London TDM

Information Technology and Digital Transformation Training Courses

Course Venue: Malaysia - Kuala Lumpur

Course Date: From 19 April 2026 To 23 April 2026

Course Place: Royale Chullan Hotel

Course Fees: 6,000 USD

Introduction

The "Software Development Life Cycle (SDLC)" course is designed to provide participants with a deep understanding of the methodologies, processes, and tools used in the development of software systems. This five-day course will cover each phase of the SDLC in detail, ensuring participants gain practical knowledge and skills to efficiently manage and execute software projects.

Objectives

- Understand the fundamental concepts of SDLC.
- Learn the various phases of the software development lifecycle.
- Identify and apply best practices in software development methodologies.
- Gain skills to manage and evaluate software projects effectively.
- Understand the roles and responsibilities of stakeholders in each phase of the SDLC.

Course Outlines

Day 1: Introduction to SDLC and Planning

- Overview of SDLC and its importance
- Different models of SDLC (Waterfall, Agile, etc.)
- The planning phase: objectives and deliverables
- Stakeholder identification and requirement gathering
- Budgeting and resource allocation

Day 2: Requirements Analysis

- Detailed analysis of requirements
- Techniques for effective requirement gathering
- Tools for documenting requirements
- Establishing a requirements baseline
- Managing changing requirements

Day 3: System Design

- Introduction to architectural design
- Detailed and high-level design techniques
- Design documentation and standards
- Tools and technologies for system design
- Design reviews and validation

Day 4: Implementation and Testing

- Code development practices and methodologies
- Overview of testing techniques and types
- Test planning and execution
- Continuous integration and deployment
- Bug tracking and resolution

Day 5: Deployment, Maintenance, and Evaluation

- Strategies for successful deployment
- Post-deployment evaluation and feedback
- Monitoring and maintenance activities
- Managing updates and version control
- Continuous improvement in the SDLC process