

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank[®] Learning publications to make the learning fun and engaging
- Hands-on Claude labs every day
- We do not teach the test. We always deliver valuable hands-on experience
- All reading material and study guides sent to you when you register
- Every course taught by experienced Claude practitioners
- Six months mentoring access to our engineers after the course

TRAINING CAMP FORMAT

thinQtank[®] Learning delivers this course as a **three-day instructor-led training camp, Monday to Wednesday**. About 40% lecture and 60% hands-on Agent SDK, Claude Code and MCP labs. Hands-on work is set to suit the group and the delivery method. Contact us for the schedule covering your dates.

PREREQUISITES

- No certification prerequisite
- Anthropic recommends 6+ months building with the Claude API, Agent SDK, Claude Code and MCP
- To sit the exam, your employer must be a Claude Partner Network member (Anthropic's rule); the class itself is open to anyone

TARGET AUDIENCE

- Solution architects designing production Claude applications
- Senior engineers and technical leads building agents with Claude
- Consultants delivering Claude solutions end to end
- Service members, veterans and military spouses using AF COOL, Army CA, MyCAA or VET TEC 2.0

EXAM

Exam	Claude Certified Architect - Foundations (CCAR-F)
Exam fee	\$125 USD per attempt, set by Anthropic
Format	60 scenario-based questions in 120 minutes
Passing	720 on a 100-1,000 scaled score
Delivery	Testing center or online proctored; we help you schedule
Eligibility	Claude Partner Network employees only

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

COURSE OVERVIEW

thinQtank[®] Learning is offering a unique three-day training camp comprised of three days of instructor-led learning that gives students the knowledge and skills needed to design and implement production solutions with Claude: agentic architecture and multi-agent orchestration, tool design and MCP integration, Claude Code configuration and CI/CD, prompt engineering and structured output, and context management and reliability.

Claude Certified Architect - Foundations is Anthropic's credential for solution architects making real trade-off decisions with Claude Code, the Claude Agent SDK, the Claude API and the Model Context Protocol.

This course prepares you for the **Claude Certified Architect - Foundations (CCAR-F)** exam.

WHAT YOU WILL BE ABLE TO DO

- Design agentic loops and coordinator-subagent systems
- Design tool interfaces and integrate MCP servers
- Configure CLAUDE.md, slash commands, skills and CI/CD for Claude Code
- Enforce structured output with tool use and JSON schemas
- Manage context, escalation and error propagation across agents
- Design human review and confidence calibration

COURSE OBJECTIVES

Primary course objectives, following the official exam outline:

- Agentic Architecture and Orchestration
- Claude Code Configuration and Workflows
- Prompt Engineering and Structured Output
- Tool Design and MCP Integration
- Context Management and Reliability

EXCLUSIVE LEARNING PACKAGE

- thinQtank[®] Learning Accelerated Custom Exam Study Guide for this exam
- Practice exams built to the official exam outline
- Additional hours of remote lab access
- Custom video recordings for review
- Retake any or all of the course, in person or live online, for 24 months

ANTHROPIC CERTIFICATION PATH

Claude Certified Developer - Foundations

Build Claude apps, agents and integrations

Claude Certified Architect - Foundations

Design production Claude solutions

Claude Certified Architect - Professional

Enterprise Claude architecture

COURSE MODULES

01 Agentic Architecture and Orchestration

27% of exam

- › Topic A: Agentic loops
- › Topic B: Coordinator-subagent orchestration
- › Topic C: Agent SDK hooks
- › Topic D: Task decomposition
- › Topic E: Session state, resumption and forking

02 Claude Code Configuration and Workflows

20% of exam

- › Topic A: CLAUDE.md hierarchy and scoping
- › Topic B: Custom slash commands and skills
- › Topic C: Plan mode vs direct execution
- › Topic D: CI/CD integration

03 Prompt Engineering and Structured Output

20% of exam

- › Topic A: Explicit criteria and few-shot prompting
- › Topic B: Structured output with tool use and JSON schemas
- › Topic C: Validation and retry loops
- › Topic D: Batch and multi-pass review

04 Tool Design and MCP Integration

18% of exam

- › Topic A: Tool interfaces and boundaries
- › Topic B: Structured MCP error responses
- › Topic C: Distributing tools across agents
- › Topic D: Built-in tools

05 Context Management and Reliability

15% of exam

- › Topic A: Preserving context in long interactions
- › Topic B: Escalation and ambiguity
- › Topic C: Error propagation
- › Topic D: Human review and provenance

TERMS

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