



ENGINEER UPDATE

Commercial numbers are (573) 563-xxxx and Defense System Network (DSN) numbers are 676-xxxx unless otherwise noted.

Directorate of Training (DOT)

Active Duty Service Obligations (ADSO) Change to Partially Funded Degree Programs. If a proposed change to AR 350-100, *Officer Active Duty Service Obligations*, is approved, the ADSO will increase for UMR graduates for an additional 12 months after they receive tuition assistance. The change indicates that officers who participate in a partially funded program will incur a three-for-one ADSO for time spent in civilian education with a minimum ADSO of two years. Currently, the ADSO does not significantly extend an officer's commitment after degree completion. Of the officers polled who are current UMR students, 94 percent said they would still use tuition assistance if this change were in effect today. The effective date of the new policy is to be determined.

POC is CPT David Cushen, (573) 596-0131 ext. 3-7231, or DSN -7231, or e-mail cushend@wood.army.mil.

New Engineer Branch Video for ROTC/USMA Cadets. The Engineer Branch recently completed a new video, which is being distributed to ROTC detachments and the USMA. The updated video includes illustrations of our diverse missions and information concerning in-service and postservice benefits and portrays the current status of the Engineer Regiment.

POC is CPT David Cushen, (573) 596-0131 ext. 3-7231, or DSN -7231, or e-mail cushend@wood.army.mil.

Reserve Engineer TASS Battalion Instructors Needed. Resourcing of the TASS battalions by the institutional training divisions and brigades continues to be critical. Instructor strength is the primary challenge. All training battalions continue to need additional engineer instructors. If a quality engineer NCO (E6 or E7) is leaving active duty, he is needed as an instructor in the U.S. Army Reserve Engineer TASS Battalions.

POC is MAJ James Avants, -4114, or e-mail avantsj@wood.army.mil.

Engineer Officer Advanced Course. The construction module of the advanced course is being updated with a new capstone exercise based on the Bosnian theater of operations. Also, a quality-control/quality-assurance class is under development, which will be incorporated into the existing project-management lesson.

POC is CPT Tim Scholma, (573) 596-0131 ext. 3-5372, or DSN -5372, or e-mail scholmat@wood.army.mil.

Mine Awareness/Unit Mine-Advisor Train-the-Trainer Course. The Countermine Training Support Center (CTSC)/Humanitarian Demining Training Center (HDTC) projects that the pilot for this course will be in July 2001. The intent of the course is to teach senior NCOs and junior officers to develop and conduct unit mine-awareness training properly and to serve as unit mine advisors during deployments. Course graduates will be designated "trainers" from active and reserve engineer battalions and brigades throughout the force. The CTSC will teach this five-day course at Fort Leonard Wood on a cyclic basis, prioritizing instruction for those designated to deploy to mine-contaminated regions such as Bosnia and Kosovo. We anticipate space for up to 30 students, so please call to reserve positions. Units will be required to fund associated TDY costs. For more information, visit our Web site at <http://www.wood.army.mil/CTSC>.

POC is Dr. Steve Grzyb, -6199, or e-mail grzybstd@wood.army.mil.

Directorate of Training Development (DOTD)

Field Manual Update. The following field manuals have recently been printed and distributed:

- FM 3-34.2 (formerly FM 90-13-1), *Combined-Arms Breaching Operations*, dated 31 August 2000.
- FM 3-34.230 (formerly FM 5-105), *Topographic Operations*, dated 3 August 2000.

These manuals also are available for viewing and downloading from the Reimer Training and Doctrine Digital Library. To access the library, go to <http://www.adtdl.army.mil/atdls.htm> and click on "Enter the Library." Select (highlight) "Field Manuals"

on the left drop-down menu and “Engineer” on the right drop-down menu. Click on “Submit.”

FM 3-34.331, *Topographic Surveying*, will be sent to print within the next 30 days. Look for it on the MANSCEN Publications Page at <http://www.wood.army.mil/PUBS/newpubs/htm>. This manual combines FM 5-232 and TMs 5-232 and 5-237 and is a guide for military occupational specialty (MOS) 82D (topographic surveyor). It provides techniques not found in any commercial text concerning the precise determination of position, azimuth, or elevation of a point. Additionally, this publication describes and standardizes procedures for performing recons, preparing station descriptions, and reporting and briefing survey projects.

POC is Sandra Gibson, -4100.

2000 Engineer Unit Directory. The directory, which is updated periodically, is available at <http://www.wood.army.mil/PUBS/dsd/dsd.htm>. Units may submit changes/corrections at any time via e-mail to Jennifer Morgan at morganj@wood.army.mil.

POC is Jennifer Morgan, (573) 596-0131 ext. 3-7644, or DSN -7644.

