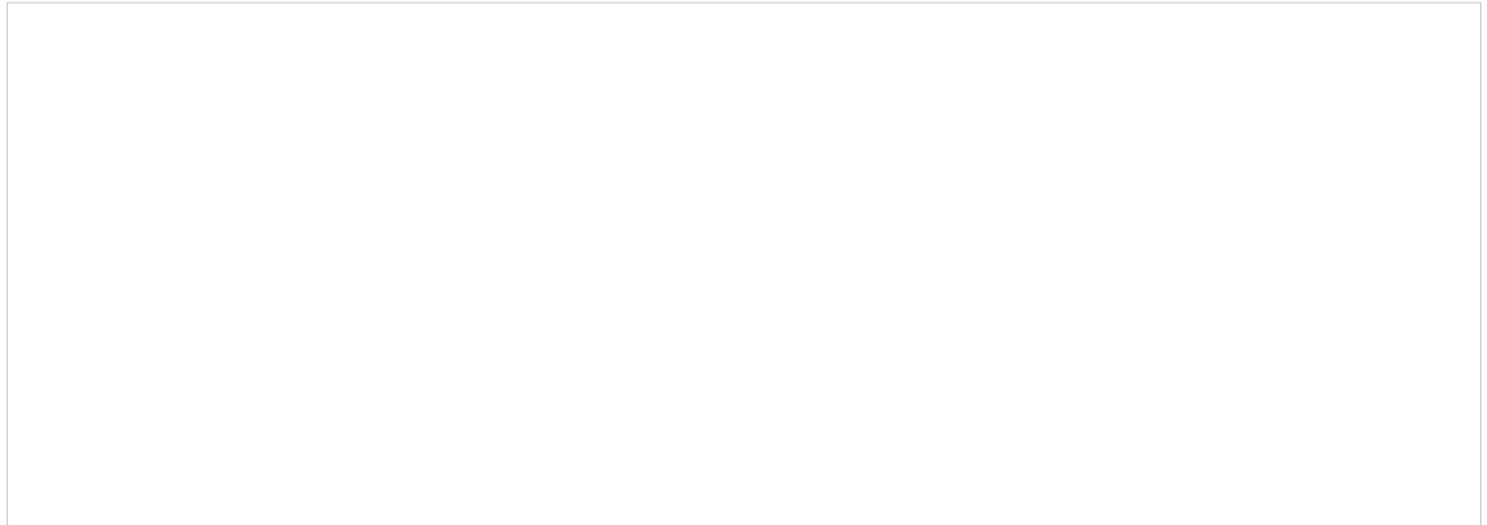
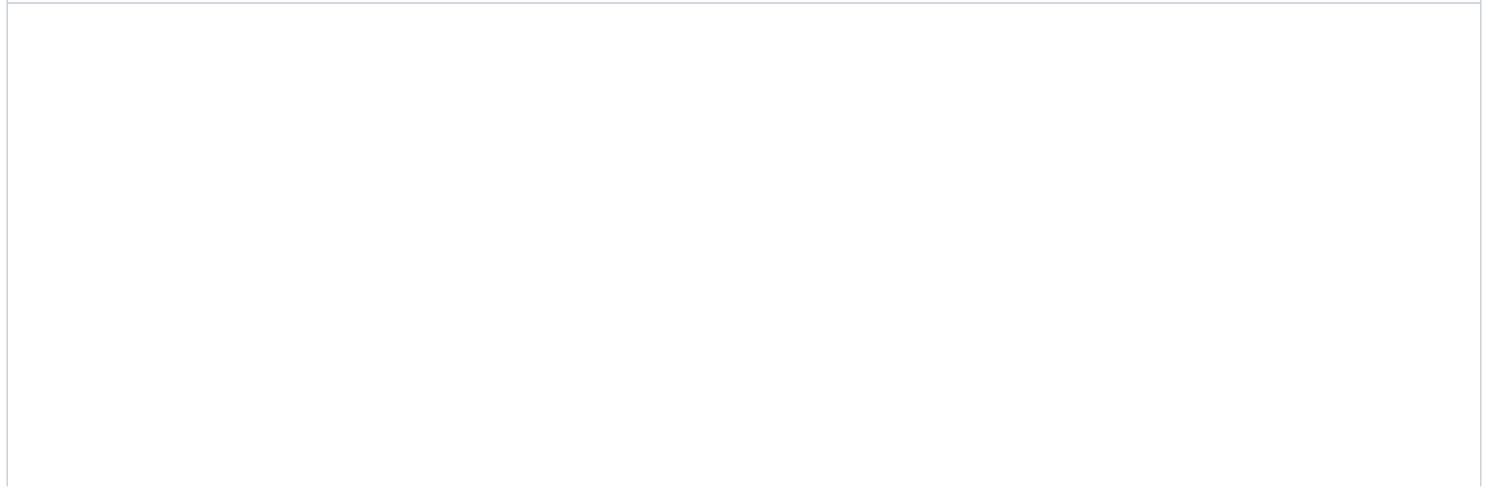


