MILITARY SCIENCE - ARMY
CURRICULUM FRAMEWORK

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VISION

All Nevadans ready for success in the 21st century

MISSION

To improve student achievement and educator effectiveness by ensuring opportunities, facilitating learning, and promoting excellence

INTRODUCTION

The Nevada Career and Technical Education (CTE) Curriculum Frameworks are a resource for Nevada's public schools and charter schools to design, implement, and assess their CTE programs and curriculum. The content standards identified in this document are listed as a model for the development of local district programs and curriculum. They represent rigorous and relevant expectations for student performance, knowledge, and skill attainment which have been validated by industry representatives.

This curriculum framework ensures the following:

- CTE course(s) and course sequence teaches the knowledge and skills required by industry through applied learning methodology and, where appropriate, work-based learning experiences that prepare students for careers in high-wage, high-skill, and/or in-demand fields. Regional and state economic development priorities shall play an important role in determining program approval. Some courses also provide instruction focused on personal development.
- CTE course(s) and course sequence includes leadership and employability skills as an integral part of the curriculum.
- CTE course(s) and course sequence is part of a rigorous program of study and includes sufficient technical challenge to meet state and/or industry-standards.

NEVADA DEPARTMENT OF EDUCATION

CURRICULUM FRAMEWORK FOR
MILITARY SCIENCE-ARMY

PROGRAM INFORMATION

Program Title:	**Military Science**
State Skill Standards:	**Military Science**
Standards Reference Code:	**MSCI**
Career Cluster:	**Government and Public Administration**
Career Pathway:	**National Security**
Program Length:	**3-year, completed sequentially**
Program Assessments:	**Military Science**
	Workplace Readiness Skills
CTSO:	**HOSA: Future Health Professionals; SkillsUSA**
Grade Level:	**9-12**
Industry Certifications:	**See Nevada's Approved Certification Listing**

PROGRAM PURPOSE

The purpose of this program is to prepare students for postsecondary education and employment in the Military Science industry.

The program includes the following state standards:

- Nevada CTE Skill Standards: Military Science
- Employability Skills for Career Readiness
- Nevada Academic Content Standards (alignment shown in the Nevada CTE Skill Standards):
  - English Language Arts
  - Mathematics
  - Science
- Common Career Technical Core (alignment shown in the Nevada CTE Skill Standards)

CAREER CLUSTERS

The National Career Clusters® Framework provides a vital structure for organizing and delivering quality CTE programs through learning and comprehensive programs of study (POS). In total, there are 16 Career Clusters in the National Career Clusters Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career. As an organizing tool for curriculum design and instruction, Career Clusters provide the essential knowledge and skills for the 16 Career Clusters and their Career Pathways.*

*Cite: National Association of State Directors of Career Technical Education Consortium. (2012). Retrieved from https://cte.careertech.org/sites/default/files/CareerClustersPathways.pdf and https://www.air.org/sites/default/files/CTEClusters.pdf

PROGRAM OF STUDY

The program of study illustrates the sequence of academic and career and technical education coursework that is necessary for the student to successfully transition into postsecondary educational opportunities and employment in their chosen career path. (NAC 389.803)

PROGRAM STRUCTURE

The core course sequencing with the complementary courses provided in the following table serves as a guide to schools for their programs of study. Each course is listed in the order in which it should be taught. Complete program sequences are essential for the successful delivery of all state standards in each program area. A program does not have to utilize the complementary courses for students to complete their program of study.

MILITARY SCIENCE

Required Core Course Sequence (R) with Complementary Courses (C)

Required/ Complementary	Course Title	Abbreviated Name	CIP Code	SCED Subject Area	SCED Course Identifier	SCED Course Level	SCED Unit Credit	SCED Course Sequence	SCED Course Number
R	Military Science I	MIL SCI I	28.0503	09	002	G	1.00	13	09002G1.0013
R	Military Science II	MIL SCI II	28.0503	09	002	G	1.00	23	09002G1.0023
R	Military Science III	MIL SCI III	28.0503	09	002	G	1.00	33	09002G1.0033
C	Military Science AS	MIL SCI AS	28.0503	09	002	E	1.00	11	09002E1.0011

