



ARMY FACILITIES COMPONENTS SYSTEM



TRAINING FACT SHEET

The Army Facilities Components System (AFCS) Desktop Application, Theater Construction Management System (TCMS), is a planning, design, management, and reporting system used by military planners, supply agency personnel, and construction personnel in delivering initial, temporary, or semi-permanent Army facilities in support of contingency construction missions.

AFCS training gives military engineers and planners practical experience with contingency construction planning, design, and project management through the use of TCMS. The training is designed to show TCMS users how to quickly select or develop facilities to support a wide variety of missions, as well as track and report the status of current construction assignments.

The TCMS software is extremely versatile: it is intended to assist users with varying levels of responsibility and experience in the contingency construction planning and design process. Since TCMS is a tool that can be used in a variety of capacities, there are three separate AFCS training courses available to the user:

AFCS LEADER COURSE – Four (4) hours of Instruction:

The Leader Course provides an overview of AFCS and familiarizes leaders with the construction planning and management capabilities of the TCMS software application. It consists of lecture/discussion sessions with embedded instructor-led demonstrations and student practical exercises designed to enable students to exercise the basic functions of the TCMS.

AFCS BASIC COURSE – Sixteen hours (2 days) of Instruction:

The Basic Course provides new users with the functional knowledge and skills necessary to perform construction planning and management using the TCMS software application. It consists of lecture/discussion sessions with embedded instructor-led demonstrations and student practical exercises along with one comprehensive practical exercise designed to assess student understanding of AFCS and the operation of the TCMS software application.

** Students should have operational experience with Microsoft Project software prior to taking this course.*

AFCS ADVANCED COURSE – Forty hours (5 days) of Instruction:

The Advanced Course is intended for Service engineer planning staffs. The course is designed to familiarize students with the Base Camp Master Planning process and the functional requirements of the Base Camp Life Cycle. The culminating two-day practical exercise designed to assess a student group's ability to utilize AFCS to produce technically acceptable Base Camp Master Planning products.

**Students should have a firm understanding of the AFCS Basic Course and AutoCAD software prior to taking this course.*

Various AFCS resources including AFCS system software, training manuals, self-paced learning materials, and numerous exercises are available for ongoing reference, skills reinforcement, and continued learning.

For onsite training, experienced AFCS instructors travel to deliver training for a team, unit, or organization. Ideal class size is 10 to 20 students for each course. The AFCS instructors provide expert instruction in a highly interactive workshop format designed to accommodate different adult learning styles. It is preferable that students bring their own laptops to the course with the latest version of TCMS already installed correctly (contact the AFCS Helpdesk/UROC for assistance with TCMS software installation). However, the AFCS training team can also provide instructional laptops as needed for each student. In order to fully utilize all advanced capabilities of the TCMS software, Microsoft Project and AutoCAD should be properly installed on each student's laptop prior to the start of the course.

To download any of the three courses above, or to request onsite training, please select the 'Training' tab on the AFCS REDi Web Portal at: <https://redi.usace.army.mil/sites/afcs/default.aspx>

Note: As the TCMS Software transitions to the Joint Construction Management System (JCMS) Desktop Software in 2015, the AFCS Training Courses will be updated to include the instruction and application of JCMS.

JANUARY 2014

The proponent for Army Facilities Components System (AFCS), AR 415-16, is Headquarters Department of the Army, Office of the Chief of Engineers. For additional information, please visit the AFCS REDi web portal at <https://redi.usace.army.mil/sites/afcs/default.aspx> or call toll free 1-877-ARMY-ENG (1-877-277-9364), commercial 601-634-2439, or DSN 312-446-2439.