

Fundamentals of SDLC

3 Days

Course Overview

Managing a modern SDLC project requires a thorough understanding of the various roles that must come together in order to create a successful application. This understanding begins by recognizing the need to work within a multidisciplinary environment. Business Analysts, Project Managers and Software Testers each have multiple implementation options (such as Waterfall or Agile) available to them. Knowing which tool or technique to use in any particular situation is key to success. This Fundamentals of SDLC training course will give you the knowledge you need to help you choose between these methods, tools and artifacts so that you can quickly and efficiently take your SDLC project from concept to working implementation.

- Know how to identify, evaluate and document the many stakeholders of a project
- Be able to distinguish between the different types and levels of software testing
- Understand the reason for the various artifacts and the key features of each
- Write effective User Stories that can be used to identify requirements in an Agile project
- Learn how the differing life cycle models combine to create an SDLC implementation
- Be able to choose the proper project management methodology for your project based upon its own unique characteristics
- Understand the significance of different estimating methods and how they should be utilized for time and cost estimation
- Understand the significance of the Agile Manifesto and its relationship to the twelve (12) principles of Agile
- Use Earned Value Project Management to assess budget and schedule compliance
- Be able to use the Triple Constraints Triangle as a tool to help others understand the relationship of time, cost, and scope in any project