

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

OCCUPATION EXHIBIT

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MOS-74D-006

CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR SPECIALIST

74D30

74D40

Exhibit Dates: 10/14–Present.

Description

Summary: The CBRN specialists conduct CBRN reconnaissance and surveillance; perform decontamination operations; conduct obscuration operations; conduct CBRN sensitive site exploitation; and operate and perform operator maintenance on assigned CBRN defense and individual CBRN protective equipment. Additionally, in non-chemical units, the CBRN NCO plan, conduct, and evaluate individual and collective CBRN training, and provide technical advice on all CBRN operations and hazards for company and higher-level organizations. **Skill Level 30:** The student will be able to demonstrate understanding of the military decision-making process; apply appropriate problem-solving techniques; process information and situational data in a timely manner; analyze situations and consider multiple plans of action; align situational analysis with standard operating procedures and regulations (local/federal/state/international/organizational); create oral and written communications to accommodate special audiences; develop technical manuals; develop effective interpersonal communication skills; apply appropriate writing conventions, i.e., grammar, mechanics, and spelling; advise leadership of situations based on analysis and outcomes; plan using goals and organizational skills; develop personnel motivational strategies; delegate tasks to personnel; perform scheduling and prioritization functions; recommend promotion and demotion; review legal and financial issues with personnel; organize and schedule unit training; plan all aspects of logistical support; request support and materials; conduct assessments of unit needs; coordinate multi-level unit interactions; conduct briefings and training meetings; evaluate training; manage a CBRN program at a given location; implement an emergency decontamination line; advise superiors of proper personal protection equipment (PPE) selection; support and implement controls for chemical, biological, and radiological events; recognize a hazardous materials event and mitigate conditions; utilize proper PPE for handling, mitigation, and decontamination; conduct risk assessments; devise solutions for effective response to risk; plan for potential chemical, biological, radiological, and nuclear risks; employ appropriate mitigation techniques; and manage resources necessary to effectively prepare for and respond to potential crises. **Skill Level 40:** Able to perform the duties required for Skill Level 30; demonstrate knowledge of organizational guidelines and administrative procedures; coordinate and manage resources; develop and deploy training; provide senior-level briefings; employ community planning; and coordinate staff operations.

Related Competencies

Hazardous materials topics include critical thinking, decontamination operations, hazardous materials mitigation, personal protective equipment (PPE), and research. **Crisis and disaster management** topics include mitigation, planning, resource management, response, and risk assessment. **Critical thinking and decision-making** topics include assessment, communications, critical analysis, critical thinking, decision-making, and regulations. **Communications** topics include development, interpersonal communications, oral and written communications, situational analysis, and writing mechanics. **Supervision** topics include delegation, finance, goal setting, legal issues, personnel strategies, and scheduling. **Training** topics include assessment, curriculum training, and logistical planning. **Organizational planning** topics include briefings, operations, organizational guidelines, planning, resource management, and training.

Recommendation, Skill Level 30

In the lower-division baccalaureate/associate degree category, 3 semester hours in critical thinking and decision-making, 3 in communications, 3 in supervision, and 3 in training. In the upper-division baccalaureate degree category, 3 semester hours in hazardous materials, and 3 in crisis and disaster management (8/16)(8/16).

Recommendation, Skill Level 40

In the lower-division baccalaureate/associate degree category, 3 semester hours in critical thinking and decision-making, 3 in communications, 3 in supervision, and 3 in training. In the upper-division baccalaureate degree category, 3 semester hours in hazardous materials, 3 in crisis and disaster management, and 3 in organizational planning (8/16)(8/16).

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ACE occupation reviews are conducted by faculty currently teaching at appropriately accredited colleges and universities. Faculty teams analyze the official occupation standards and validate the duties and requirements through service member interviews to determine if the content, scope, and rigor of the experiential learning align to current postsecondary curricula. A minimum of 3 faculty evaluators must achieve consensus on credit recommendations. Please see [Faculty Evaluators - Home Page](#) for more information.

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