

CT-P+: CompTIA Project+

Course Code: CT-P+

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

CompTIA Project+ Opens the Door to Your Project Management Career!

With a median annual salary of \$104360 for Project+ certified professionals in the United States and Canada, CompTIA Project+ is ideal for IT professionals who manage smaller, less-complex projects as part of their job duties but still require foundational project management skills. Project+ is versatile because it covers essential project management concepts beyond the scope of just one methodology or framework.

SKILLS COVERED

- Project Basics -The properties of project, phases, schedules, roles and responsibilities, and cost controls, as well as the basic aspects of Agile methodology
- Project Constraints -The impact of various constraint variables and influences throughout the project and the importance of risk strategies and activities
- Communication and Change Management -The appropriate communication methods of influence and change control processes within the context of a project
- Project Tools and Documentation - Various project management tools and project and partner-centric documentation

WHO SHOULD ATTEND?

Designed for IT Professionals

CompTIA Project+ covers the methodologies, frameworks and Agile skills necessary to efficiently manage and deliver IT projects while taking new topics like change management and compliance into consideration.

PREREQUISITES

There are no prerequisites required to attend this course.

MODULES

Module 1: Preparing for the Project

Topic 1A: Understand Project Management Basics

Exam objectives covered:

- This topic covers the foundational concepts of project management and does not address a specific exam objective

Topic 1B: Develop the Business Case

Exam objectives covered:

- 2.1 Explain the value of artifacts in the discovery/concept preparation phase for a project.
- 4.1 Summarize basic environmental, social, and governance (ESG) factors related to project management activities.

Topic 1C: Identify Project Characteristics

Exam objectives covered:

- 1.1 Explain the basic characteristics of a project and various methodologies and frameworks used in IT projects.

- 1.10 Given a scenario, perform basic activities related to team and resource management

Module 2: Selecting the Project Framework

Topic 2A: Identify Project Methodologies

Exam objectives covered:

- 1.1 Explain the basic characteristics of a project and various methodologies and frameworks used in IT projects.
- 1.7 Compare and contrast quality management concepts and performance management concepts.
- 4.5 Explain operational change control processes during an IT project.
- 1.10 Given a scenario, perform basic activities related to team and resource management

Topic 2B: Compare Agile and Waterfall Projects

Exam objectives covered:

- 1.2 Compare and contrast Agile vs. Waterfall concepts
- 1.10 Given a scenario, perform basic activities related to team and resource management

Module 3: Initiating the Project

Topic 3A: Build a Project Team

Exam objectives covered:

- 1.10 Given a scenario, perform basic activities related to team and resource management.
- 2.2 Given a scenario, perform activities during the project initiation phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle

Topic 3B: Prepare Project Initiation Documents

Exam objectives covered:

- 1.7 Compare and contrast quality management concepts and performance management concepts.
- 2.2 Given a scenario, perform activities during the project initiation phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle.

Module 4: Facilitating Effective Meetings

Topic 4A: Lead Effective Meetings

Exam objectives covered:

- 1.8 Compare and contrast communication management concepts.
- 1.9 Given a scenario, apply effective meeting management techniques.
- 1.10 Given a scenario, perform basic activities related to team and resource management.
- 2.4 Given a scenario, perform activities during the project execution phase.

Topic 4B: Use Project Management Tools

Exam objectives covered:

- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle.
- 3.2 Compare and contrast various project management productivity tools.
- 3.3 Given a scenario, analyze quality and performance charts to inform project decisions

Topic 4C: Create a Communication Plan

Exam objectives covered:

- 1.8 Compare and contrast communication management concepts.

- 2.3 Given a scenario, perform activities during the project planning phase

Module 5: Implementing Solution Design

Topic 5A: Create a Solution Design Document
Exam objectives covered:

- 2.2 Given a scenario, perform activities during the project initiation phase.
- 3.3 Given a scenario, analyze quality and performance charts to inform project decisions

Topic 5B: Evaluate IT Infrastructure Needs
Exam objectives covered:

- 2.2 Given a scenario, perform activities during the project initiation phase.
- 4.2 Explain relevant information security concepts impacting project management concepts.
- 4.3 Explain relevant compliance and privacy considerations impacting project management.
- 4.4 Summarize basic IT concepts relevant to IT project management.

