develop the ability to integrate academic knowledge with experiences that extend the boundaries of the classroom;

Students will not only develop knowledge and skills as a leader in the classroom, they will apply them for approximately two hours per week in the Leadership Laboratory (LLAB). During LLAB, students will apply leadership skills such as commanding or being in charge of groups and/or projects, communicating effectively to subordinates, colleagues, and bosses, further development of physical fitness, and knowledge of military customs and courtesies. These traits can be transferred to any job to include corporate management.

8. Expand understanding and appreciation of human creativity and diverse forms of aesthetic and intellectual expression;

The coursework associated with this minor challenges students with scenarios designed to developed followership and leadership skills called group leadership projects. Group leadership projects are designed to enhance participants' understanding of complex issues facing diverse groups, give participants exposure to the scope and depth of diverse groups and functions, strengthen the team experience of participants, provide our future leaders with new perspectives and ideas for addressing short and long-range issues, and expand the culture of leadership beyond the participants. For most students this will be a new, fundamentally different perspective from which to approach problems facing any profession. As their training progresses, students are provided the opportunity to lead the group exercises and receive feedback from instructors evaluating their performance.

9. Understand the foundations of U.S. society including the significance of its cultural diversity.

The Department of the Air Force created specific lessons to teach and discuss cultural diversity and the international perspective. Air Force officers must know and understand the diverse world in order to be an effective decision maker and lead Airman in their daily operations.

10. Develop an international perspective to live and work effectively in an increasingly global society.

The Department of the Air Force created specific lessons to teach and discuss cultural diversity and the international perspective. Air Force officers must know and understand the diverse world in order to be an effective decision maker and lead Airman in their daily operations.

Identify other units affected by the proposed changes:

(Attach permission from the affected units. If no other unit is affected, enter "None")

None.

Describe the rationale for the proposed program change(s):

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

The Aerospace Science program is a dynamic and integrated grouping of leadership developmental activities designed to meet the needs and expectations of prospective Air Force officers while complementing the University academic program. The program is an informative and motivational experience, one that inspires students to continue to pursue the AFROTC program and an Air Force commission as well as becoming better informed about global happenings. The focus is on activities that promote the Air Force way of life and help effectively build qualified better leaders not only for military service, but life in general.

The outcome of program is to produce people of character...

- #1 with integrity who are selflessly committed to service to their country through personal and professional excellence.
- #2 who possess a breadth of integrated knowledge across the academic disciplines and the military profession that support the Air Force mission.
- #3 who are decisive leaders with the stamina, courage, and discipline to build and inspire high performing teams in demanding environments.
- #4 who foster mutual respect and dignity among all individuals.
- #5 who make sound decisions grounded in the fundamentals of air and space power in a joint environment.
- #6 who promote the dynamic relationship between leaders and followers through effective communication.
- #7 who can use their understanding of global relationships, cultures, and languages to effectively employ air and space power.
- #8 who will apply their knowledge and skills to meet the present and future challenges of the military profession.
- #9 who demonstrate an unquenchable desire for personal and professional development.
- #10 who are motivated toward a lifetime of national service.

The minor is open to all majors. Availability of this minor strengthens the University's commitment to promoting an environment in which all people are inspired to learn, and encourages intellectual curiosity, critical thinking, free inquiry, while respecting for the views and values of an increasingly diverse population.

Program Requirements:

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

A Minor in Aerospace Military Leadership may be earned by a student in any University bachelor's degree program. To receive a Minor in Aerospace Military Leadership, the student must successfully complete a minimum of 16 credits as described below with a minimum grade of C- in each course. Students must complete the following core course for eligibility for the Aerospace Minor:

- AFSC 110: Foundations of the Air Force I 1 credit
- AFSC 111: Foundations of the Air Force II 1 credit

• AFSC 210: The Evolution of Aerospace Studies I	1 credit
• AFSC 211: The Evolution of Aerospace Studies II	1 credit
• AFSC 310: Leadership Studies I	3 credit
• AFSC 350: Leadership Lab	0 credit
• AFSC 311: Leadership Studies II	3 credit
• AFSC 351: Leadership Lab	0 credit
• AFSC 410: National Security Studies and Preparation for Active Duty I	3 credit
• AFSC 450: Leadership Lab	0 credit
• AFSC 411: National Security Studies and Preparation for Active Duty II	3 credit
• AFSC 451: Leadership Lab	0 credit

Course Descriptions:

AFSC 110 Foundations of the Air Force I

This survey course briefly covers topics relating to the Air Force and defense. It focuses on the structure and missions of Air Force organizations, officership and professionalism. It is also a good introduction into the use of communication skills.

AFSC 111 Foundations of the Air Force II

Continuation of AFSC 110. This survey course briefly covers topics relating to the Air Force and defense. It focuses on the structure and missions of Air Force organizations, officership and professionalism. It is also a good introduction into the use of communication skills.

AFSC 210 The Evolution of Aerospace Studies I

This survey course is concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, scientific missions and support of space exploration.

AFSC 211 The Evolution of Aerospace Studies II

Continuation of AFSC 210. This survey course is concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, scientific missions and support of space exploration.

AFSC 310 Leadership Studies I

This course is a study in the anatomy of leadership, the need for quality and management leadership, the role of discipline in leadership situations and the variables affecting leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory.

AFSC 311 Leadership Studies II

Continuation of AFSC 310. This course is a study in the anatomy of leadership, the need for quality and management leadership, the role of discipline in leadership situations and the variables affecting leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory.

AFSC 350 and AFSC 351 Leadership Laboratory for Juniors

This course (taken in conjunction with AFSC 310 and AFSC 311 respectively) provides students the

opportunity to develop their fundamental management skills while planning and conducting cadet activities.

AFSC 410 National Security Studies and Preparation for Active Duty I/II

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, you will study topics that will prepare you for your first active-duty assignment as an officer in the Air Force.

AFSC 411 National Security Studies and Preparation for Active Duty II

Continuation of AFSC 410. 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, you will study topics that will prepare you for your first active-duty assignment as an officer in the Air Force.

AFSC 450 and AFSC 451 Leadership Laboratory for Seniors

This course (taken in conjunction with AFSC 410 and AFSC 411 respectively) provides students the opportunity to develop their fundamental management skills while planning and conducting cadet activities.

ROUTING AND AUTHORIZATION: (Please do not remove supporting documentation.)

Department Chairperson *[Signature]* Date 26 MARCH
Dean of College *[Signature]* Date 29 March 2014.
Chairperson, College Curriculum Committee *[Signature]* Date 28 March 2014
Chairperson, Senate Com. on UG or GR Studies _____ Date _____
Chairperson, Senate Coordinating Com. _____ Date _____
Secretary, Faculty Senate _____ Date _____
Date of Senate Resolution _____ Date to be Effective _____
Registrar _____ Program Code _____ Date _____
Vice Provost for Academic Affairs & International Programs _____ Date _____
Provost _____ Date _____
Board of Trustee Notification _____ Date _____

Revised 10/23/2007 /khs