

WARRANT OFFICER BASIC COURSE

COURSE INFORMATION:

Course Title: Information Services Technician, Warrant Officer Basic Course (WOBC)

Course Number: 4C-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: None

PURPOSE:

442nd Signal Battalion - WOBC 255A

Last Updated: 30 March 2016

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.

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:

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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:

Phases1:

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.

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).

CAPSTONE:

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.

COURSE STRUCTURE:

This course is structured to be completed in sequence.

1. This course is structured in phases, modules, and lessons.
2. Graphic display: See course map.

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3. Narrative Description: The course structure graphic shows that this course consists of two phases comprised of multiple modules. Each module consists of multiple lessons. The graphic display shows how this course is organized in two phases and how they are further subdivided into modules. Phase I consists of 8 modules and Phase II consists of 6 modules. The description of each phase and module is shown below in the course map.

4. The course is Commercial Off-the-Shelf (COTS) intensive and reflects the most current information technology, communications equipment, software, hardware, automated data processing (ADP), and methods of data networking, security and information assurance management procedures currently employed within operational units.

MODULES:

Module A: Administrative

Module B: Streaming Media Services

Module C: Network Case Study

Module D: Voice over Internet Protocol (VoIP)

Module E: Firewall Security**Module F: Wireless LAN Security**

Module G: Install and Manage Server and Services

Module H: Microsoft Active Directory

Module I: PowerShell and Authentication Services

Module J: Install E-mail Server

Module K: Structured Query Language (SQL) Server

Module L: System Center Configuration Manager (SCCM)

Module M: Implement Collaboration Server

Module N: Synchronous Collaboration (System Administration)

Module O: Server Exercise SERVEX

Module P: Network Applications (NETAPPS)

Module Q: Virtualization

Module R: Battle Command Common Services (BCCS) Integration

Module S: Systems Integration

Module T: Certified Information Systems Security Specialist (CISSP)

Module U: Information Assurance Measures

Module V: Defining COMSEC Operations

Module W: Warfighter Information Network-Tactical (WIN-T)

Module X: Tactical Radio Net Planning

Module Y: Digital Tactical Operations Center (DTOC)

Module Z: CAPSTONE

Module AA: Combined Arms Center (CAC) Common Core

Module AB: CISCO Semester 1

Module AC: CISCO Semester 2

Module AD: CISCO Semester 3

Module AE: CISCO Semester 4

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