

IT PROJECT MANAGEMENT

Course number : 120

Overview

Learn the fundamentals and best practices of project management methodology as applied to IT initiatives, and practice and master the skills you need to deliver IT projects on time, within budget, and to specification. Examine all aspects of IT projects, including hardware, software, vendor relationships, communicating with different audiences, and working with virtual teams. Learn to determine project scope through effective requirements identification, set and manage stakeholder expectations, identify and manage IT risks, and meet quality standards. Learn how to overcome the most common pitfalls of IT project success.

Students pursuing a university-recognized and/or accredited certificate in Canada or continuing education units in the US must attend at least 90% of class time, participate in class exercises and section-knowledge checks, and score at least 70% on an end-of-class, multiple-choice assessment.

What you'll learn

- Foundations of project management
- IT project life cycle
- Quality requirements
- Project stakeholders, scope, and uncertainty
- Project requirements
- Create a work breakdown structure
- Create a network diagram based on activity sequence and duration
- Assign responsibility for project activities
- Estimate project cost
- Create a communication management plan
- Assess project risk and determine risk response strategies
- Manage vend

Who should attend

IT professionals, IT project managers, IT managers, IT project team members, associate project managers, project managers, project coordinators, project analysts, project leaders, senior project managers, team leaders, product managers, and program managers.

Pre-requis

If you have previously taken Project Management Fundamentals, you should not take this course, as there is significant content overlap.

Outline

IT Project Foundations

- IT Project Success and Failure
- Practical Project Methodologies
- Software Development Methodologies and Processes
- Definition of a Project
- Project Management as a Service Industry
- Formal vs. Informal Management
- Complexity and Uncertainty in Projects
- Influences of Organizational Structure on Project Management
- Project Management Institute (PMI)®
- Project Management Life Cycle
- Project Management as a Subset of Overall Management Skills
- Iterative Nature of the Project Management Life Cycle

Quality in IT Projects

- Quality Management
- IT Project Testing

Project Initiation

- Activities of Project Initiation

Project Scope Definition

- Scope
- Defining and Gathering Requirements
- Tracing
- Work Breakdown Structure

Time Management and Scheduling

- Time Decomposition

- Network Diagramming

Resource Planning

- Identification of Required Project Resources
- Roles and Responsibilities Chart
- Staffing Management Plan
- Resource Constraints
- Responsibility Assignment Matrix

Cost Management and Control

- Cost Planning and Analysis
- Cost Estimating Techniques
- Levels of Accuracy in Estimates
- Cost Estimates at Planning Milestones
- Contingency and Management Reserves

Communications Management

- Management of Stakeholder Expectations
- Considerations for Effective Communication
- Lines of Communication
- Forms of Communication
- Communication Management Plan

Risk Management

- Essentials of Project Risk Management
- Risk Sources for the IT Project
- Stakeholder Risk Tolerance
- Risk Identification Techniques
- Risk Ranking
- Risk Triggers
- Risk Response Strategies

Vendor Management

- Procurement and Sourcing Management
- Overview of Vendor Management

- Vendor Management Success
- Measures of Vendor Management Success

Change Management

- Project Changes
- Integrated Change Control
- Change Control Process

Phase and Project Closure

- Phase and Project Closing
- Lessons Learned
- Phase and Project Reports

HANDS-ON EXERCISES

- Identify Quality Requirements
- Identify the Stakeholders
- Complete the Project Charter
- Trace Requirements
- Determine the Work Breakdown Structure
- Break Down the Work into Activities
- Sequence the Activities
- Estimate Activity Duration
- Use Network Diagramming
- Identify Resource Requirements
- Create a Responsibility Assignment Matrix
- Develop a Project Cost Estimate
- Create a Communication Management Plan
- Assess Project Risks
- Determine Risk Response Strategies
- Manage a Vendor Driven Change
- Develop a Change Management Plan

Schedule

Location Dates

Cotonou Mar 01, 2018 - Mar 07, 2018
08:00 AM - 05:00 PM

Status

Available [Register Now >>](#)

Tuition

IN CLASSROOM OR ONLINE PRIVATE TEAM TRAINING

STANDARD \$3895

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FAQ

Certification