

Claude Certified Architect Foundation Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Claude Certified Architect Foundation Training by Multisoft Systems is designed to help professionals build a strong foundation in enterprise AI architecture using Claude-based solutions. This industry-oriented training introduces learners to the core concepts of Generative AI, Large Language Models (LLMs), AI-driven workflows, prompt engineering, and enterprise AI solution design.

Module 1: Agentic Architecture & Orchestration

- ✓ Agentic Loops & Core API
- ✓ Multi-Agent Orchestration
- ✓ Hooks & Programmatic Enforcement
- ✓ Session Management & Workflows

Module 2: Tool Design & MCP Integration

- ✓ Tool Description Best Practices
- ✓ Structured Error Responses
- ✓ Tool Distribution & Selection
- ✓ MCP Server Configuration
- ✓ Built-in Tools

Module 3: Claude Code Configuration & Workflows

- ✓ CLAUDE.md Hierarchy & Configuration
- ✓ Custom Commands & Skills
- ✓ Plan Mode & Iterative Refinement
- ✓ CI/CD Integration & Batch Processing

Module 4: Prompt Engineering & Structured Output

- ✓ Explicit Criteria & Instruction Design
- ✓ Few-Shot Prompting
- ✓ Tool Use for Structured Output
- ✓ Validation-Retry Loops & Multi-Pass Review

Module 5: Context Management & Reliability

- ✓ Context Optimization & Positioning & Escalation & Error Propagation
- ✓ Context Degradation & Extended Sessions
- ✓ Human Review & Information Provenance