Module 6: Managing Resources

Topic 6A: Describe the Resource Life Cycle
Exam objectives covered:

- 1.10 Given a scenario, perform basic activities related to team and resource management.

Topic 6B: Conduct a Needs Assessment
Exam objectives covered:

- 1.10 Given a scenario, perform basic activities related to team and resource management.
- 2.3 Given a scenario, perform activities during the project planning phase.

- 3.3 Given a scenario, analyze quality and performance charts to inform project decisions.

Module 7: Managing Risk

Topic 7A: Identify and Analyze Risk
Exam objectives covered:

- 1.4 Given a scenario, perform risk management activities.
- 1.5 Given a scenario, perform issue management activities.'
- 2.3 Given a scenario, perform activities during the project planning phase.

Topic 7B: Treat and Monitor Risk
Exam objectives covered:

- 1.4 Given a scenario, perform risk management activities.
- 2.3 Given a scenario, perform activities during the project planning phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle.

Module 8: Creating a Project Schedule

Topic 8A: Define Units of Work
Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 2.3 Given a scenario, perform activities during the project planning phase.

Topic 8B: Sequence the Activities
Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.

- 2.3 Given a scenario, perform activities during the project planning phase.

Module 9: Creating a Project Plan

Topic 9A: Refine the Timeline

Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle.

Topic 9B: Establish Project Baselines

Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 2.3 Given a scenario, perform activities during the project planning phase.

Topic 9C: Create a Quality Assurance Plan

Exam objectives covered:

- 1.7 Compare and contrast quality management concepts and performance management concepts.
- 2.3 Given a scenario, perform activities during the project planning phase.
- 4.5 Explain operational change control processes during an IT project.

Module 10: Procuring Solutions

Topic 10A: Compare Procurement Options

Exam objectives covered:

- 1.11 Explain important project procurement and vendor selection concepts

- 2.1 Explain the value of artifacts in the discovery/ concept preparation phase for a project.

Topic 10B: Evaluate and Select Vendors

Exam objectives covered:

- 1.11 Explain important project procurement and vendor selection concepts.
- 2.4 Given a scenario, perform activities during the project execution phase.

Module 11: Managing Project Execution

Topic 11A: Document Progress

Exam objectives covered:

- 1.10 Given a scenario, perform basic activities related to team and resource management.
- 2.4 Given a scenario, perform activities during the project execution phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle

Topic 11B: Communicate Progress

Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 1.10 Given a scenario, perform basic activities related to team and resource management.
- 2.4 Given a scenario, perform activities during the project execution phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle.
- 3.3 Given a scenario, analyze quality and performance charts to inform project decisions

Module 12: Managing Issues and Changes

Topic 12A: Resolve Issues

Exam objectives covered:

- 1.4 Given a scenario, perform risk management activities.
- 1.5 Given a scenario, perform issue management activities.
- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 3.3 Given a scenario, analyze quality and performance charts to inform project decisions

Topic 12B: Control Changes

Exam objectives covered:

- 1.3 Given a scenario, apply the change control process throughout the project life cycle.
- 4.5 Explain operational change control processes during an IT project

Module 13: Managing Performance

Topic 13A: Measure Performance

Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 1.7 Compare and contrast quality management concepts and performance management concepts.
- 2.4 Given a scenario, perform activities during the project execution phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle

Topic 13B: Maintain the Project Schedule

Exam objectives covered:

- 1.6 Given a scenario, apply schedule development and management activities and techniques.
- 2.4 Given a scenario, perform activities during the project execution phase.
- 3.1 Given a scenario, use the appropriate tools throughout the project life cycle

Module 14: Wrapping Up the Project

Topic 14A: Prepare for Project Closure

Exam objectives covered:

- 2.4 Given a scenario, perform activities during the project execution phase.
- 2.5 Explain the importance of activities performed during the closing phase.

Topic 14B: Close the Project

Exam objectives covered:

- 2.5 Explain the importance of activities performed during the closing phase.

END OF PAGE