News and Notes

MOS 52E Prime Power Production Specialist. The U.S. Army Prime Power School is looking for self-motivated soldiers who meet the following prerequisites:

- Be an E-5 (nonpromotable) or an E-4 or E-4 (promotable) (subject to career-field requirements).
- Hold a high school or a General Education Development (GED) diploma.
- Score at least 110 on the Armed Services Vocational Aptitude Battery (ASVAB) in the electronics (EL), general technical (GT), and skilled technical (ST) areas.
- Score at least 70 percent on the Basic Mathematics and Science Proficiency Test (BMST).

Located at Fort Belvoir, Virginia, the school teaches the skills associated with installing, operating, and maintaining the Army’s largest electrical-power plants. The one-year Prime Power Production Specialist Course is among the Army’s most technically challenging training. The benefits include earned college credit, great assignments, promotion opportunities, and worldwide travel while conducting prime-power missions. The schedule for the course is as follows:

Class 01-1 Report date: 26 February 2001
 Start/Class date: 12 March 2001
 End date: 01 March 2002

Class 01-2 Report date: 27 August 2001
 Start/Class date: 12 September 2001
 End date: 30 August 2002

POC is Dennis Calamita or Nilia Kondratiuk, (703) 806-3904/3748, DSN 656-3904/3748, or e-mail 249PPSDEADMIN@EN249.usace.army.mil.

Defense Mapping School Courses. The Defense Mapping School, located at Fort Belvoir, Virginia, is offering the following FY01 resident courses. More information about resident course offerings can be found at <http://www.nima.mil>.

Geospatial Information and Services Staff Officer Course

001	16 October 2000	20 October 2000
002	04 December 2000	08 December 2000
003	22 January 2001	26 January 2001
004	19 March 2001	23 March 2001

Geospatial Digital Data Users Course

001	23 October 2000	27 October 2000
002	13 November 2000	17 November 2000
003	29 January 2001	02 February 2001
004	09 April 2001	13 April 2001
005	07 May 2001	11 May 2001

Topographic Operations Management Course

001	26 February 2001	09 March 2001
002	13 August 2001	24 August 2001

Remote Sensing and Geographic Information Systems

001	06 November 2000	20 November 2000
002	12 March 2001	23 March 2001
003	18 June 2001	29 June 2001
004	20 August 2001	31 August 2001

POC is Ms. Lynn Keleher, (703) 805-3213, or DSN 655-3213. Alternate POC is at (703) 805-2237, DSN 655-2237.

Defense Technical Information Center (DTIC) 2000 Conference. The DTIC will host its annual users' meeting and training conference from 6 to 9 November 2000 at the DoubleTree Hotel, Rockville, Maryland. This year's theme is "Information Solutions for the Twenty-First Century."

DTIC 2000 provides a unique opportunity for attendees to explore in detail new developments not only at the DTIC but throughout the federal technical-information network. As in past years, the conference will feature a number of presentations and sessions that focus on the most current issues relative to the research, development, and acquisition communities. These sessions are designed to acquaint the participants with the latest policy and operational developments and will provide practical details on valuable and diverse domestic and foreign information resources. The sessions will also address security issues, the World Wide Web, copyright laws, and the storage and dissemination of electronic documents.

POC is Julia Foscue, (703) 767-8236, or e-mail jfoscue@dtic.mil. The DTIC home page is at <http://www.dtic.mil>.

22d Army Science Conference. Sponsored by the Assistant Secretary of the Army (Acquisition, Logistics, and Technology), the 22d Army Science Conference will be held at the Renaissance Harborplace Hotel, Baltimore, Maryland, 11 to 13 December 2000. The conference theme is "Accelerating the Pace of the Transformation to the Objective Force." The conference will feature presentations of papers and posters judged best among those submitted by Army scientists and engineers. Authors of the most outstanding papers will be selected to receive special recognition and awards.

POC is at (757) 357-4011 or e-mail asc2000info@aol.com or visit the conference Web site at <http://www.asc-2000.com>.

Web Site for Company Commanders. Eight Army officers have founded a Web site that is dedicated to improving company-level leadership in the Army. The site, <http://www.CompanyCommand.com>, is a user-driven forum in which former and current company commanders share their best ideas, products, and lessons learned to benefit current and future company commanders. The goal of the Web site is to improve institutional knowledge at the company level of Army leadership by improving the lateral flow of information.

The eight officers, who are assigned to the staff and faculty at the U.S. Military Academy, run the Web site during their off-duty hours without remuneration. Their sole focus is on helping leaders to grow great units and soldiers.

POC is CPT Peter G. Kilner, (845) 938-4764, or e-mail cpkilner@aol.com.