



Analytics Program and Project Management

Course ID #: 7000-825-ZZ-Z

Hours: 14

Course Content

Course Description:

In this course you will cover more than one hundred case studies that detail projects at high-profile companies around the world. These cases offer you a unique opportunity to experience, first-hand, project management in action within a variety of contexts and up against some of the most challenging conditions any project manager will likely face. New to this course are case studies focusing on agile and scrum methodologies.

Target Audience:

Experienced PMs, project managers in training, and students alike will find this course to be an indispensable resource.

Topics:

Lesson 1: Project Management Methodologies

- Lakes Automotive
- Ferris HealthCare, Inc.
- Clark Faucet Company
- Creating a Methodology
- Honicker Corporation
- Acquisition Problem

Lesson 2: Implementation of Project Management

- Kombs Engineering
- Williams Machine Tool Company
- The Reluctant Workers
- Macon, Inc.
- Cordova Research Group
- Cortez Plastics
- The Enterprise Resource Planning Project
- The Prioritization of Projects
- Selling Executives on Project Management
- The New CIO
- The Invisible Sponsor
- The Trade-off Decision (A)
- The Trade-off Decision (B)
- The Project Audit

Lesson 3: Project Management Cultures

- Como Tool and Die (A)
- Como Tool and Die (B)
- Apache Metals, Inc.
- Haller Specialty Manufacturing
- Coronado Communications
- Radiance International
- The Executive Director

Lesson 4: Project Management Organizational Structures

- Quasar Communications, Inc.
- Fargo Foods
- Government Project Management
- Falls Engineering
- White Manufacturing
- Martig Construction Company

Lesson 5: Negotiating for Resources

- Ducor Chemical
- American Electronics International
- The Carlson Project
- Communication Failures



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Lesson 6: Project Estimating

- Capital Industries
- Small-Project Cost Estimating at Percy Company
- Cory Electric
- Camden Construction Corporation
- The Estimating Problem
- The Singapore Software Group (A)
- The Singapore Software Group (B)
- The Singapore Software Group (C)
- The Singapore Software Group (D)
- To Bid or Not to Bid

Lesson 7: Project Planning

- Greyson Corporation
- Teloxy Engineering (A)
- Teloxy Engineering (B)
- Payton Corporation
- Kemko Manufacturing
- Chance of a Lifetime

Lesson 8: Project Scheduling

- Crosby Manufacturing Corporation
- The Scheduling Dilemma

Lesson 9: Project Execution

- The Blue Spider Project
- Corwin Corporation
- Quantum Telecom
- The Trophy Project
- Margo Company
- Project Overrun
- The Automated Evaluation Project
- The Rise, Fall, and Resurrection of Iridium: A Project Management Perspective
- Health Care Partners, Inc.
- McRoy Aerospace
- The Poor Worker
- The Prima Donna
- The Team Meeting
- The Management Control Freak
- The Skills Inventory Project

Lesson 10: Controlling Projects

- The Two-Boss Problem
- The Bathtub Period
- Irresponsible Sponsors
- The Need for Project Management Metrics (A)
- The Need for Project Management Metrics (B)
- The Need for Project Management Metrics (C)
- The Need for Project Management Metrics (D)
- The Need for Project Management Metrics (E)
- The Need for Project Management Metrics (F)
- The Need for Project Management Metrics (G)
- The Need for Project Management Metrics (H)

Lesson 11: Project Risk Management

- The Space Shuttle Challenger Disaster
- Packer Telecom
- Luxor Technologies
- Altex Corporation
- Acme Corporation
- The Risk Management Department

Lesson 12: Conflict Management

- Facilities Scheduling at Mayer Manufacturing
- Scheduling the Safety Lab
- Telestar International
- The Problem with Priorities

Lesson 13: Morality and Ethics

- The Project Management Lawsuit
- Managing Crisis Projects
- Is It Fraud?
- The Management Reserve

Lesson 14: Managing Scope Changes

- Denver International Airport
- Appendix A Municipal Bond Prospectus



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Lesson 15: Wage and Salary Administration

- Photolite Corporation (A)
- Photolite Corporation (B)
- Photolite Corporation (C)
- Photolite Corporation (D)
- First Security Bank of Cleveland
- Jackson Industries

Lesson 16: Time Management

- Time Management Exercise

Lesson 17: Industry Specific: Construction

- Robert L. Frank Construction Company
- The Lyle Construction Project

Lesson 18: Industry Specific: Disney Theme Parks

- Disney (A): Imagineering Project Management
- Disney (B): Imagineering Project Management in Action – The Haunted Mansion
- Disney (C): Disney Theme Parks and Enterprise Environmental Factors
- Disney (D): The Globalization of Disneyland
- Disney (E): Ocean Park Hong Kon: Competing against Disney

Lesson 19: Industry Specific: The Olympic Games

- Olympics (A): Would You Want to Manage Projects for the City Hosting the Olympic Games?
- Olympics (B): The Olympics, Project Management, and PMI's Code of Ethics and Professional Conduct
- Olympics (C): Would you Want to Manage Projects for the Feeding of Athletes in the Olympic Village?
- Olympics (D): Managing Health Risks for Some Olympic Venues

Lesson 20: Industry Specific: The Commercial Aircraft Industry

- Philip Condit and the Boeing 777: From Design and Development to Production and Sales
- Boeing 787 Dreamer Battery Issues
- The Airbus A380 Airplane

Lesson 21: Agile/Scrum Project Management

- Agile (A): Understanding Implementation Risks
- Agile (B): Project Management Mind-set
- Agile (C): Managing and Reporting Project Agility

Register for this class by visiting us at:

www.tcworkshop.com or calling us at 800-639-3535