

2006 Sample Course Exhibit

(This sample applies to courses reviewed before September 30, 2015.)

AR-2201-0501¹ v5²

FIELD ARTILLERY SENIOR RADAR/TARGETING SERGEANT, SENIOR LEADER³

Course Number:⁴ 221-13R40-C46.

Location:⁵ NCO Academy, Fort Sill, OK.

Length:⁶ 10 weeks (390 hours).

Exhibit Dates:⁷ 10/14–Present.

Learning Outcomes:⁸ Upon completion of the course, the student will be able to write research papers utilizing MLA writing guidelines; apply leadership fundamentals to create a climate that fosters ethical behavior; resolve ethical problems; manage and supervise organizational assets and operations; perform personnel and administrative staff duties; employ logistical and tactical operations management procedures; manage policies and procedures related to human resources; apply risk management to operations, training, and activities; identify leadership principles and skills needed to mitigate the impact of operations on resilience and mental fitness within organizations; prepare and present oral and written reports; supervise and perform both corrective and preventive maintenance on a radar system; and apply safety standards to the use of electronic test equipment in troubleshooting operations.

Instruction:⁹ Methods of instruction include classroom exercises, discussion, learner presentations, and lecture. General course topics include human resources policies and procedures; risk management; ethics; organizational management; logistics; tactical operations; leadership; communication skills; and strategic thinking.

Methods of Assessment:¹⁰ Methods of assessment include written papers, presentations, and examinations.

Related Competencies:¹¹ **Radar systems operation, troubleshooting, and repair** topics include power flow, radar operator procedures, radar safety, radar subsystems, radar uses and limitations, schematics and block diagrams, test equipment, and troubleshooting procedures. **Electronic systems** topics include AC/DC circuits, combination gates, digital circuits, diodes, gates, number conversion systems, and transistor circuits. **Organizational leadership** topics include communication skills, decision-making, ethics, human resources, leadership principles, personnel supervision, and strategic planning. **Operations management** topics include general management principles, logistics, operations planning, personnel allocation/management, resource allocation, risk management, and tactics.

Credit Recommendation:¹² In the lower-division baccalaureate/associate degree category, 3 semester hours in radar systems operation, troubleshooting, and repair and 3 in electronic systems. In the upper-division baccalaureate degree category, 3 semester hours in organizational leadership and 3 in operations management (11/14)¹³(11/14).¹⁴

Related Occupations: 13R.¹⁵

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1 ACE ID number: All course ID numbers have two-letter codes that identify the service: AR is Army, NV is Navy, MC is Marine Corps, AF is Air Force, CG is Coast Guard and DD is Department of Defense

2 This is the version number for this course. See the exhibit dates below for the dates covered by this version

3 Military course title.

4 Military course number used by the service school.

5 Location of the service school, installation and state where the course is taught.

6 The weeks indicate the length of the course and the hours in parentheses show the contact hours with instructors.

7 These are the dates that apply to this version. Use the version that corresponds to the date the student started the course.

8 Learning outcomes describe what the student is expected to know, understand or be able to demonstrate at the end of the course.

9 This section describes the methods of instruction used in the course and major subject areas covered.

10 Methods of assessment show the tools used to test the student's mastery of the topics taught in the course.

11 Related competencies align with the credit recommendations by subject and provide more details on the specific topics addressed in the course.

12 The credit recommendation identifies the proposed course subject area, academic level, and semester hours.

13 This is the date the course was evaluated by a team of faculty reviewers.

14 This is the date the course was last reviewed by ACE staff. Administrative reviews are done when there are minor changes to course content.

15 Related occupations are included only for Army courses. Colleges should compare the course and occupation exhibits before awarding credit.