

# Military Science Program

## **Military Science**

The Army Reserve Officer Training Corps (ROTC) is a series of elective college courses, taken in conjunction with a full load of academic courses. Participation in ROTC instruction in leadership and management helps students develop discipline, physical stamina, and confidence. The ROTC program augments the Lyon College's strategic goals by emphasizing academic excellence and the development of personal integrity, honor, and responsibility.

## **Military Science Classes**

### **MSL 101: Introductory to the Army**

Focuses on introduction to the Army and critical thinking. It introduces Cadets to the Army and the Profession of Arms. Students will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model while gaining a complete understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the student. Cadets also learn how resiliency and fitness supports their development as an Army leader. Includes a weekly lab facilitated by MSL III Cadets and supervised by Cadre.

Credits: 1

### **MSL 102: Foundations of Agile and Adaptive Leadership**

Introduces Cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, time management, goal setting, and communication. Cadets learn the basics of the communications process and the importance for leader's to develop the essential skills to effectively communicate in the Army. Cadets will begin learning the basics of squad level tactics that will be reinforced during a weekly lab facilitated by MSL III Cadets and supervised by Cadre.

Credits: 1

Prerequisites: [MSL 101](#)

### **MSL 201: Leadership and Decision Making**

Focuses on leadership and decision making. The course adds depth to the Cadets understanding of the Adaptability Army Learning Area. The outcomes are demonstrated through Critical and Creative Thinking and the ability to apply Troop Leading Procedures (TLP) to apply Innovative Solutions to Problems. The Army Profession is also stressed through leadership forums and a leadership self- assessment. Students are then required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during a weekly lab facilitated by MSL III Cadets and supervised by Cadre.

Credits: 2

Prerequisites: MSL 101 and MSL 102

### **MSL 202: Army Doctrine and Team Development**

This course begins the journey to understand and demonstrate competencies as they relate to Army doctrine. Army Values, Teamwork, and Warrior Ethos and their relationship to the Law of Land Warfare and philosophy of military service are also stressed. The ability to lead and follow is also covered through Team Building exercises at squad level. Students are then required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during a weekly lab facilitated by MSL III Cadets and supervised by cadre.

Credits: 2

Prerequisites: MSL 101, MSL 102, and MSL 201

### **MSL 301: Training Management and the Warfighting Functions**

This is an academically challenging course where students will study, practice, and apply the fundamentals of Training Management and how the Army operates through the Warfighting functions. At the conclusion of this course, students will be capable of planning, preparing, and executing training for a squad conducting small unit tactics. Includes a lab per week using peer facilitation overseen by MSL IVs, supervised by ROTC Cadre.

Credits: 4

Prerequisites: MSL 101, MSL 102, MSL 201, and MSL 202

**MSL 302: Applied Leadership In Small Unit Operations**

This is an academically challenging course where students will study, practice, and apply the fundamentals of direct level leadership 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. Includes a lab per week using peer facilitation overseen by MSL IVs, supervised by ROTC Cadre. Successful completion of this course will help prepare students for the Cadet Summer Training Advance Camp, which you will attend in the summer at Fort Knox, KY.

Credits: 4

Prerequisites: MSL 101, MSL 102, MSL 201, MSL 202, and MSL 301

**MSL 401: The Army Officer**

Focuses on development of the Army Officer. It is an academically challenging course where students will develop knowledge, skills, and abilities to plan, resource, and assess training at the small unit level. Students will also learn about Army programs that support counseling subordinates and evaluating performance, values and ethics, career planning, and legal responsibilities. At the conclusion of this course students will be familiar with how to plan, prepare, execute, and continuously assess the conduct of training at the company or field grade officer level. Includes a lab per week overseeing MSL III lesson facilitation and supervised by ROTC Cadre.

Credits: 4

Prerequisites: MSL 101, MSL 102, MSL 201, MSL 202, MSL 301, and MSL 302

**MSL 402: Company Grade Leadership**

Students will develop knowledge, skills, and abilities required of junior officers pertaining to the Army in Unified Land Operations and Company Grade Officer roles and responsibilities. This course includes readings, small group assignments, briefings, case studies, practical exercises, and an Oral Practicum as the final exam. The Oral Practicum explores students' knowledge of how they will be prepared for the 20 Army Warfighting Challenges (AWFC) covered throughout the ROTC Advanced Course. Successful completion of this course will assist in preparing you for your BOLC B course and is a mandatory requirement for commissioning. Includes a lab per week overseeing MSL III lesson facilitation and supervised by ROTC Cadre.

Credits: 4

Prerequisites: MSL 101, MSL 102, MSL 201, MSL 202, MSL 301, MSL 302, and MSL 401