STATE SKILL STANDARDS

The state skill standards are designed to clearly state what the student should know and be able to do upon completion of an advanced high school career and technical education (CTE) program. The standards are designed for the student to complete all standards through their completion of a program of study. The standards are designed to prepare the student for the end-of-program technical assessment directly aligned to the standards. (Paragraph (a) of Subsection 1 of NAC 389.800)

EMPLOYABILITY SKILLS FOR CAREER READINESS STANDARDS

Employability skills, often referred to as "soft skills," have for many years been a recognizable component of the standards and curriculum in career and technical education programs. The twenty-one standards are organized into three areas: (1) Personal Qualities and People Skills; (2) Professional Knowledge and Skills; and (3) Technology Knowledge and Skills. The standards are designed to ensure students graduate high school properly prepared with skills employers prioritize as the most important. Instruction on all twenty-one standards must be part of each course of the CTE program. (Paragraph (d) of Subsection 1 of NAC 389.800)

CURRICULUM FRAMEWORK

The Nevada CTE Curriculum Frameworks are organized utilizing the recommended course sequencing listed in the program of study and the CTE Course Catalog. The framework identifies the recommended content standards, performance standards, and performance indicators that should be taught in each course.

CAREER AND TECHNICAL STUDENT ORGANIZATIONS (CTSOS)

To further the development of leadership and technical skills, students must have opportunities to participate in one or more of the Career and Technical Student Organizations (CTSOs). CTSOs develop character, citizenship, and the technical, leadership and teamwork skills essential for the workforce and their further education. Their activities are considered a part of the instructional day when they are directly related to the competencies and objectives in the course. (Paragraph (a) of Subsection 3 of NAC 389.800)

WORKPLACE READINESS SKILLS ASSESSMENT

The Workplace Readiness Skills Assessment has been developed to align with the Nevada CTE Employability Skills for Career Readiness Standards. This assessment provides a measurement of student employability skills attainment. Students who complete a program will be assessed on their skill attainment during the completion level course. Completion level courses are identified in the Program Structure table as SCED Course Level "G" and SCED Course Sequence 22 or 33. (Paragraph (d) of Subsection 1 of NAC 389.800)

END-OF-PROGRAM TECHNICAL ASSESSMENT

An end-of-program technical assessment may be implemented for those programs with current industry validated standards to align with the Nevada CTE Skill Standards for this program. This assessment provides a measurement of student technical skill attainment. Students who complete a program will be assessed on their skill attainment during the completion level course. Completion level courses are identified in the Program Structure table as SCED Course Level "G" and SCED Course Sequence 22 or 33. (Paragraph (e) of Subsection 1 of NAC 389.800)

CERTIFICATE OF SKILL ATTAINMENT

Each student who completes a course of study must be awarded a certificate which states that they have attained specific skills in the industry being studied and meets the following criteria: A student must maintain a 3.0 grade point average in their approved course of study, pass the Workplace Readiness Skills Assessment, and pass the end-of-program technical assessment. (Subsection 4 of NAC 389.800)

CTE ENDORSEMENT ON A HIGH SCHOOL DIPLOMA

A student qualifies for a CTE endorsement on their high school diploma after successfully completing the following criteria: (1) completion of a CTE course of study in a program area; (2) completion of academic requirements governing receipt of a standard diploma; and (3) meet all requirements for the issuance of the Certificate of Skill Attainment. (NAC 389.815)

CTE COLLEGE CREDIT

CTE College Credit is awarded to students based on articulation agreements established by each college for the CTE program, where the colleges will determine the credit value of a full high school CTE program based on course alignment. An articulation agreement will be established for each CTE program designating the number of articulated credits each college will award to students who complete the program.

CTE College Credit is awarded to students who: (1) complete the CTE course sequence with a grade-point average of 3.0 or higher; (2) pass the state end-of-program technical assessment for the program; and (3) pass the Workplace Readiness Assessment for employability skills.

Pre-existing articulation agreements will be recognized until new agreements are established according to current state policy and the criteria shown above.

