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
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
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