Military Science (MSC)

Military Science (MSC) Courses

MSC 1001. Introduction to the Army and Critical Thinking Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 1012. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Introduction to Army ROTC Laboratory.”).

MSC 1012. Introduction to the Army and Critical Thinking. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 1001. Introduces personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership, and the Army profession. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 1001) plus participate in organized physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly MSC 1011. Credit cannot be earned for both MSC 1012 and MSC 1011.) (Formerly titled “Introduction to Army ROTC.”).

MSC 1101. Adaptive Leadership and Professional Competence Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 1102. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Introduction to Tactical Leadership Laboratory.”).

MSC 1102. Adaptive Leadership and Professional Competence. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 1101. This course introduces Students to the professional challenges and competencies that are needed for effective execution of the profession of arms and Army communication. Through this course, Students will learn how Army ethics and values shape the army and the specific ways that these ethics are inculcated into Army culture. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 1101) plus participate in organized physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly MSC 1021. Credit cannot be earned for both MSC 1122 and MSC 1021.) (Formerly titled “Introduction to Tactical Leadership.”).

MSC 1122. Adaptive Leadership and Professional Competence. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 1101. This course introduces Students to the professional challenges and competencies that are needed for effective execution of the profession of arms and Army communication. Through this course, Students will learn how Army ethics and values shape the army and the specific ways that these ethics are inculcated into Army culture. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 1101) plus participate in organized physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly MSC 1021. Credit cannot be earned for both MSC 1122 and MSC 1021.) (Formerly titled “Introduction to Tactical Leadership.”).

MSC 2011. Leadership and Decision Making Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 2012. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Foundations of Leadership Laboratory.”).

MSC 2012. Leadership and Decision Making. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 2011. This is an academically challenging course where Students will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the squad level. Students are required to demonstrate writing skills and present information briefings in preparation for becoming a successful future U.S. Army officer. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 2011) plus participate in physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Foundations of Leadership.”) Generally offered: Fall.

MSC 2021. Army Doctrine and Team Development Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 2022. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Foundations of Tactical Leadership Laboratory.”).

MSC 2022. Army Doctrine and Team Development. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 2021. This course examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Students develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 2021) plus participate in physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Foundations of Tactical Leadership.”) Generally offered: Spring.

MSC 3011. Training Management and the Warfighting Functions Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 3013. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Leading Small Organizations I Laboratory.”).
MSC 3013. Training Management and the Warfighting Functions. (3-0) 3 Credit Hours.
Prerequisites: MSC 1012, MSC 1122, MSC 2012, and MSC 2022, or consent of instructor. Concurrent enrollment in MSC 3011. Concurrent enrollment in MSC 3011. This course introduces students to Military Mission Planning, the Army Operations Order Process, Military Land Navigation, the Tenants of Mission Command and the tactical skills and knowledge needed to lead at the squad and platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX). Students will receive feedback on their abilities as a leader and how to improve those leader skills that they can be further developed into a successful U.S. Army officer. Students attend three hours of lecture, two hours of leadership laboratory (MSC 3011) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Leading Small Organizations I.”) Generally offered: Fall.

MSC 3021. Applied Leadership in Small Unit Operations Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 3023. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Leading Small Organizations II Laboratory.”)

MSC 3023. Applied Leadership in Small Unit Operations. (3-0) 3 Credit Hours.
Prerequisite: MSC 3013 or consent of instructor. Concurrent enrollment in MSC 3021. This course continues to build on the skills and fundamentals taught and discussed during MSC 3013. Students will continue to study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating and leading a platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX). Successful completion of this course prepares students for the ROTC Cadet Leader Course (CLC), which they will attend in the summer at Fort Knox, KY. Students attend three hours of lecture, two hours of leadership laboratory (MSC 3021) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Leading Small Organizations II.”) Generally offered: Spring.

MSC 3033. American Military History. (3-0) 3 Credit Hours.
Prerequisites: MSC 1012, MSC 1122, MSC 2012, and MSC 2022, or consent of instructor. A comprehensive, but brief account of the US Army from past to present. Integrates the basic knowledge of American military history into the future officer’s education. This is an Army standardized, mandatory course that is a part of pre-commissioning training for contracted US Army ROTC cadets. Employs American military history as a tool for studying military professionalism and applying critical-thinking skills and decision-making skills to military problems. Analyzes the definition of Military History, the theory and practice of war, and the American Military System as an intellectual framework for applying critical-thinking skills and problem-solving skills to the study of historical military problems.

MSC 4011. The Army Officer Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 4013. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Adaptive Leadership Laboratory.”)

MSC 4013. The Army Officer. (3-0) 3 Credit Hours.
Prerequisite: MSC 3023 or consent of instructor. Concurrent enrollment in MSC 4011. This is an advanced course that places primary emphasis on Officership with our Senior Students. The overall objective of this course is to focus on the leadership development, critical thinking and final preparation for commissioning as U.S. Army 2nd Lieutenant. Students attend three hours of lecture, two hours of leadership laboratory (MSC 4011) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Adaptive Leadership.”) Generally offered: Fall.

MSC 4021. Company Grade Leadership Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 4023. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. Under the supervision of the Professor of Military Science, Senior Cadets are trained to forecast, plan resource and execute training events and venues for the entire ROTC Battalion. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis, and other local military installations. (Formerly titled “Leadership in a Complex World Laboratory.”)

MSC 4023. Company Grade Leadership. (3-0) 3 Credit Hours.
Prerequisite: MSC 4013 or consent of instructor. Concurrent enrollment in MSC 4021. Continues the methodology from MSC 4013. This course places significant emphasis on preparing Cadets for their Officer Basic Course, and their first unit of assignment. Cadets explore military professional ethics and ethical decision making process and how it applies to a complex operational environment. Cadets gain practical experience in cadet battalion leadership roles, demonstrate personnel skills in operations and communications, develop and evaluate junior students and gain an understanding of the contemporary military operating environment. Students attend three hours of lecture, two hours of leadership laboratory (MSC 4021) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly titled “Leadership in a Complex World.”) Generally offered: Spring.

MSC 4033. Practical Leadership. (3-0) 3 Credit Hours.
Prerequisite: MSC 4023 or consent of instructor. Performance-oriented instruction and preparation for commissioning. Additional development of students’ ability to plan, coordinate, and direct the efforts of Army small-unit organizations in the execution of tactical missions; planning and execution of leadership laboratories. Generally offered: Fall, Spring.