INFORMATION SYSTEMS MANAGER COURSE (FA53)



COURSE INFORMATION:



442nd Signal Battalion - FA53 COURSE

Last Updated: 30 March 2016

Course Title: Information Systems Manager (ISM) Course (53A)

Course Number: 7E-53A

Company: Charlie Company

College: Leader College for Network Operations (LCNO)

442nd Signal Battalion - FA53 COURSE

Last Updated: 30 March 2016

Division: Information Dissemination Management Division (IDMD)

Status Change Date: January 2014

Training site: USASCoE&FG, Fort Gordon, GA

Length: 29 weeks, 148 days (1088 Hours)

442nd Signal Battalion - FA53 COURSE

Last Updated: 30 March 2016

Managed: Army Training Requirements and Resources System (ATRRS)

Prerequisites: US Army Active or Reserve Component officer personnel (CPT-LTC), International

Military officer personnel (CPT-LTC) and DA civilians GS-09 or above assigned to, or on orders to,

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positions requiring expertise in the life cycle management, computer systems and networks, or to

positions where duties involve analysis, design, development or configuration management of

computers and networked information systems. Selected personnel must be graduates of a Captain's

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Career Course. All attendees must possess a Bachelors Degree.

PURPOSE:

The 7E-53A curriculum provides training for selected US Army Active or Reserve Component officer personnel (CPT-LTC), International Military officer personnel (CPT-LTC) and DA civilians GS-09 or above assigned to or on orders to positions that require knowledge of signal systems, architectures, and common information technology principles. It prepares Company and Field Grade Officers and selected civilians for technically demanding Army assignments that require expertise in the design, engineering, configuration and troubleshooting of complex information technology systems from enterprise to local

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area level network environments. Upon completion of Phase 2, officers will be awarded the FA53A identifier.

COURSE SCOPE:

This is a two (2) phase course that prepares the students with a foundation of signal systems,

architectures and common information technology principles during the first phase, including training in

network management, information dissemination management and directed training to include SAPR,

OPSEC, IED-Defeat Personnel Recovery, ES2, and Cultural Awareness. During the second phase

students are given advanced classroom instruction and hands-on-experience that enable them to

design, configure, and troubleshoot tactical and commercial information technology systems. The

Terminal Learning Objectives (TLO's) are at the graduate education level. Students will gain a working

knowledge of tactical and commercial information systems technologies including networks configuration

and management, operating systems, enterprise architectures, security management, systems analysis,

database design, principle of algorithms and programming languages. The students will demonstrate

knowledge and skill in all objectives during the end of course Capstone Event. The students will plan,

implement, troubleshoot, configure and manage a large network. Given specific scenarios, the students

will be required to demonstrate the concepts learned throughout the entire course by applying the

knowledge and skill to analyze requirements, design a network system, implement a model network, test

the model network, and demonstrate the model network.

COURSE MODULES:

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- **Module A** – Admin/Research & Oral Presentation Instructions (2 Days)
- **Module B** – Overview of Evolution of Tactical Communications Systems (1 Day)
- **Module C** - Cisco Academy Semester I, Network Fundamentals (8 Days)
- **Module D** - Cisco Academy Semester II, LAN Switching and Wireless (7 Days)
- **Module E** - Cisco Academy Semester III, Routing Protocols and Concepts (8 Days)
- **Module F** - Cisco Academy Semester IV, Accessing the WAN (11 Days)
- **Module G** - LAN/WAN Integration (3 Days)
- **Module H** – Voice over Internet Protocol (VoIP) (1 Days)
- **Module I** - CCNA Security (Cisco System Security Professional) (5 Days)
- **Module M** - Administering Windows Server 2008 Environment (5 Days)
- **Module N** - Implementing and Administering Network Infrastructures (5 Days)
- **Module O** - Windows Server 2008 Active Directory, Configuring (5 Days)
- **Module Q** - Designing a Microsoft Windows Server 2008 Active Directory and Network Infrastructure (5 Days)
- **Module P** - Exchange Server 2010 Administration (3 Days)
- **Module R** - NetApp Data-on Tap Fundamentals (5 Days)
- **Module S** – VIRTUALIZATION (VMware) (4 Days)
- **Module V** - SharePoint 2010 (5 Days)
- **Module W** - SharePoint Designer Course (5 Days)
- **Module X** - Microsoft System Center Configuration Manager (SCCM) (5 Days)
- **Module Y** - Knowledge Management (3 Days)
- **Module Z** – Project Management (5 Days)
- **Module AB** - Computer Information Systems Security Professional (18 Days)
- **Module AE** - Information Technology Infrastructure Library (ITIL) (5 Days)
- **Module AD** - Information System Manager Capstone Project (7 Days)

COMPLETE COURSE OUTLINE (Module F-D)

For website updates, contact:

Webmaster: [S6 Automations](#)

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