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.