

Certified Cost Professional (CCP) Exam Preparation Training Course

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Overview

Certified Cost Professional CCP Exam Preparation Training Course is a one-week advanced course for cost engineers, estimators, planners, schedulers, cost controllers, project-controls professionals, and project managers who leave with a CCP Preparation Evidence Portfolio. Participants connect Total Cost Management, cost engineering, project controls, cost estimating, planning and scheduling, performance measurement, risk and decision analysis, change control, and professional memo practice. Agile Leaders Training Center presents Certified Cost Professional preparation.

Who Should Attend

- Functions responsible for project cost estimating, budgeting, and estimate review
- Teams responsible for planning, scheduling, progress measurement, and forecasting
- Functions responsible for cost control, earned-value evidence, and performance reporting
- Personnel responsible for economic, risk, decision, and change analysis
- Experienced project professionals preparing across the CCP body of knowledge

The course assumes advanced project or cost-management experience and leaves credential eligibility, examination registration, certification decisions, and examination outcomes outside its scope.

Departments and Industries

The course supports departments and industries that apply life-cycle cost and project-controls practices.

- Project controls, cost engineering, estimating, and scheduling
- Program management, portfolio governance, and capital planning
- Construction, engineering, energy, and infrastructure
- Manufacturing, mining, utilities, and process industries
- Consulting, technology, transportation, and public services

Learning Objectives

By the end of this course, participants will be able to:

- Analyze Total Cost Management process relationships
- Apply estimating, economic-analysis, and budgeting methods
- Build integrated planning, scheduling, and cost-control records
- Evaluate performance, forecasts, risk, and change evidence
- Use structured reasoning for scenario-based questions

- Build a concise professional memo response

Course Agenda

Day 1: Map Total Cost Management

- Total Cost Management Life-Cycle Process Map
- Cost Engineering Competency and Responsibility Matrix
- Asset, Project, Program, and Portfolio Relationship Canvas
- Strategic Asset Planning Decision Flow
- CCP Knowledge-Domain Diagnostic Checklist

Day 2: Evaluate Cost and Economics

- Scope Definition and Estimate Basis Review Sheet
- Cost Estimate Classification and Method Selection Matrix
- Direct, Indirect, Fixed, Variable, and Life-Cycle Cost Model
- Cash-Flow and Economic Evaluation Worksheet
- Estimate Uncertainty and Contingency Reasoning Grid

Day 3: Integrate Schedule and Cost Control

- Work Breakdown and Cost Breakdown Alignment Map
- Network Schedule Logic and Critical-Path Analysis Sheet
- Resource, Duration, and Cost Integration Model
- Performance Measurement Baseline Control Record
- Earned-Value Variance and Forecast Analysis Dashboard

Day 4: Analyze Risk, Change, and Communication

- Decision and Risk Analysis Scenario Tree
- Quantitative Risk and Sensitivity Interpretation Sheet
- Change Identification, Evaluation, and Control Register
- Trend, Forecast, and Corrective-Action Decision Log
- Professional Technical Memo Structure and Evidence Map

Day 5: Practice CCP Preparation

- Suggested Exercise: Diagnose a Total Cost Management Scenario
- Suggested Exercise: Select an Estimating and Economic Method
- Suggested Exercise: Interpret Schedule, Cost, and Performance Evidence
- Suggested Exercise: Evaluate Risk and Change Responses
- Capstone Exercise: Present a CCP Preparation Evidence Portfolio

Practical Exercises

The course uses suggested activities to connect technical knowledge, calculations, evidence, and professional communication.

- Suggested activity: map a capital decision through Total Cost Management processes and assign cost-engineering responsibilities.
- Suggested activity: select estimating and economic-analysis methods from scope, maturity, uncertainty, and decision needs.
- Suggested activity: interpret schedule, earned-value, forecast, risk, and change evidence in an integrated scenario.
- Suggested activity: develop a concise memo with a defined issue, analysis, recommendation, and supporting evidence.

FAQs

Who suits Certified Cost Professional CCP preparation, and what does it assume?

Certified Cost Professional CCP preparation suits experienced cost and project-controls practitioners. It assumes working knowledge of estimating, scheduling, cost control, analysis, and professional reporting.

How does CCP exam preparation differ from a foundation cost-control course?

CCP exam preparation integrates advanced cost engineering, Total Cost Management, economics, scheduling, performance, risk, change, and communication. A foundation course develops narrower introductory control skills.

Does Certified Cost Professional preparation confer the CCP credential?

No. Certified Cost Professional preparation supports structured review and practice; credential eligibility, application, examination, and certification decisions remain with the credentialing body.

How does Total Cost Management support CCP preparation?

Total Cost Management links strategic asset decisions with project control processes across the life cycle, helping participants organize estimating, scheduling, performance, risk, change, and communication concepts.

Why does CCP preparation include professional memo practice?

Professional memo practice develops concise issue framing, evidence analysis, recommendations, and stakeholder communication across Total Cost Management situations.

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Conclusion

Participants take a CCP Preparation Evidence Portfolio back to their study and work setting. It links domain diagnostics, cost models, schedules, performance evidence, risk decisions, change records, and memo practice. The portfolio changes separate review topics into a traceable preparation plan with identified strengths, gaps, and practice priorities.

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