

IBM System x Technical Principles Enhanced

XTR11G



Delivery Type: Classroom

Duration: 3 days

Overview

This is the entry course for all of the System x Technical Education Roadmaps, including certification, clustering, and systems management. The student will gain a thorough understanding of the design, architectures, features, and functions of IBM System x servers and IBM BladeCenter products.

Pre-Requisites

Some experience with Intel-based computer hardware and Windows or Linux operating systems.

Objectives

- ✓ Define features common to IBM ServeRAID adapters
- ✓ Describe current IBM ServeRAID adapter models
- ✓ List the key elements of the System x memory subsystem

- ✓ Identify the various System x processor options
- ✓ Describe features common to System x networking subsystem
- ✓ Examine the System x PCI subsystem
- ✓ Provide a comprehensive overview of systems management framework and topology
- ✓ List hardware and software based systems management options
- ✓ Describe the major components of the Cool Blue Portfolio
- ✓ Recognize and detail the highlights of the IBM System x Tower Server line
- ✓ Recognize and detail the highlights of the IBM System x rack-optimized server line
- ✓ Recognize and detail the highlights of the IBM System x high performance server line
- ✓ Recognize and detail the highlights of the IBM BladeCenter Components
- ✓ Summarize the IBM TotalStorage Entry-level Disk System product line
- ✓ Summarize the IBM TotalStorage Mid-range Disk System product line
- ✓ Summarize the IBM TotalStorage Enterprise Disk System product line

- ✓ Introduce the concepts and considerations for rack design and implementation in the datacenter
- ✓ Provide an overview of power requirements and options, including PDU selection and IBM configuration and planning tools
- ✓ Introduce chassis cooling concepts
- ✓ Identify the six possible states of a system

Target Audience

Enrollment in this course is not restricted. However, typical students taking this course include technical IBM personnel from the FTSS, ATS and Techline organizations as well as business partner technical personnel involved with planning, installation, configuration and upgrading of xSeries servers and use of IBM Director systems management software.