

Project Management for Technical Professionals

Project Management for Technical Professionals delivers practical, hands-on training in essential project management concepts and techniques that every technical professional must know. The course extends PMBOK® concepts with field-proven best practices that are effective in any project setting. The importance of planning for post-project value is emphasized throughout this course. Topics include:

- Focus on post-project Business Value
- Partnering with stakeholders
- Developing effective estimates
- Getting buy-in on project goals and scope
- Managing stakeholder engagement and expectations
- Defining scope: WBS and requirements
- Developing schedule and budget
- Setting and managing project baselines
- Establishing effective communication
- Building quality into deliverables
- Using change control and risk management to protect time and cost objectives
- Status reports and forecasts
- Planning and executing an effective implementation
- Gaining organizational adoption
- Administrative and contract closure
- Lessons Learned

Who should attend

This course is of special value to project managers and team leads who want a solid, guiding PM framework; experienced project managers who want to add to their toolkit of tools and techniques; managers of project managers, and functional managers with project responsibility who want a deeper understanding of project management principles; and Project Management Office staff

Prerequisites

This course assumes some prior experience with project management, either as project manager or team lead.

Course Information

- **Course I.D. Number:** 2025
- **Duration:** 4 days
- **Participants receive:**
 - PMP®-certified instruction
 - Comprehensive Participant Guide
 - A set of high-quality Project Management templates
 - Certificate of Participation
 - 28 PDUs (Technical: 21 Leadership: 5 Strategic: 2)
- **Typical class size:** 6 to 24 attendees
- **Delivery:** Virtual or onsite

Learning Approach

- A highly experienced instructor will use interactive lecture format, numerous hands-on exercises, team activities, group discussions, and other techniques to drive home the essential points of this material.
- You have the option of using your own, ongoing project as the focus of class exercises. As a result, not only do you gain experience with the tools, but you also learn more about your project.
- Take this course and learn how to avoid the problems that project managers most often encounter.

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Course Outline

I. Project Structure

- Sources of project success and failure
- Why technology projects are different
- Essential PM Concepts
- Project and product lifecycles
- Agile and Waterfall
- Project roles
- Planning for post-project Business Value

II. Project Initiation

- Every project is an investment
- Value of the Project Charter
- Defining project and business objectives
- Establishing preliminary scope boundaries
- Keeping scope, time and cost in balance
- Identifying and analyzing stakeholders
- Importance of stakeholder engagement
- Creating useful estimates of time and cost
- Building a strong project foundation

III. Project Planning

- Defining Scope: Requirements and the WBS
- Better requirements for greater success
- Scheduling and the Critical Path
- Resource planning
- Developing an effective, time-phased budget
- Avoiding procurement pitfalls

- Deliverables quality: focus on customer satisfaction
- Strategies for effective project communication
- Proactive management of Threats and Opportunities
- Planning for Organizational Adoption
- Setting project baselines
- Planning for long-term project value

IV. Execution and Control

- Building project deliverables
- Managing the team
- Testing for compliance to requirements
- Delivering useful status reports
- Forecasting with Earned Value Management
- Preventing scope creep with change control
- Controlling cost and schedule
- Transition planning: preparing for deployment
- Executing a successful implementation
- Defeating resistance to change

V. Successful Conclusion

- Executing the Business Value plan
- Contract and administrative closure
- Measuring project success
- Lessons Learned and continual improvement

This course includes over 20 hands-on exercises and facilitated discussions. Course material is fully PMBOK® and BABOK® compliant.

Why should I take this course?

- We will build on your prior experience in this topic, while providing you with a structure and vocabulary to use in future projects.
- If you are new to project management, the exercises in this course will give you hands on experience with all of the primary techniques required to manage a project.
- Experienced project managers will obtain a vocabulary and framework that lends structure and perspective to the wealth of experience they already have.
- All participants take home a set of tools and techniques to help them deal with all aspects of project planning and execution.

Licensing

Use this course to teach your students! This course is available under license to qualified Training Providers. See: <http://www.cvr-it.com/coursewareondemand/> for details or contact us: **800.877.8129** or **info@cvr-it.com**