GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

COURSE EXHIBIT

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NV-1710-0118 v5

Title: INTER-SERVICE BUILDER "A" SCHOOL USN

Course Number: A-710-0010.

Location: Naval Construction Training Center, Gulfport, MS.

Length: 11 weeks (439 hours).

Exhibit Dates: 9/13–Present.

Learning Outcomes: Upon completion of the course, the student will be able to read basic construction plans; install doors and windows; lay roofing shingles; understand safe handling and use of construction tools and equipment; perform basic tasks such as concrete, masonry, and light frame construction; perform concrete emplacement ; perform wood framing build masonry structures; apply interior finishes; perform addition, subtraction, division, and multiplications calculations; calculate volume, area, ratios, and proportions; convert feet, inches, and fractions to decimal equivalents; calculate quantity and costs of masonry, wood, concrete, and interior finish building materials; schedule and manage construction jobs; determine material requirements for a specific construction job; perform the basic mathematical functions related to construction estimating; interpret construction plans; interpret construction specifications; and interpret building codes.

Instruction: Methods of instruction include classroom exercises, discussion, laboratory, lecture, and practical exercises. General course topics include construction math, concrete, masonry, framing, interior finishes, estimating, and project management.

Methods of Assessment: Methods of assessment include performance rubrics (checklists) and examinations.

Related Competencies: ***Introduction to construction technology*** topics include building materials, construction tool and site safety, roofing materials and methods, and vertical construction design (wood and concrete). ***Construction methods and materials*** topics include concrete construction systems, plan reading, roofing, site evaluation, and wood construction. ***Construction cost estimating*** topics include labor estimates, material estimates, project scheduling, and quantity take-off. ***Construction plans*** topics include codes, dimensioning, residential plan reading, and scales. ***Basic mathematics*** topics include addition, area calculations, conversion of measures to decimals, division, multiplication, subtraction, and volume calculations.

Credit Recommendation: In the lower-division baccalaureate/associate degree category, 3 semester hours in introduction to construction technology, 3 in construction methods and materials, 3 in construction cost estimating, 3 in construction plans, and 1 in basic mathematics (6/15)(6/15).

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ACE course reviews are conducted by faculty currently teaching at appropriately accredited colleges and universities. Faculty teams analyze the course's instructor materials, student materials, and assessments to determine if the content, scope, and rigor 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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LOCATION AND DIRECTIONS