

GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES

OCCUPATION EXHIBIT

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MOS-12B-004

COMBAT ENGINEER

12B10
12B20
12B30
12B40

Exhibit Dates: 6/91–9/04. Effective 9/04, MOS 12B was converted and its duties were incorporated into 21B; see exhibit **MOS-21B-001**.

Career Management Field: 12 (Combat Engineering).

Description

Summary: Engages in vertical, road, bridge, and airfield construction and rigging, bridging, and demolition activities. **Skill Level 10:** Assists combat engineers and bridge and powered-bridge specialists in performance of duties; reads, interprets, and plots maps, overlays, and photos; assists with tactical operations; uses hand tools and engineering tools. **Skill Level 20:** Able to perform the duties required for Skill Level 10; assists with excavation, earth moving, rigging, and concrete work; supervises and instructs subordinates; operates excavation and earth-moving heavy equipment; performs rigging, concrete and masonry work. **Skill Level 30:** Able to perform the duties required for Skill Level 20; acts as a demolition expert; with the knowledge of location and level of charge, coordinates work teams; writes orders; cross-checks material requirements. **Skill Level 40:** Able to perform the duties required for Skill Level 30; supervises teams of construction and demolition personnel; prepares construction procedure schedule; serves as liaison with supported units; plans construction operations.

Recommendation, Skill Level 10

In the vocational certificate category, 3 semester hours in construction site preparation. In the lower-division baccalaureate/associate degree category, 3 semester hours in military science and 3 in construction materials and techniques. (NOTE: This recommendation for skill level 10 is valid for the dates 6/91-9/91 only) (7/91)(7/91).

Recommendation, Skill Level 20

In the vocational certificate category, 3 semester hours in construction site preparation. In the lower-division baccalaureate/associate degree category, 3 semester hours in military science, 3 in construction materials and techniques, and 3 in personnel supervision. (NOTE: This recommendation for skill level 20 is valid for the dates 6/91-2/95 only) (7/91)(7/91).

Recommendation, Skill Level 30

In the vocational certificate category, 3 semester hours in construction site preparation. In the lower-division baccalaureate/associate degree category, 3 semester hours in military science, 3 in construction materials and techniques, 3 in personnel supervision, 3 in maintenance management, and 2 in records and information management (7/91)(7/91).

Recommendation, Skill Level 40

In the vocational certificate category, 3 semester hours in construction site preparation. In the lower-division baccalaureate/associate degree category, 3 semester hours in military science, 3 in construction materials and techniques, 3 in personnel supervision, 3 in maintenance management, and 2 in records and information management. In the upper-division baccalaureate degree category, 3 semester hours in organizational management and 3 for field experience in management (7/91) (7/91).

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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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