

## 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:

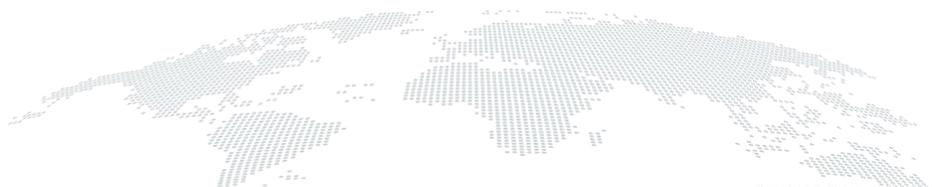
- 1.10 Given a scenario, perform basic activities related to team and resource management.

### 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.

