



The Chemical Corps must orchestrate an aggressive fielding plan for equipment upgrades, complex operating systems, and the integration of existing equipment. At the installation level, there currently is a lack of military personnel with any experience in operating the systems listed on the previous page. The train-up effort is further hampered by the lack of opportunities to train (unavailability of equipment) requiring much longer periods to become proficient at battle tasks, and limited tests (checking specific functions, not all). New initiatives have created a demand for soldiers with high levels of computer skills. Soldiers must have basic knowledge of modern NBC equipment, automation, and Microsoft Office programs to be efficient in a digital unit. Individual skills can be improved through self-development. As a soldier receives advanced technical training, the soldier becomes more valuable to the success of the unit. The instructional training base must include the courses listed in the following table.

| Institutional Training Requirements | MCS  |      | FBCB <sup>2</sup> |      | ANBACIS |      | JWARN |      | IMETS |      | MICAD |      | ANALOG<br>NBCWRS |
|-------------------------------------|------|------|-------------------|------|---------|------|-------|------|-------|------|-------|------|------------------|
|                                     | OPER | OVER | OPER              | OVER | OPER    | OVER | OPER  | OVER | OPER  | OVER | OPER  | OVER |                  |
| Captain's Career Course             |      | X    |                   | X    |         | X    |       | X    |       | X    |       | X    |                  |
| Officers Basic Course (OBC)         | X    |      | X                 |      | X       |      | X     |      | X     |      | X     |      | X                |
| Advanced NCO Course (ANCO)          |      | X    |                   | X    |         | X    |       | X    |       | X    |       | X    | X                |
| Basic NCO Course (BNCOC)            | X    |      | X                 |      | X       |      | X     |      | X     |      | X     |      | X                |
| One-station Unit Training (OSUT)    |      |      |                   |      |         |      |       |      |       |      | X     |      |                  |

\* Limited MCS/FBCB<sup>2</sup> operator instruction must be provided to understand how NBC systems (ANBACIS, JWARN, IMETS, and MICAD) are integrated.

\*\* An MCS/FBCB<sup>2</sup> overview must be provided to understand how NBC systems (ANBACIS, JWARN, IMETS, and MICAD) are integrated.

Installations supported by Project Managers and equipment Field Office Representatives are responsible for providing personnel and resources to train new soldiers and sustain unit battle-task proficiency. Installation training must include the courses listed in the table below.

| Installation Training Requirements | MCS   |         |      |       | FBCB <sup>2</sup> |       | MICAD |      |
|------------------------------------|-------|---------|------|-------|-------------------|-------|-------|------|
|                                    | *OPER | SYS MAN | TECH | *OVER | *OPER             | *OVER | OPER  | OVER |
| Staff Officers (O3 and above)      |       |         |      | X     |                   | X     |       | X    |
| Officers (O1-O2)                   | X     |         |      |       | X                 |       |       | X    |
| Senior Staff NCOs (E7 and above)   | X     |         | X    |       |                   | X     |       | X    |
| Staff NCOs (E5-E6)                 | X     | X       |      |       | X                 |       | X     |      |
| Soldiers (E1-E4)                   |       |         |      |       |                   |       | X     |      |

\* The MCS/FBCB<sup>2</sup> operator and overview instruction must include ANBACIS, JWARN, IMETS, and MICAD operation/overview.

Brief description of Army Tactical Command and Control Systems (ATCCS) courses listed above:

**OPER:** Operator course provides detailed instruction on all aspects of equipment use.

**SYS MAN:** System Managers course provides information to manage/troubleshoot ATCCS terminals and LAN.

**TECH:** UNIX Technicians course provides detailed programming information to troubleshoot ATCCS UNIX programs.

**OVER:** Overview course highlights capabilities and key features.

Installations must establish division-level training facilities equipped with ATCCS. Availability of a properly equipped facility and technical support is essential to the success of MCS and FBCB<sup>2</sup> training.

The Chemical Corps must implement the following changes to meet the demands of Army XXI.

- Develop tactics, techniques, and procedures (TTPs) for primary functions (battle tasks) including digital and analog operations and integrate nondigital units into digital operations.
- Ensure the most current equipment information is available and incorporated into institutional and installation programs of instruction (POIs).
- Update school POIs on using digitized products during the IPB process and the employment of digitized chemical units.
- Establish an additional skill identifier for each ATCCS system and associated course.

The success of Army XXI is measured by our ability to prepare soldiers to conduct operations as digital warfighters. Soldiers and technology are our most valuable resource. As leaders we have the responsibility to ensure our soldiers are educated and ready to fight and win in a digitized division.

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