

## SDLC Fundamentals for Project Managers

**Course Code:** 1578

**Course Duration:** 1 day

Making sure software development occurs in a timely and efficient manner can be difficult to manage. *SDLC Fundamentals for Project Managers* will help you navigate the process with instruction on Life Cycles and Project Cycles, also known as Development Cycles. This fundamentals course will provide you with a down to earth look at System/Software Development Lifecycles; the relationship of the SDLC to the vision and mission of the organization; the fundamental differences between program, product, and project lifecycles; the difference between SDLC strategies and methodologies; tailoring principles; as well as a brief overview of how to select the appropriate approach.

**Course Description:** This one-day course provides a high-level overview of the SDLC phases and processes. The course explains the role of the project manager in the SDLC activities.

### Topics List:

- Life Cycle Types
- Program, Product, and Project Cycles
- Anatomy of the Life Cycle
- Roles and Responsibilities
- Methodologies and Strategies

### Outline

1. Life Cycles – Definitions and Types
  - a. Differences between programs and projects
  - b. Nesting of lifecycles
2. Benefits of a Defined Life Cycle
  - a. Importance of having a standard SDLC for your organization
  - b. Five reasons for wanting to use standards
3. Life Cycle Anatomy 101
  - a. Generic parts (the anatomy) of a lifecycle
  - b. How the different parts of a lifecycle chart can be a useful tool for managing your project for both yourself and your management
4. Generic Life Cycle Models
  - a. Implementation strategies
  - b. Development strategies
5. Choosing the Best Fit
6. Tailoring
  - a. Importance of tailoring your SDLC
  - b. How to tailor in manner to justify your decisions to higher management
  - c. Creating a tailored SDLC for use with your team and in planning your project
7. Key Issues

**Who Should Attend:** Project managers, subject matter experts, technical and non-technical project team members.