

Apply Business Analysis to Iterative Projects

2 Days

This course examines the role of the business analyst (BA) in iterative projects that apply a range of process rigor, from disciplined to agile. Practical tasks and techniques are presented to equip the BA with the skills and knowledge required to perform the BA role effectively on iterative development projects. Students learn to identify and analyze stakeholder perspectives, write problem statements, assess risks, develop and prioritize use cases, estimate and plan iterations, accommodate and assess change, and develop story-based tests. Students also explore the characteristics and applicability of many current iterative and agile methodologies in use today.

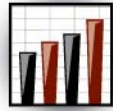
WHO SHOULD ATTEND

Individuals who perform business analysis in organizations are known by various titles including business analyst, systems analyst, business/systems analyst, functional analyst, project manager, and tester. Individuals who will benefit from this course include:

- Entry-level business analysts and their managers
- Self-taught business analysts requiring a course that fills in the gaps and puts all the pieces together
- Systems analysts and programmers interested in expanding their roles into the business area
- Project managers

COURSE OBJECTIVES

- Describe the nature of iterative life cycle models.
- Distinguish between project management life cycle and systems development life cycle.
- Assess a project environment and determine the degree of rigor to which business analysis techniques are applied.
- Describe the role of the business analyst on projects employing modern iterative methodologies.
- Perform tasks associated with the business analyst role in all phases of iterative projects.
- Describe how risk management processes are performed throughout the phases of iterative projects.
- Describe iterative and agile project management principles and techniques.
- Describe how the role of the business analyst in iterative projects aligns with the Knowledge Areas of the Business Analysis Body of Knowledge (BABOK).



- Compare and contrast the characteristics and applicability of current iterative and agile models including Unified Process, Microsoft Solutions Framework (MSF), eXtreme Programming (XP), Scrum, Crystal, and Dynamic Solutions Delivery Model (DSDM).

LESSON TOPICS

- Spectrum of process rigor
- Main themes of iterative models
- Iterative life cycle phases
- Inception phase: activities and techniques
- Kickoff meeting
- Vision statement
- Problem statement
- Stakeholder perspectives table
- Business use case analysis and prioritization
- Risk log
- Prototyping
- Elaboration phase: activities and techniques
- Iterative elaboration
- Iteration plan
- Use case model
- Domain model
- Sizing and estimating
- Release points
- Base lining requirements
- Construction phase: activities and techniques
- Change management
- Continuous risk assessment
- Test cases
- Transition phase: activities and techniques
- Lessons learned
- Spiral model
- Unified Process (UP)
- Microsoft Solutions Framework (MSF)
- Scrum
- Extreme Programming (XP)
- Crystal
- Dynamic Solutions Delivery Model (DSDM)