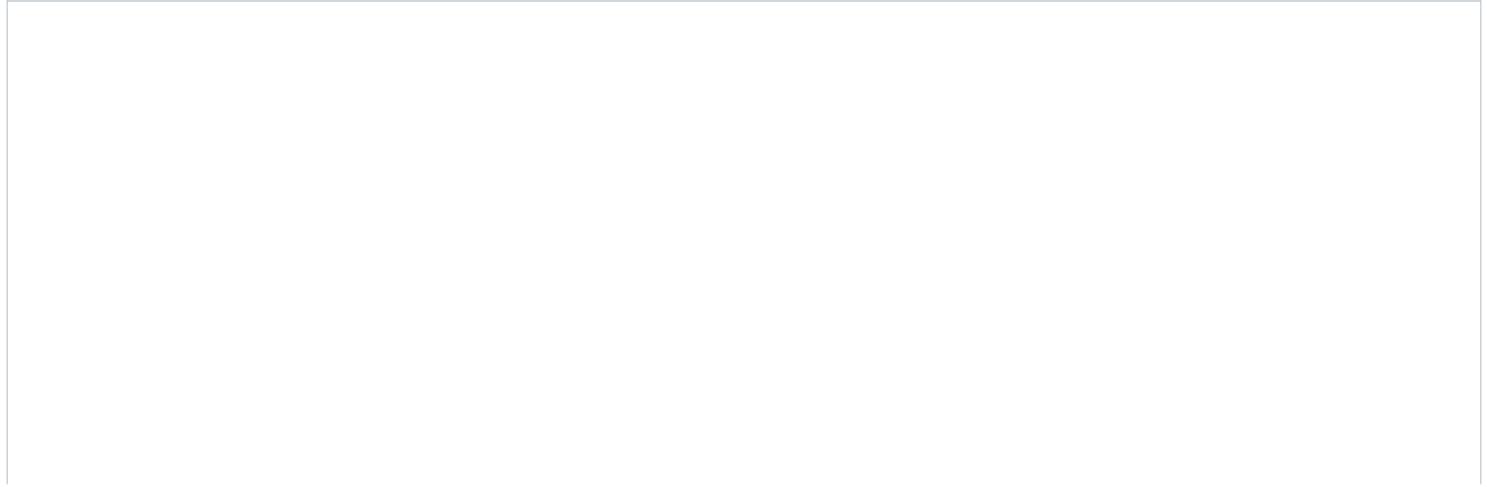
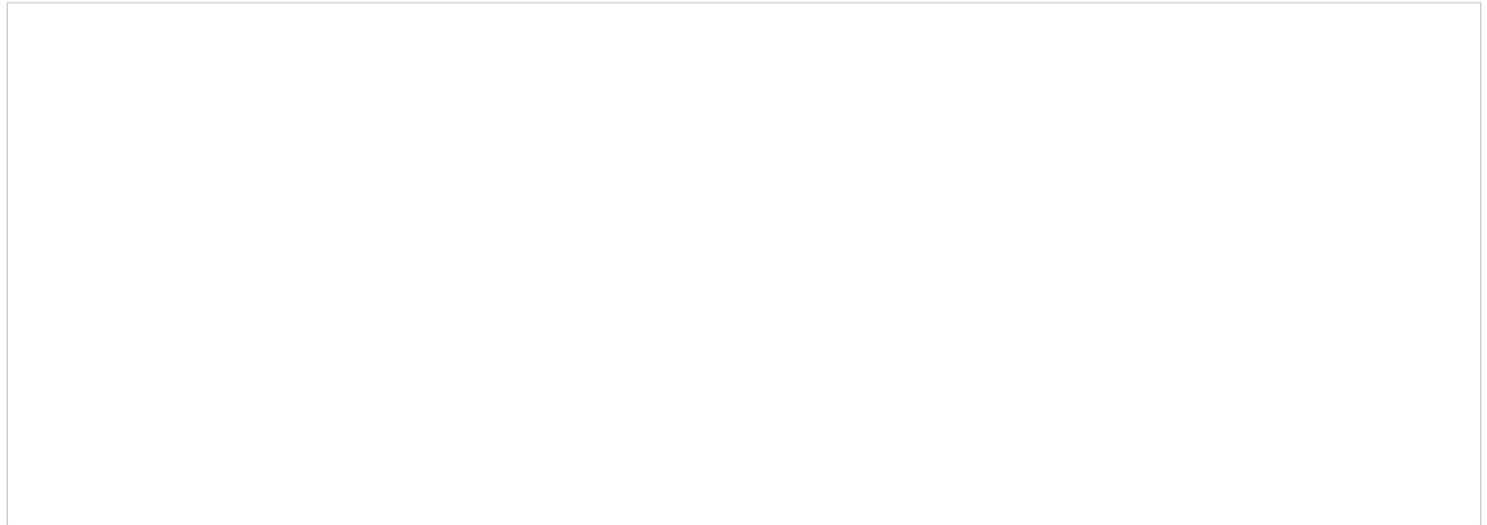


## WARRANT OFFICER ADVANCE COURSE



**COURSE INFORMATION:**

**Course Title:** Information Services Technician, Warrant Officer Advance Course (WOAC)

**Course Number:** 4-11-C32-255A

**Company:** Charlie Company

**College:** Leader College for Network Operations (LCNO)

**Division:** Information Dissemination Management Division (IDMD)

**Status Change Date:** 19 July 2012

**Training site:** USASCoE&FG, Fort Gordon, GA

**Length:** 13 Weeks (Phase 1 - 8 weeks, 2 days, Phase 2 - 5 weeks, 2 days)

**Managed:** Army Training Requirements and Resources System (ATRRS)

**Prerequisites:** A Signal Warrant Officer Basic Course and the Action Officer Development Course (Army

Correspondence Course number 131 P00) must be completed prior to enrollment in the Warrant Officer

Advanced Course.

