

[View Full Course Details including Latest Schedule Online](#)

PHOENIX TS

Advanced IT Project Management

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

This 4-day instructor-led course teaches students to successfully manage IT projects and teams. The course walks students through each step of the project management process, covering critical strategies for on-time and within-budget projects. Students will cover initiating the project, developing project plans, working with management, managing project scope, creating the budget, building a project plan, organizing a project team, and managing teams. In addition, students will learn about implementing and revising the project plan, enforcing quality, and finally completing the project. At the conclusion of this course, participants will be able to:

- Define project management and the steps of a project management life cycle.
- Understand how to manage projects that involve information technology (IT) such as development and management of IT infrastructure, systems, software, and security.
- Identify concepts, tools and techniques used for IT project management.
- Implement the PMBOK (6E) guidelines and apply the guidelines to an IT project.
- Apply project management knowledge areas to IT projects.
- Develop an understanding of Agile processes and Agile project management resources.
- Identify project goals and define value delivery.
- Define process groups using initiating, planning, executing, monitoring, and closing.
- Determine the project integration, scope, schedule, cost, quality, resource, communication, risk, and stakeholder management processes of a project.
- Monitor projects to identify IT project pitfalls and develop solutions.
- Evaluate advantages and disadvantages of IT project processes.
- Successfully manage a project from project initiation to project closure

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Course Outline

Module 1. Introduction to Project Management

- What is a project?
- What is project management?
- Program and Project Portfolio Management
- The Role of the Project Manager
- The Project Management Professional

Module 2. The Project Management and Information Technology Context

- A Systems View of Project Management
- Understanding Organizations
- Focusing on Stakeholder Needs
- Project and Product Life Cycles
- The Context of Information Technology Projects
- Recent Trends Affecting Information Technology Project Management

Module 3. The Project Management Process Groups: A Case Study

- Project Management Process Groups
- Mapping the Process Groups to the Knowledge Areas
- Developing an Information Technology Project Management Methodology
- Templates by Process Group

Module 4. Project Integration Management

- What is Project Integration Management?
- Strategic Planning and Project Selection
- Methods for Selecting Projects
- Developing a Project Charter
- Developing a Project Management Plan
- Directing and Managing Project Work
- Managing Project Knowledge
- Monitoring and Controlling Project Work
- Performing Integrated Change Control
- Closing Projects or Phases
- Using Software to Assist in Project Integration Management
- Considerations for Agile/Adaptive Environments

Module 5. Project Scope Management

- What is Project Scope Management?
- Planning Scope Management
- Collecting Requirements
- Defining Scope
- Creating the Work Breakdown Structure
- Validating Scope
- Controlling Scope
- Using Software to Assist in Project Scope Management
- Considerations for Agile/Adaptive Environments

Module 6. Project Schedule Management

- The Importance of Project Schedules
- Planning Schedule Management
- Defining Activities
- Sequencing Activities
- Estimating Activity Durations
- Developing the Schedule
- Controlling the Schedule
- Using Software to Assist in Schedule Management
- Considerations for Agile/Adaptive Environments

Module 7. Project Cost Management

- The Importance of Project Cost Management
- Basic Principles of Cost Management
- Planning Cost Management
- Estimating Costs
- Determining the Budget
- Controlling Costs
- Using Project Management Software to Assist in Cost Management
- Considerations for Agile/Adaptive Environments

Module 8. Project Quality Management

- The Importance of Project Quality Management
- What is Project Quality Management?
- Planning Quality Management
- Managing Quality
- Controlling Quality
- Tools and Techniques for Quality Control
- Modern Quality Management
- Improving Information Technology Project Quality
- Using Software to Assist in Project Quality Management

- Considerations for Agile/Adaptive Environments

Module 9. Project Resource Management

- The Importance of Resource Management
- What is Project Resource Management?
- Keys to Managing and Leading People
- Developing the Resource Management Plan and Team Charter
- Estimating Activity Resources
- Acquiring Resources
- Developing the Project team
- Managing the Project Team
- Controlling Resources
- Considerations for Agile/Adaptive Environments

Module 10. Project Communications Management

- The Importance of Project communications Management
- Keys to Good Communication
- Planning Communication Management
- Managing Communications
- Monitoring Communications
- Suggestions for Improving Project Communications
- Using Software to Assist in Project communications
- Considerations for Agile/Adaptive Environments

Module 11. Project Risk Management

- The Importance of Project Risk Management
- Planning Risk Management
- Common Sources of Risk on Information Technology Projects
- Identifying Risks
- Performing Qualitative Risk Analysis
- Performing Quantitative Risk Analysis
- Planning Risk Responses
- Implementing Risk Responses
- Monitoring Risks
- Using Software to Assist in Project Risk Management
- Considerations for Agile/Adaptive Environments

Module 12. Project Procurement Management

- Importance of Project Procurement Management
- Planning Procurement Management
- Conducting Procurement
- Controlling Procurements
- Using Software to Assist in Project Procurement Management

- Considerations for Agile/Adaptive Environments

Module 13. Project Stakeholder Managements

- Importance of Project Stakeholder Management
- Identifying Stakeholders
- Planning Stakeholder Management
- Managing Stakeholder Engagement
- Monitoring Stakeholder Engagement
- Using Software to Assist in Project Stakeholder Management
- Considerations for Agile/Adaptive Environment

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Phoenix TS is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints re-garding registered sponsors may be submitted to the National Registry of CPE Sponsors through its web site: www.nasbaregistry.org

Starting at **\$2,040**

ATTENTION

For GSA pricing or Contractor quotes call
301-258-8200 – Option 2.

GSA



Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.