Please refer to the local high school's course catalog or contact the local high school counselor for more information. (Paragraph (b) of Subsection 3 of NAC 389.800)

ACADEMIC CREDIT FOR CTE COURSEWORK

Career and technical education courses meet the credit requirements for high school graduation (1 unit of arts and humanities or career and technical education). Some career and technical education courses meet academic credit for high school graduation. Please refer to the local high school's course catalog or contact the local high school counselor for more information. (NAC 389.672)

CORE COURSES

RECOMMENDED STUDENT PERFORMANCE STANDARDS

COURSE INFORMATION

Course Title: **Military Science I**
Abbreviated Name: **MIL SCI I**
Credits: **1**
Prerequisite: **None**
CTSO: **HOSA: Future Health Professionals; SkillsUSA**

COURSE DESCRIPTION

This course introduces student to the fundamentals of Military Science. Areas of emphasis include introduction of JROTC, foundation of leadership, citizenship, wellness, physical fitness, and first aid. Students will also gain experience in specific branch topics related to their program (Air Force, Army, Marine Corps, Navy, or Space Force).

TECHNICAL STANDARDS

CONTENT STANDARD 1.0: **INTEGRATE CAREER AND TECHNICAL STUDENT ORGANIZATIONS (CTSOS)**
Performance Standard 1.1: Explore the History and Organization of CTSOs
Performance Indicators: 1.1.1-1.1.3
Performance Standard 1.2: Develop Leadership Skills
Performance Indicators: 1.2.1-1.2.6
Performance Standard 1.3: Participate in Community Service
Performance Indicators: 1.3.1-1.3.3
Performance Standard 1.4: Develop Professional and Career Skills
Performance Indicators: 1.4.1-1.4.5
Performance Standard 1.5: Understand the Relevance of Career and Technical Education (CTE)
Performance Indicators: 1.5.1-1.5.3
CONTENT STANDARD 2.0: **UNDERSTAND THE FOUNDATIONS OF JUNIOR RESERVE OFFICERS' TRAINING CORPS (JROTC)**
Performance Standard 2.1: Explore Drill and Ceremonies
Performance Indicators: 2.1.1-2.1.2
Performance Standard 2.2: Understand Customs and Courtesies
Performance Indicators: 2.2.1-2.2.2
Performance Standard 2.3: Explore the History of JROTC
Performance Indicators: 2.3.1-2.3.2
Performance Standard 2.4: Explore Core Values
Performance Indicators: 2.4.1
CONTENT STANDARD 3.0: **EXPLORE THE FOUNDATION OF LEADERSHIP**
Performance Standard 3.1: Understand Followership
Performance Indicators: 3.1.1-3.1.3
Performance Standard 3.2: Define Leadership
Performance Indicators: 3.2.1-3.2.5

Performance Standard 3.3:	Outline Principles of Leadership
Performance Indicators:	3.3.1-3.3.3
CONTENT STANDARD 4.0:	**EXAMINE CITIZENSHIP**
Performance Standard 4.1:	Identify Civics
Performance Indicators:	4.1.1-4.1.4
Performance Standard 4.2:	Understand the Foundations of the United States Government
Performance Indicators:	4.2.1-4.2.4
Performance Standard 4.3:	Understand the American Flag
Performance Indicators:	4.3.1-4.3.4
CONTENT STANDARD 15.0:	**EXPLORE THE UNITED STATES ARMY**
Performance Standard 15.1:	Define Army Values
Performance Indicators:	15.1.1-15.1.2
Performance Standard 15.2:	Conduct Service Learning
Performance Indicators:	15.2.1-15.2.2

EMPLOYABILITY SKILLS FOR CAREER READINESS STANDARDS

CONTENT STANDARD 1.0:	**DEMONSTRATE EMPLOYABILITY SKILLS FOR CAREER READINESS**
Performance Standard 1.1:	Demonstrate Personal Qualities and People Skills
Performance Indicators:	1.1.1-1.1.7
Performance Standard 1.2:	Demonstrate Professional Knowledge and Skills
Performance Indicators:	1.2.1-1.2.10
Performance Standard 1.3:	Demonstrate Technology Knowledge and Skills
Performance Indicators:	1.3.1-1.3.4

ALIGNMENT TO THE NEVADA ACADEMIC CONTENT STANDARDS*

English Language Arts:	Reading Standards for Literacy in Science and Technical Subjects Writing Standards for Literacy in Science and Technical Subjects Speaking and Listening

*Refer to the Military Science Standards for alignment by performance indicator.