**PURPOSE:**

To provide selected Active Army (AA) and Reserve Component (RC) Military Occupation Specialties (MOS) 255A warrant officers with advanced technical training to perform critical MOS individual skill level 2 tasks in preparation to serve in senior level network management, staff, and supervisory positions.

# 442nd Signal Battalion - WOAC 255A

Last Updated: 30 March 2016

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## COURSE SCOPE:

This course provides instruction and allows practical exercises in Internet Protocol (IP) Switched Networks, IP Telephony, Host Based Security System (HBSS), System Security, Advance Database Management, Enterprise Management, Mobile Application, Thin Client Architecture Project Management, Information Technology (IT) Service Management, Storage Network Technologies, Advance Virtualization and Advance Digital Tactical Operations (DTCO). This course also provides advanced instruction on directed and mandated subjects to include Sexual Assault Prevention and Response (SAPR), Personnel Recovery (PR), Military History, Every Soldier is a Sensor (ES2), Cultural Awareness (CA), Improvised Explosive Device - Defeat (IED-Defeat), Operations Security (OPSEC), and Institutional Resilience Training. A capstone training event is conducted at the end of the course to evaluate students' ability to perform MOS skill level critical tasks in a simulated field environment.

## SPECIAL INFORMATION:

This is a two-phase Professional Military Education (PME) MEL Code 6 course attended by both Active Army (AA) and Reserve Component (RC) Soldiers. Both phases of the course must be completed in

sequence. However, AA and RC attendance requirements are different:

- a. The AA students must enroll, attend, and complete both phases of the course in one continuous school attendance period or course iteration.
- b. The RC students may enroll, attend, and complete one or both phases in one or more school attendance periods, or course iterations. However, the course phases must be completed in sequential order, and the minimum RC attendance period is one complete phase per attendance period or course iteration. This approach will allow RC students an opportunity to return to home station between phases, and accommodates the RC training cycle to obtain MEL Code 6 certification within the required two-year timeline.

PHASES:

**Phases 1:** Provides instruction and practical exercises in Internet Protocol Switched Networks, Advance Voice over Internet Protocol (VoIP), Host Based Security System (HBSS), System Security, Installing and Managing Database Server, Enterprise Management Software, Mobile Application Development and Thin Client Architecture.

### Tasks Taught:

Critical tasks taught, supported, or reinforced in this module:

- 113-314-0002 Develop a Secure Advanced Database Design
- 113-473-7004 Develop an Advanced Organizational Security Foundation
- 113-455-0001 Develop Mobile Applications (APPS) for Information Systems Platforms
- 113-484-0001 Implement a Thin Client Architecture
- 113-407-0001 Implement Advanced Local Area Network (LAN) Techniques
- 113-314-0001 Implement Enterprise Management Software
- 113-473-7003 Implement Systems Security in a Network Environment
- 113-401-8001 Implement Voice over Internet Protocol (VoIP)
- 113-438-8002 Integrate Coalition or Host Nation, and/or Other Agencies Automated Information Systems (AIS)

**Phase 2:** Provides instruction and practical exercises in Project Management, Information Technology Service Management, Storage Network Technologies, Advanced Virtualization and Advanced Digital Tactical Operations Center (DTOC).

## Tasks Taught:

Critical tasks taught, supported, or reinforced in this module:

- 113-502-9004 Prepare a Program Management Plan
- 113-398-0002 Implement Advanced Virtualization Techniques for Data Integration
- 113-398-0001 Implement Storage Network Technologies for a Data Center
- 113-405-9002 Implement Strategic Information Technology (IT) Service Management
- 113-449-6002 Integrate Multiple Brigades DTOCs
- 113-314-0002 Develop a Secure Advanced Database Design
- 113-473-7004 Develop an Advanced Organizational Security Foundation
- 113-407-0001 Implement Advanced Local Area Network (LAN) Techniques
- 113-473-7003 Implement Systems Security in a Network Environment
- 113-401-8001 Implement Voice over Internet Protocol (VoIP)

CAPSTONE:

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Conducted at the end of the course to evaluate students' ability to perform MOS skill level critical tasks in a simulated field environment. The course work reinforces leadership skills, and also provides advanced instruction on directed and mandated subjects and topics to include: Sexual Assault Prevention and Response (SAPR), Personnel Recovery (PR), Military History, Every Soldier is a Sensor (ES2), Cultural Awareness (CA), Improvised Explosive Device - Defeat (IED-Defeat), Operations Security (OPSEC), and Institutional Resilience Training.

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### MODULES:

Module A: Administrative

Module B: Advanced Networking Routing (*Phase 1 - 112 hrs*)

Module C: Advanced Network Switching (*Phase 1 - 72 hrs*)

Module D: Advanced Troubleshooting (*Phase 1 - 88 hrs*)

Module E: Directed Training (*Phase 2 - 8 hrs*)

Module F: VoIP (*Phase 2 - 32 hrs*)

Module G: Security Audit Systems (*Phase 2 - 48 hrs*)

Module H: Policy and Procedures (*Phase 2 - 64 hrs*)

Module I: Threat Brief (*Phase 2 - 8 hrs*)

Module J: Traffic Shaping (*Phase 2 - 48 hrs*)

Module K: Project Management (*Phase 3 - 40 hrs*)

Module L: Network Management (*Phase 3 - 40 hrs*)

Module M: Joint Operations (*Phase 3 - 16 hrs*)

Module N: WIN-T (*Phase 3 - 80 hrs*)

Module O: Capstone (*Phase 3 - 40 hrs*)

**For website updates, contact:**

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