


OBJECT-ORIENTED PROJECT MANAGEMENT


- Project Managers, Software Managers, Team Leaders and Technical Leads will learn the latest techniques in maximising the benefits of Object-Oriented Technology.
- Just as the entire focus of development has shifted with Object-Oriented software engineering, the methods for managing these developments also need a paradigm shift.
- This course is a formal training session designed for practising managers and team leaders.
- The course is a total of two days duration, with full course notes provided.

COURSE OUTLINE

Why Object-Oriented?

- OO Concepts
- OO Models (inc. use of UML notation)
- Key OO management techniques 
- Benefits

Object-Oriented Analysis:

- Workflows
- Use Case Analysis 
- Scenarios
- Domain Object Models

Object-Oriented Design:

- UML Notation Overview
- Software Architecture and Frameworks
- Design Patterns
- What to Expect with OO Design

OO Implementation & Testing:

- Object-Oriented Languages
- OO Development Lifecycle & Testing
- Testing Techniques
- Test Frameworks

Managing OO Developments:

- Development Life-cycles
- Iterative Development 
- Project Focus
- Estimation Techniques 
- Object-Oriented Metrics
- Enabling Reuse
- Configuration Management
- Team and Organisational Structures
- Risks with Object-Oriented Developments

Migrating to OO Technology:

- Migration Plan
- Technical Skills
- The Learning Process
- Development Environment
- Building Frameworks
- Cost and Schedule Implications

Practical Sessions:



Hands-on workshop exercises are undertaken for these topics to gain a more practical appreciation



An interactive group session is held to demonstrate the importance of key techniques.