COURSE INFORMATION

Course Title: **Military Science II**
Abbreviated Name: **MIL SCI II**
Credits: **1**
Prerequisite: **Military Science I**
CTSO: **HOSA: Future Health Professionals; SkillsUSA**

COURSE DESCRIPTION

This course is a continuation of Military Science I. This course provides military science students the ability to further their skills and knowledge levels. Areas of emphasis include personal growth, basic leadership, military careers, military branch core values, and communications. Students will also gain experience in specific branch topics related to their program (Air Force, Army, Marine Corps, Navy, or Space Force).

TECHNICAL STANDARDS

CONTENT STANDARD 1.0: **INTEGRATE CAREER AND TECHNICAL STUDENT ORGANIZATIONS (CTSOS)**
Performance Standard 1.1: Explore the History and Organization of CTSOs
Performance Indicators: 1.1.1-1.1.3
Performance Standard 1.2: Develop Leadership Skills
Performance Indicators: 1.2.1-1.2.6
Performance Standard 1.3: Participate in Community Service
Performance Indicators: 1.3.1-1.3.3
Performance Standard 1.4: Develop Professional and Career Skills
Performance Indicators: 1.4.1-1.4.5
Performance Standard 1.5: Understand the Relevance of Career and Technical Education (CTE)
Performance Indicators: 1.5.1-1.5.3
CONTENT STANDARD 5.0: **PRACTICE WELLNESS, PHYSICAL FITNESS AND FIRST AID**
Performance Standard 5.1: Define Wellness
Performance Indicators: 5.1.1-5.1.6
Performance Standard 5.2: Explore Physical Fitness
Performance Indicators: 5.2.1-5.2.3
Performance Standard 5.3: Apply First Aid and Emergency Response
Performance Indicators: 5.3.1-5.3.2
CONTENT STANDARD 6.0: **APPLY PERSONAL GROWTH**
Performance Standard 6.1: Explore Foundations for Success
Performance Indicators: 6.1.1-6.1.5
CONTENT STANDARD 7.0: **UNDERSTAND BASIC LEADERSHIP**
Performance Standard 7.1: Prepare for Leadership
Performance Indicators: 7.1.1-7.1.8
CONTENT STANDARD 15.0: **EXPLORE THE UNITED STATES ARMY**
Performance Standard 15.3: Demonstrate the Proper Wear of Army Uniforms
Performance Indicators: *15.3.1-15.3.3*

EMPLOYABILITY SKILLS FOR CAREER READINESS STANDARDS

CONTENT STANDARD 1.0:	**DEMONSTRATE EMPLOYABILITY SKILLS FOR CAREER READINESS**
Performance Standard 1.1:	Demonstrate Personal Qualities and People Skills
Performance Indicators:	1.1.1-1.1.7
Performance Standard 1.2:	Demonstrate Professional Knowledge and Skills
Performance Indicators:	1.2.1-1.2.10
Performance Standard 1.3:	Demonstrate Technology Knowledge and Skills
Performance Indicators:	1.3.1-1.3.4

ALIGNMENT TO THE NEVADA ACADEMIC CONTENT STANDARDS*

English Language Arts:	Reading Standards for Literacy in Science and Technical Subjects
	Writing Standards for Literacy in Science and Technical Subjects
	Speaking and Listening

*Refer to the Military Science Standards for alignment by performance indicator.

COURSE INFORMATION

Course Title: **Military Science III**
Abbreviated Name: **MIL SCI III**
Credits: **1**
Prerequisite: **Military Science II**
Program Assessments: **Military Science**
Workplace Readiness Skills
CTSO: **HOSA: Future Health Professionals; SkillsUSA**

COURSE DESCRIPTION

This course is continuation of Military Science II. This course provides an in-depth experience that applies the processes, concepts, and principles as described in the classroom instruction. Areas of emphasis include intermediate leadership and financial planning. Student swill also gain experience in specific branch topics related to their program (Air Force, Army, Marine Corps, Navy, or Space Force). The appropriate use of technology and industry-standard equipment is an integral part of this course.

