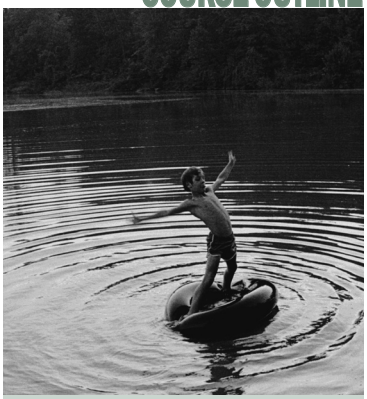
Sys·tem·a·tion®

COURSE OUTLINE



Advanced Business Analysis

For business analysts looking to improve the way they elicit, analyze, document and communicate requirements, there is no better training workshop. Using the proven case study model, participants explore two approaches to requirements modeling: the Unified Modeling Language (UML) and Information Engineering. Participants discover how modeling can help them make requirements decisions earlier in the system development life cycle, thus enhancing requirements quality and completeness. Data models, use cases, requirements traceability and prioritization are covered in depth. Designed to be prescriptive as well as descriptive, facilitators emphasize best practices through explanation and application. In short, participants discover what should be done, as well as how to do it and why.

FEATURES

- Our facilitators bring real-world experience to every workshop.
- Participants will be led, not lectured, through a combination of presentations and hands-on exercises.
- Our workshops provide an experiential environment where participants can take risks and make adjustments based on their results before approaching large projects.
- Our workshop is consistent with the International Institute of Business Analysis' *Guide to the Business Analysis Body of Knowledge (BABOK® Guide)*.

DISCOVER HOW TO

- Analyze and document both system functionality and data requirements
- Model requirements using Object Orientation, the Unified Modeling Language and Information Engineering concepts
- Create use cases and data models
- Ensure that the requirements are of a high quality
- Manage requirements throughout the system development lifecycle through traceability and prioritization

DURATION:
Traditional - 3 days.
Virtual - 24 hours.

CAPACITY: 20 people.

WHO SHOULD ATTEND: Business analysts, systems analysts, technical analysts, project managers, and subject matter experts who need to capture, document, and communicate requirements using models and use cases, rather than traditional "word" documentation.

PREREQUISITES: Successful completion of Systemation's practitioner certificate in business analysis program. Six months or more of practical business analysis experience. Familiarity with software systems analysis, design, and implementation.

PDUs: 21 Credits

CDUs: 24 Credits

COMPETENCIES

Manage scope and requirements
Manage requirements traceability
Maintain requirements for re-use
Prioritize requirements
Model requirements
Define assumptions and constraints
Verify requirements
Data modeling
Process modeling
Use cases

OUTLINE SUMMARY

The Building Blocks
- Modeling and requirements
- Requirements traceability

Business Modeling
- Object orientation and its benefits
- Business use cases
- Assumptions and constraints

Classes & Objects
- Elements of object orientation
- Class diagram
- Data dictionary
- Best practices of object orientation

Behavioral Modeling
- Activity diagram

Use Cases
- What and why of use cases
- Use case diagram
- Textual use cases

Data Modeling
- Conceptual data models
- Logical data models
- Normalization

Value Added Modeling
- Requirements prioritization
- Requirements re-use
- Which approach

Sys·tem·a'·tion℠

Get to the Heart of the Matter.℠

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