

CompTIA Project+ (PK0-005) Exam Prep

CompTIA Project+ PK0-005. Project lifecycle, terminology, and exam strategies with case studies.

[IT Certifications](#) Instructor: Brian Taylor • 5 sections • 44 lessons • 12.75h total

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About this course

Preparing for the CompTIA Project+ PK0-005 exam can feel overwhelming with all the terminology and processes to remember. This course cuts through the noise to give you a practical, step-by-step framework for project management fundamentals and what you need to pass.

We will walk you through the entire project lifecycle, from initiation and planning to execution and closure. You will learn how to apply key concepts in real scenarios, understand essential terminology, and use strategies for answering exam questions. The course includes case studies, downloadable study guides, and practice sessions.

Course curriculum

Foundations and Exam Overview

- **Understanding the PK0-005 Exam Structure (12m)**
Get a clear breakdown of the exam domains, question types, and scoring so you know exactly what to expect on test day.
- **Key Project Management Terminology (18m)**
Master the essential vocabulary and definitions you'll need to confidently answer exam questions and communicate in a project environment.
- **Project Constraints: The Triple Constraint Model (9m)**
Learn how scope, schedule, and cost interact and how to analyze trade-offs, a frequent topic on the exam.
- **Identifying Stakeholders and Their Needs (15m)**
A step-by-step guide to creating a stakeholder register and managing expectations effectively.
- **Project Selection Methods: Business Case & ROI (11m)**
We'll show you how to understand why projects are approved and how to evaluate their business value.
- **Project vs. Operational Work (7m)**
Clarify the differences between ongoing operations and temporary project work with real-world examples.
- **Project Management Methodologies: Waterfall vs. Agile (22m)**
A practical comparison of common methodologies, including hybrid approaches, to help you answer situational questions.
- **Setting Up Your Study Plan (8m)**
Downloadable template to organize your study schedule and track your progress through the course material.

Project Initiation and Planning

- **Developing the Project Charter (16m)**
Learn the critical components of a project charter and how it formally authorizes your project.
- **Creating the Project Management Plan (14m)**
Understand the components of the overall project plan and how they guide project execution.
- **Defining Scope: Requirements Collection (25m)**
Techniques for gathering, defining, and documenting project requirements to prevent scope creep.
- **Creating the Work Breakdown Structure (WBS) (21m)**
A hands-on session showing you how to break down project deliverables into manageable work packages.
- **Estimating Costs and Creating a Budget (19m)**
Practical methods for cost estimation and how to develop a realistic project budget.

- **Developing the Project Schedule (28m)**
Learn about sequencing activities, dependencies, and using tools like Gantt charts and the critical path.
- **Planning for Quality and Risk (17m)**
How to define quality standards and create a risk register to identify and mitigate potential issues.
- **Planning Communications and Procurements (13m)**
Strategies for planning who gets what information and how to approach vendor selection and contracts.
- **Real Case Study: Building a Project Plan (30m)**
We'll take a sample project and walk through creating the key planning documents from scratch.

Project Execution and Performance

- **Leading and Managing the Project Team (20m)**
Techniques for team development, motivation, and conflict resolution in a project setting.
- **Managing Stakeholder Engagement (12m)**
How to keep stakeholders informed and involved, and manage their expectations throughout the project.
- **Implementing Quality Assurance vs. Control (14m)**
Clarify the difference between QA and QC processes and their role in project success.
- **Executing the Project Work and Directing Changes (18m)**
Understanding the process of carrying out the project plan and managing change requests.
- **Managing Procurements and Vendor Contracts (16m)**
Key concepts for administering contracts and working with sellers and suppliers.
- **Monitoring Project Work: KPIs and Metrics (23m)**
Learn to use Key Performance Indicators to track project health and report on progress.
- **Problem-Solving Session: Handling Common Issues (26m)**
A practical workshop addressing typical project execution challenges and how to solve them.

Monitoring, Controlling, and Change Management

- **Validating and Controlling Scope (15m)**
How to formally accept deliverables and manage scope changes to prevent creep.
- **Controlling the Schedule: Variance Analysis (22m)**
Techniques for comparing planned vs. actual progress and getting the project back on track.
- **Controlling Costs: Earned Value Management (EVM) (32m)**
A deep dive into EVM concepts like PV, EV, and AC, and what they tell you about project performance.
- **Controlling Quality: Tools and Techniques (19m)**
Learn about control charts, Pareto charts, and other tools used to monitor quality.
- **Managing Project Risks: The Process (17m)**
A step-by-step guide to reassessing risks, implementing responses, and monitoring for new risks.
- **The Change Control Process Explained (14m)**
Understand the formal process for evaluating, approving, and implementing project changes.
- **Reporting on Project Performance (11m)**
How to create effective status reports and communicate performance to stakeholders.

- **Earned Value Analysis Problem Session (29m)**
Work through practice scenarios and calculations to master EVM for the exam.
- **Using Dashboards and Visual Reports (13m)**
A look at how to present project data visually for better decision-making.

Project Closure and Final Prep

- **Closing the Project: Final Steps (10m)**
Learn the formal process for closing a project, including obtaining final sign-offs and archiving records.
- **Conducting a Post-Project Review or Retrospective (16m)**
How to gather lessons learned and document what went well and what could be improved.
- **Handing Off to Operations and Final Reporting (9m)**
Understanding the transition process and final administrative tasks after project completion.
- **Reviewing Exam Domains: What to Focus On (24m)**
A comprehensive review of all exam domains to identify and fill any remaining knowledge gaps.
- **Practice Exam Strategy and Time Management (18m)**
Proven strategies for tackling multiple-choice questions, eliminating distractors, and managing your time.
- **Final Exam Prep: Key Formulas and Concepts (15m)**
A quick-reference guide to the most important formulas, processes, and terms you must memorize.
- **Next Steps: After You Pass the Project+ Exam (7m)**
Advice on leveraging your new certification for career growth and potential next certifications.
- **Full-Length Mock Exam Walkthrough (Part 1) (35m)**
We'll answer a set of practice questions together, explaining the reasoning behind each correct answer.
- **Full-Length Mock Exam Walkthrough (Part 2) (38m)**
Continuation of our mock exam review, focusing on tricky scenarios and advanced concepts.
- **Final Checklist and Exam Day Readiness (6m)**
A simple checklist to ensure you're fully prepared for the logistics and mental state of exam day.
- **Congratulations and Continuing Your Journey (5m)**
A final word from the instructor on maintaining your certification and building on your project management skills.

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