TECHNICAL STANDARDS

CONTENT STANDARD 8.0: **EXPLORE MILITARY CAREERS**
Performance Standard 8.1: Understand Career Opportunities
Performance Indicators: 8.1.1-8.1.2
CONTENT STANDARD 9.0: **DEFINE MILITARY BRANCH CORE VALUES**
Performance Standard 9.1: Understanding Guiding Principles
Performance Indicators: 9.1.1-9.1.2
CONTENT STANDARD 10.0: **EXPLORE ELEMENTS OF COMMUNICATIONS**
Performance Standard 10.1: Identify Communication Methods
Performance Indicators: 10.1.1-10.1.4
CONTENT STANDARD 15.0: **EXPLORE THE UNITED STATES ARMY**
Performance Standard 15.5: Demonstrate Orienteering
Performance Indicators: 15.5.1-15.5.3

EMPLOYABILITY SKILLS FOR CAREER READINESS STANDARDS

CONTENT STANDARD 1.0: **DEMONSTRATE EMPLOYABILITY SKILLS FOR CAREER READINESS**
Performance Standard 1.1: Demonstrate Personal Qualities and People Skills
Performance Indicators: 1.1.1-1.1.7
Performance Standard 1.2: Demonstrate Professional Knowledge and Skills
Performance Indicators: 1.2.1-1.2.10
Performance Standard 1.3: Demonstrate Technology Knowledge and Skills
Performance Indicators: 1.3.1-1.3.4

ALIGNMENT TO THE NEVADA ACADEMIC CONTENT STANDARDS*

English Language Arts: Reading Standards for Literacy in Science and Technical Subjects
Writing Standards for Literacy in Science and Technical Subjects
Speaking and Listening

Mathematics: Statistics and Probability

*Refer to the Military Science Standards for alignment by performance indicator.

COMPLEMENTARY COURSES

RECOMMENDED STUDENT PERFORMANCE STANDARDS

COURSE INFORMATION

Course Title: **Military Science Advances Studies**

Abbreviated Name: **MIL SCI AS**

Credits: **1**

Prerequisite: **Military Science III**

CTSO: **HOSA: Future Health Professionals; SkillsUSA**

COURSE DESCRIPTION

This course is a continuation of Military Science III. This course provides advanced military science students the ability to further their skills and knowledge levels. Areas of emphasis include advanced leadership, management, and specific branch topics. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon success completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

TECHNICAL STANDARDS

CONTENT STANDARD 11.0: **EXPLORE INTERMEDIATE LEADERSHIP**

Performance Standard 11.1: Apply Leadership Strategies and Techniques

Performance Indicators: 11.1.1-11.1.7

Performance Standard 11.2: Recognize Diversity, Respect, and Tolerance

Performance Indicators: 11.2.1-11.2.3

CONTENT STANDARD 12.0: **EXPLORE FINANCIAL PLANNING**

Performance Standard 12.1: Describe Financial Planning

Performance Indicators: 12.1.1-12.1.3

CONTENT STANDARD 13.0: **PERFORM ADVANCED LEADERSHIP**

Performance Standard 13.1: Analyze Leadership Concepts

Performance Indicators: 13.1.1-13.1.3

CONTENT STANDARD 15.0: **EXPLORE THE UNITED STATES ARMY**

Performance Standard 15.4: Create Portfolios

Performance Indicators: 15.4.1-15.4.4

EMPLOYABILITY SKILLS FOR CAREER READINESS STANDARDS

CONTENT STANDARD 1.0: **DEMONSTRATE EMPLOYABILITY SKILLS FOR CAREER READINESS**

Performance Standard 1.1: Demonstrate Personal Qualities and People Skills

Performance Indicators: 1.1.1-1.1.7

Performance Standard 1.2: Demonstrate Professional Knowledge and Skills

Performance Indicators: 1.2.1-1.2.10

Performance Standard 1.3: Demonstrate Technology Knowledge and Skills

Performance Indicators: 1.3.1-1.3.4

ALIGNMENT TO THE NEVADA ACADEMIC CONTENT STANDARDS*

English Language Arts: Reading Standards for Literacy in Science and Technical Subjects
Writing Standards for Literacy in Science and Technical Subjects
Speaking and Listening

Mathematics: Statistics and Probability

*Refer to the Military Science Standards for alignment by performance indicator.