

Cisco AI Technical Practitioner (AITECH)

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The Cisco AI Technical Practitioner training is designed for technical professionals seeking to transition from traditional knowledge-based work to innovation-driven roles augmented by Artificial Intelligence (AI). This comprehensive program equips you with the skills to effectively design technical solutions, automate tasks, and lead technical teams using cutting-edge AI tools and methodologies. From AI-powered code generation and data analysis to advanced model customization and workflow automation, this training prepares IT and network engineers, data analysts, AIOPs specialists, solutions architects, technical leads, managers, and business process analysts to harness the full potential of AI within their organizations.

This training prepares you for the 810-110 AITECH v1.0 exam. If passed, you earn the AI Technical Practitioner certification. This training also earns you 8 Continuing Education (CE) credits toward recertification.

How you'll benefit

This class will help you:

- Transition from traditional knowledge-based work to innovation-driven roles by learning AI-augmented workflows and methodologies
- Gain hands-on expertise in advanced prompt engineering, AI-powered code generation, and multimodal asset creation (text, visual, and audio)
- Learn to evaluate AI platforms for enterprise readiness, analyze the economics of AI services, and architect deployments between cloud and local environments
- Acquire the skills to apply security frameworks that mitigate dataset bias, protect sensitive information, and neutralize AI-specific threats
- Gain the ability to automate complex tasks using APIs, optimize software engineering lifecycles, and design autonomous agentic systems
- Prepare for the 810-110 AITECH v1.0 exam
- Earn 8 CE credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The primary audience for this course is as follows:

- IT and Network Engineers
- Data Analysts
- AIOPs Specialists
- Solutions Architects

Course Duration

2 days

Course Price

\$1,995.00 or 20 CLCs

Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

- Technical Leads
- Managers
- Business Process Analysts

OUTLINE

Module 1: Generative AI Ecosystem

Module 2: AI Architect's Toolkit

Module 3: Prompt Engineering for Technical Precision

Module 4: AI-Driven Multimodal Asset Creation

Module 5: Generative AI Security and Privacy Fundamentals

Module 6: Debugging and Correcting AI-Generated Outputs

Module 7: Advanced Prompting Strategies

Module 8: AI-Powered Discovery and Synthesis

Module 9: AI Systems Integration with APIs

Module 10: AI-Driven Software Engineering

Module 11: AI for Data Engineering and Exploration

Module 12: Customizing AI Models

Module 13: AI-Powered Workflows and Agentic AI