

# Sample Occupation Exhibit

(This sample applies to occupations reviewed after October 1, 2016.)

**NER-ND-002<sup>1</sup>**

**Title:<sup>2</sup>** NAVY DIVER

**Exhibit Dates:<sup>3</sup>** 10/16–Present.

**Summary:<sup>4</sup>** Navy Divers (ND) perform underwater salvage, recovery, repair, and maintenance on ships and submarines; search for and recover downed aircraft; conduct harbor clearance operations; provide assistance to military, federal, state, and local civilian law enforcement agencies in diving operations and procedures; maintain and repair diving equipment and systems; research and develop new diving techniques and procedures; conduct submarine rescue operations; maintain forms, records, correspondence, and files; and perform and supervise recompression chamber operations, hyperbaric treatment for diving and non-diving illnesses, open and closed-circuit Underwater Breathing Apparatus (UBA) diving, surface-supplied air and mixed-gas diving operations, demolition operations, and small arms proficiency.

**Credit Recommendations<sup>5</sup>**

## **Recommendation, ND3**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, and 3 in team building (10/16)<sup>6</sup>(10/16).<sup>7</sup>

## **Recommendation, ND2**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, 3 in team building, 3 in introduction to leadership, 3 in oral communication, 3 in industrial safety, and 3 in operational risk management (10/16)(10/16).

## **Recommendation, ND1**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, 3 in team building, 3 in introduction to leadership, 3 in oral communication, 3 in industrial safety, 3 in operational risk management, 3 in written communications, and 3 in supervision. In the upper-division baccalaureate degree category, 3 semester hours in logistics (10/16)(10/16).

## **Recommendation, NDC**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, 3 in team building, 3 in introduction to leadership, 3 in oral communication, 3 in industrial safety, 3 in operational risk management, 3 in written communications, and 3 in supervision. In the upper-division baccalaureate degree category, 3 semester hours in logistics, 3 in critical thinking and decision-making; 3 in human resource management; and 3 in operation management (10/16)(10/16).

## **Recommendation, NDCS**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, 3 in team building, 3 in introduction to leadership, 3 in oral communication, 3 in industrial safety, 3 in operational risk management, 3 in written communications, and 3 in supervision. In the upper-division baccalaureate degree category, 3 semester hours in logistics, 3 in critical thinking and decision-making, 3 in human resource management, 3 in operation management, and 3 in project management (10/16)(10/16).

**1** ACE ID number: All occupation ID numbers have three-letter codes that identify the service. MOS means an Army occupation, NER is a Navy rating, NEC is a Navy Enlisted Classification, NWO is a Navy Warrant Officer, LDO is a Navy Limited Duty Officer, MCE is a Marine Corps enlisted occupation, MCO is a Marine Corps Warrant Officer, CGR is a Coast Guard rating, and CGW is a Coast Guard Warrant Officer.

**2** Occupation title used by the service.

**3** Start and end dates by month and year. "Present" indicates the exhibit is current.

**4** Describes the official mission of the occupation and its primary duties. Synthesizes the skills, competencies, and knowledge of the service member in this occupation.

**5** Recommendations are tied to the service member's rank or skill level. Use the appropriate recommendation for the service member's current rank or skill level. The credit recommendation identifies the proposed course subject area, academic level, and semester hours.

**6** The first date is the date the occupation was evaluated by a team of faculty reviewers. Team reviews must occur at least every 10 years.

**7** The second date is the date the course was last reviewed by ACE staff. Administrative reviews are done when there are minor changes.

## **Recommendation, NDCM**

In the lower-division baccalaureate/associate degree category, 3 semester hours in gas and electric welding, 3 in basic seamanship, 3 in diving medical technician, 4 in emergency medical technician basic practicum, 3 in team building, 3 in introduction to leadership, 3 in oral communication, 3 in industrial safety, 3 in operational risk management, 3 in written communications, and 3 in supervision. In the upper-division baccalaureate degree category, 3 semester hours in logistics, 3 in critical thinking and decision-making, 3 in human resource management, 3 in operation management, and 3 in project management (10/16)(10/16).

## **Lower-Level Learning Outcomes<sup>8</sup>**

### **Gas and Electric Welding**

The student will be able to identify shielded metal arc welding electrodes; sketch simple designs; read welding sketches; weld by the shielded metal arc welding process; fabricate metal parts; cut metal by the carbon arc and oxy-acetylene processes; describe weld defects; and utilize welding tools.

