

ENTERPRISE PROGRAM BRIEF

VNode ITeS

AIC-210

Model Context Protocol Developer

Build and govern Model Context Protocol servers and clients so coding agents can safely use internal tools and data.

AI Coding

Intermediate

Model Context Protocol

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Available on request

AUDIENCE PROFILE

Built for these roles

Platform and developer-experience engineers Backend engineers exposing internal tools to agents Security engineers reviewing agent tool access

OVERVIEW

Executive overview

MCP connects agents to tools, resources, and prompts. This VNode developer program covers protocol primitives, server implementation patterns, authentication boundaries, and enterprise allowlisting concerns. Labs focus on practical internal integrations — not claiming Anthropic or vendor certification.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Implement an MCP server exposing tools and resources
- Wire an MCP client into an agent workflow
- Apply least-privilege design to tool schemas
- Document enterprise controls for MCP adoption

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Enables secure, reusable agent tool access to internal systems instead of one-off prompt hacks and shadow integrations.

Customization options

- Map labs to your repositories, languages, and delivery toolchain
- Emphasize Copilot, Cursor, Claude Code, Codex, or a multi-tool mix
- Add security, governance, or champion-enablement modules for enterprise rollout

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CURRICULUM

Curriculum roadmap

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MODULE 1

MCP foundations and primitives

VNode-designed module covering mcp foundations and primitives for enterprise AI coding adoption.

- VNode-designed module covering mcp foundations
- primitives for enterprise AI coding adoption

2

MODULE 2

Building servers and clients

VNode-designed module covering building servers and clients for enterprise AI coding adoption.

- VNode-designed module covering building servers
- clients for enterprise AI coding adoption

3

MODULE 3

Security and identity for tool calling

VNode-designed module covering security and identity for tool calling for enterprise AI coding adoption.

- VNode-designed module covering security
- identity for tool calling for enterprise AI coding adoption

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MODULE 4

Enterprise packaging and governance

VNode-designed module covering enterprise packaging and governance for enterprise AI coding adoption.

- VNode-designed module covering enterprise packaging
- governance for enterprise AI coding adoption

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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