ENTERPRISE PROGRAM BRIEF

Prompt and Context Engineering for Coding Agents

Techniques for structuring prompts, repository instructions, and multi-step agent context so coding agents deliver reliable engineering outcomes.

VNode ITeS | AIC-120

DURATION	LEVEL	FORMAT
8 hours	Intermediate	Virtual, On-site, or Hybrid

AUDIENCE PROFILE

Built for these roles

Developers who use coding agents daily Staff engineers defining team conventions Developer experience engineers authoring repo guidance

OVERVIEW

Executive overview

Most AI coding failures are context failures. This VNode program teaches engineers how to encode goals, constraints, done-when criteria, and project conventions into reusable prompts, rules files, and AGENTS.md-style guidance. Participants practice iterative refinement without over-prompting.

READINESS

Prerequisites

- AIC-110 or equivalent hands-on AI coding experience

PROGRAM OUTCOMES

Capabilities your teams will gain

- Author prompts that produce reviewable, constrained changes
- Create repository instruction files that improve agent consistency
- Decompose complex tasks into verifiable agent steps
- Measure prompt quality via review outcomes and rework rates

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Improves first-pass quality of agent output and reduces review churn by standardizing how teams brief coding agents.

- 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

CURRICULUM

Curriculum roadmap

1 MODULE 1

Prompt patterns for coding agents

VNode-designed module covering prompt patterns for coding agents for enterprise AI coding adoption.

- Goal, context, constraints, done-when prompting
- Repository instructions and AGENTS.md patterns

2 MODULE 2

Repository memory and project conventions

VNode-designed module covering repository memory and project conventions for enterprise AI coding adoption.

- VNode-designed module covering repository memory
- project conventions for enterprise AI coding adoption

3 MODULE 3

Task decomposition and planning modes

VNode-designed module covering task decomposition and planning modes for enterprise AI coding adoption.

- VNode-designed module covering task decomposition
- planning modes for enterprise AI coding adoption

4 MODULE 4

Evaluation loops and team playbooks

VNode-designed module covering evaluation loops and team playbooks for enterprise AI coding adoption.

- VNode-designed module covering evaluation loops
- team playbooks 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