### **Basic Seamanship**

The student will be able to utilize a ship's compass; recognize marine chart symbols; observe rules of the nautical road; pilot small vessels under 65 feet long; tie simple knots; utilize electronic charts and GPS; utilize VHF marine band communication; practice Safety of Life at Sea (SOLAS) life-saving drills; and dock small vessels.

### **Diving Medical Technician**

The student will be able to perform basic hyperbaric therapeutic measures; assess responses to hyperbaric therapy; perform basic neurological, respiratory, and cardiovascular assessments; user hyperbaric chamber controls; assess diving-related injuries for conditions requiring hyperbaric decompression therapy; identify oxygen toxicity; monitor patients during hyperbaric therapy; describe principles of dive medicine; and manage non-complex dive injuries due to hyperthermia, hypoxia, marine animals, and carbon dioxide poisoning.

### **Emergency Medical Technician Basic Practicum**

The student will be able to perform basic life support measures; obtain and maintain intravenous access points; maintain basic oxygen therapy; apply principles of hemostasis; perform basic trauma care; perform combat first aid; use automated external defibrillators; and perform basic first aid following exposure to hazardous materials.

### **Team Building**

The student will be able to function as a contributing member of a small work team; demonstrate interpersonal skills required for effective team communication; perform basic leadership and followership skills required in a small work team; and think critically and employ decision-making and problem solving techniques.

### **Introduction to Leadership**

The student will be able to perform the required leadership tasks and functions required of a small work team; plan and organize work at the small group level; manage resources allocated and required for mission accomplishment at the work team level; and coach and mentor work team members.

### **Oral Communication**

The student will be able to develop effective interpersonal communication skills; create oral briefs to communicate laterally, upward, and downward; research and develop topics; demonstrate verbal and speaking processes through organization, drafting, revision, editing, and presentation; and apply principles of critical thinking, problem solving and technical proficiency in oral presentations and arguments.

<sup>8</sup> Learning outcomes support the subject area credit recommendations and describe what the student is expected to know, understand, or be able to demonstrate.

### **Industrial Safety**

The student will be able to recognize hazardous materials (HAZMAT) handling procedures; conduct HAZMAT inspections; utilize personal protective equipment (PPE) protocols; demonstrate proper lockout and tagout procedures on protective equipment; and utilize material safety data sheets.

### **Operational Risk Management**

The student will be able to recognize risk management; demonstrate mechanical systems safety procedures; demonstrate accident prevention processes; conduct critical decision-making; functionalize group risk analysis; conduct mission planning; conduct individual risk analysis; functionalize personal protective equipment; and conduct tactical communications.

### **Written Communications**

The student will be able to apply appropriate writing conventions, such as grammar, mechanics, punctuation, and spelling; utilize communication technologies appropriately and effectively, such as email and Microsoft office; create written communications to accommodate a specific audience and purpose; develop effective interpersonal communication skills; read, analyze, and develop briefings.

### **Supervision**

The student will be able to develop personnel motivational strategies; delegate tasks to personnel; establish goals and expectations to operate work groups; and perform personnel disciplinary reviews, counseling, and mentoring.

## **Upper-Level Learning Outcomes<sup>9</sup>**

### **Logistics**

The student will be able to conduct cargo documentation procedures; recognize inventory control; conduct planning assessments recognize permit procurement procedures; discuss logistical performance metrics; utilize continuous process improvement; demonstrate logistical support operations; and operationalize systems life cycle management.

### **Critical Thinking and Decision-Making**

The student will be able to demonstrate basic critical thinking skills and abilities; employ basic problem solving and decision-making models and approaches; analyze and evaluate multiple courses of action in complex environments; and develop alternative paths and contingency plans as the situation dictates.

### **Human Resource Management**

The student will be able to critically assess and evaluate human resources policies and practices; incorporate strategic management processes in human resource practices; and manage conflict resolution among personnel.

### **Operation Management**

The student will be able to integrate occupational compliance and safety best practices; integrate cultural and international laws into organizational practices; create measured improvements in organizational operational performance; employ techniques to measure quality control; demonstrate sustainable operational plans; integrate supply chain methodologies; and utilize aggregate planning, distribution planning, and inventory management.

### **Project Management**

The student will be able to leverage project resources; apply cost and benefit methods and rationale for project prioritization; utilize project management framework; conduct risk management; and monitor milestone definitions and project task identification.

<sup>9</sup> Learning outcomes support the subject area credit recommendations and describe what the student is expected to know, understand, or be able to demonstrate.