MAS - Military Air and Space Studies

MAS 100 AF Physical Fitness: 2 Credits (2 Lab)
Provides students a framework of fitness skills, planning, and testing for a lifetime of health. Consists of two Physical Training sessions per week that include running, swimming, strength and flexibility, core development sports, and team building exercises. This course may be repeated for credit.

MAS 110 Heritage and Values of the United States Air Force I: 1 Credit (1 Lec)
(F) AS100, "Heritage and Values," is a survey course designed to introduce students to the Department of the Air Force (DAF) and provides an overview of the basic characteristics, missions, communications and organization of the Air Force and Space Force.

MAS 111 Heritage and Values of the United States Air Force II: 1 Credit (1 Lec)
(Sp) AS100, "Heritage and Values," is a survey course designed to introduce students to the Department of the Air Force (DAF) and provides an overview of the basic characteristics, missions, communications and organization of the Air Force and Space Force.

MAS 115 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 110. (F) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Acquires cadets with basic knowledge and skills to help them determine whether they wish to continue with the AFROTC program. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 116 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of Department Head
COREQUISITE: MAS 111. (Sp) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Acquires cadets with basic knowledge and skills to help them determine whether they wish to continue with the AFROTC program. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 210 Team and Leadership Fundamentals I: 1 Credit (1 Lec)
(F) AS200, "Team and Leadership Fundamentals," provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment.

MAS 211 Team and Leadership Fundamentals II: 1 Credit (1 Lec)
(Sp) AS200, "Team and Leadership Fundamentals," provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment.

MAS 215 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 210. (F) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides training to ensure every cadet is mentally and physically prepared for the rigorous field training environment. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 216 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 211. (Sp) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides training to ensure every cadet is mentally and physically prepared for the rigorous field training environment. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 260 USAF Aerospace Weapons: 3 Credits (3 Lec)
The study of the weapons systems employed by the United States Air Forces. It also presents the basics of their integration and employment at the operations level.

MAS 291 Special Topics: 1-4 Credits (1 Lec)
PREREQUISITE: None required but some may be determined necessary by each offering department. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number Repeatable up to 12 credits.

MAS 292 Independent Study: 1-4 Credits (1 Lec)
PREREQUISITE: Consent of instructor and approval of the director. Directed research and study on an individual basis Repeatable up to 6 credits.

MAS 309 Fld Training, 4 Week: 4 Credits (4 Lab)
PREREQUISITE: MAS 110, MAS 111, MAS 210, MAS 211 and junior standing. Required for all AFROTC cadets except those who have completed MAS 209. Orientation on an Air Force base, flying orientation, survival and small arms training, physical training, drill and ceremonies

MAS 310 Leading People and Effective Communication I: 3 Credits (3 Lec)
COREQUISITE: MAS 315. (F) AS300, "Leading People and Effective Communication," utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors

MAS 311 Leading People and Effective Communication II: 3 Credits (3 Lec)
COREQUISITE: MAS 316. (Sp) AS300, "Leading People and Effective Communication," utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors

MAS 315 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 310. (F) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides training to further develop their leadership and followership skills. Physical Training is associated with Leadership Lab objectives and attendance.
MAS 316 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 311. (Sp) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides cadets the opportunity to further develop their leadership and followership skills. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 410 National Security and Preparation for Active Duty I: 3 Credits (3 Lec)
COREQUISITE: MAS 415. (F) AS400, "National Security and Preparation for Active-Duty" is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security. 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.

MAS 411 National Security and Preparation for Active Duty II: 3 Credits (3 Lec)
COREQUISITE: MAS 416. (Sp) AS400, "National Security and Preparation for Active-Duty" is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security. 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.

MAS 415 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 410. (F) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides additional opportunities to develop leadership and supervisory capabilities and prepares cadets for their first active-duty assignment. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 416 Leadership Lab: 3 Credits (3 Lab)
PREREQUISITE: Consent of instructor and approval of department head
COREQUISITE: MAS 411. (Sp) A student planned, organized, and executed practicum with leadership developmental activities for prospective Air Force and Space Force second lieutenants. Provides additional opportunities to develop leadership and supervisory capabilities and prepares cadets for their first active-duty assignment. Physical Training is associated with Leadership Lab objectives and attendance.

MAS 491 Special Topics: 1-4 Credits (1-4 Lec)
PREREQUISITE: Course prerequisites as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number. Repeatable up to 12 credits.

MAS 492 Independent Study: 1-3 Credits (1 Other)
PREREQUISITE: Consent of instructor and approval of department head. Directed research and study on an individual basis. Repeatable up to 6 credits.