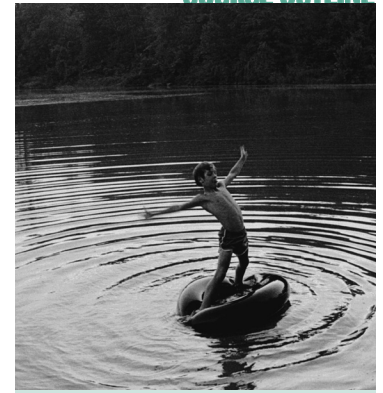**Sys·tem·a·tion**®

Business Analysis Simulation

The most important factor in successfully implementing new tools, techniques and skills is to apply them in real life situations. Business Analysis Simulation is a capstone workshop to complete the Advanced Certificate in Business Analysis Program. It is designed to offer a variety of hands on, practical and comprehensive opportunities to work in a project environment. As with all Systemation workshops, participants will be working in teams. The success of each team is dependent upon their ability to think critically, react accordingly to unexpected situations and apply the knowledge and skills they have gained through previous workshops and on the job experience. Participants will finish the workshop at a competent level knowing that they can apply their knowledge and be self directed to perform the work necessary for project success.

DURATION:
Traditional - 2 days.
Virtual - 16 hours.

CAPACITY: 20 people.

WHO SHOULD ATTEND: Those who are enrolled in the Advanced Business Analysis track and have completed the prior workshops in the curriculum.

PREREQUISITES: Practitioner Certificate in Business Analysis Program, Advanced Business Analysis and Bringing Business Solutions to Life workshops.

PDUs: 14 credits.

CDUs: 16 credits.

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

- Apply tools, techniques and skills for greater project success

- Respond appropriately to a variety of real life process issues

- Thoroughly analyze and design the appropriate solution to fit the business need and fulfill user requirements

- Document functional requirements and design elements using industry recognized models and text based tools

- Assure quality by testing the chosen solution

- Complete solution implementation and follow through more effectively

OUTLINE SUMMARY

Introduction
- Consider a variety of project scenarios
- Get an overview of the agenda, topics covered, and objectives
- Agree on workshop norms and logistics
- Survey the workshop materials

The Building Blocks
- Review the role of the business analyst and the system development life cycle
- Review and define criteria for ensuring successful project outcome
- Review the new project initiative for a case study company in preparation for analysis, design, testing and implementation activities

Analysis
- Discuss two different approaches to analysis
- Create a context diagram (IE and UML)
- Create a future state use case diagram and text
- Create an activity diagram to represent the flow of work
- Produce a traceability matrix

Design
- Identify data model elements (class, objects, entities)
- Create a data model (class diagram, entity relationship diagram)
- Produce a storyboard to represent the user interface
- Evaluate technical alternatives and recommend a solution

Testing
- Learn how a business analyst can support the test effort
- Learn how use cases can be an effective tool for creating test cases
- Produce test cases based on use cases
- Experience user acceptance testing

Implementation
- Consider the impact of the solution
- Review how to provide support in the final activities leading up to implementation
- Recognize ways to determine whether the organization is ready for the transition
- Discuss the go / no go decision and what information is needed to gain approval to deploy

Follow Through
- Discuss how to provide post-implementation support to stakeholders and the technical community

Sys·tem·a·tion®

Get to the Heart of the Matter.®