

# Introduction To AIX (5 Days)

**Custom Training Institute**

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**Introduction to AIX (CTI 147)**

*The AIX operating system is IBM's implementation of the award-winning UNIX operating system on IBM hardware. Students will learn how to create, edit, and manipulate files on AIX systems, control command execution, create "scripts" to perform batch-style operations, and protect the integrity and security of their files.*

Minimum hardware requirements (per student): One RS/6000 or other workstation running AIX.

Software requirements: AIX

Microsoft PowerPoint and Internet connection installed at instructor's workstation for presentation purposes.

**Module 1: Introduction to AIX****Module 2: Customizing The Environment**

- Search Path
- Shell Variables
- Different Shells

**Module 3: Manipulating Files and Directories**

- Creating, Deleting, Listing and Viewing Files
- Modifying Permissions on Files

**Module 4: Controlling Commands**

- Backgrounding and Foregrounding Commands
- Command Redirection
- Command Grouping
- Pipelining Commands
- Testing Status of Commands
- Terminating Commands

**Module 5: Text Editing Using vi**

- Entering the Editor
- Character, Word and Line Movement
- Changing Text
- Deleting Text
- Manipulating Text in Buffers
- Customizing the Editor with Options

**Module 6A: Korn Shell Programming****Module 6B: C Shell Programming****Module 7: AIX File System Structure**

- Inodes And The Superblock
- How AIX Stores Blocks Of Data On The File System
- Mounting Additional File Systems

**Module 8: AIX File System Maintenance**

- Protecting the Integrity of the File System
- Taking System Down
- Rebooting System
- Backing Up and Recovering Data

**Module 9: AIX Security Issues**

- File Permissions
- Passwords

**Module 10: Review and Summary**