

Module 1: Project Management Fundamentals

- Project Management Basics
 - Project Management Defined
 - Project Management Responsibilities
 - Project Management Terminology
 - Project Management Tools and Technology
 - Architecture and Methodology – Compatibility and Dependency
- Project Management Success
 - The Right Balance
 - Deliver Results
 - On Time and within Budget
 - Meeting Expectations
 - With Happy Customers
- Project Management Failures
 - Missing Success Criteria
 - High Stress
 - Bad Feelings and Damaged Relationships

Module 2: Challenges of BI Projects

- BI Projects vs. IT Projects
 - Lifecycle Differences
 - Methodology Differences
 - Different Requirements
 - Different Stakeholders
 - Business Scope and Visibility
 - External Dependencies
 - Different Skills
- Kinds of BI Projects
 - Data Integration and Data Warehousing
 - Query and Reporting
 - Business Analytics
 - Monitoring and Management Systems
 - Data Mining
 - Decision Automation
 - Operational Integration
 - Technology and Infrastructure
- Project Management Methods
 - Project Management Institute (PMI)
 - PMI in Greater Detail
 - Rational Unified Process (RUP)
 - RUP in Greater Detail
 - Agile Project Management
 - Hybrid Methods
 - A Checklist for High-Quality Requirements

- Systems Development Tools
- Software Configuration Management (SCM)
- Maintenance Requirements
- Service Oriented

Module 3: Defining a BI Project

- Project Definition Questions
 - What Will You Deliver?
 - To Whom Will You Deliver?
 - With What Interested Parties?
 - With What Participants?
 - Using What Resources?
 - At What Cost?
 - By When Will You Deliver?
 - For What Purpose or Value?
 - With What Success Criteria?
- The Project Charter
 - Forman Project Definition
 - Sponsors
 - Description
 - Statement of Scope
 - Top-Level Business Requirements
 - Business Rationale and Priority
 - Project Dependencies
 - Stakeholders
 - Staffing: Roles, Skills, and Responsibilities
 - Top-Level Schedule
 - Budget and Resource Allocation
 - Success Criteria and Measures
 - Assumptions and Constraints
 - Readiness and Risk Assessment

Module 4: Choosing the Project Approach

- Fitting to the Organization
 - A CMMI View
 - Project Size and Duration
 - Kind of Project
 - Level of Readiness
 - Level of Risk
- Fitting to the Project
 - Level of Readiness
 - Level of Risk
 - Degree of Formality
 - Traditional, Rational, Agile, or Hybrid?
- Defining the Project Structure
 - Lifecycle and Methodology
 - Project Governance

- Organizations and Teams
- Change Control
- Issues Management
- Document Management
- Communication and Reporting

Module 5: Running the Project

- Planning the Project
 - PMI Planning
 - Rational Planning
 - Agile Planning
- Executing the Project
 - PMI Execution
 - Rational Execution
 - Agile Execution
- Monitoring and Controlling the Project
 - PMI Project Control
 - Rational Project Control
 - Agile Project Control
- Completing the Project
 - PMI Project Closure
 - Rational Project Closure
 - Agile Project Closure

Module 6: Summary and Conclusion

- Summary of Key Points
 - A Quick Review
- References and Resources
 - More Project Management Information

Appendices: Appendix A

- Bibliography and References