

# System Development Life Cycles (SDLC) in the 21st Century

Instructor-Led, On-Site Duration 45-60 min

## Overview

Since mankind invented systems, we have had system development life cycles, in short, a method to our madness. Without methods, every project is an experiment without a roadmap and with an indeterminate outcome. Methodologies give direction to our endeavors. Methodologies alone do not make projects successful. People do. People apply a methodology to make their success repeatable, but the success depends ultimately more on the people than on the process. There are currently several competing methodologies for developing information systems and each claims to be the best. Reality shows us that they may all be right – if the basic assumptions underlying their application are given.

## Target Audience

Business Managers  
Information Technology Professionals  
Project Leaders and Managers  
Anyone who influences how an IT solution will be delivered

## Learning Objectives

*Upon completion of this seminar, you will . . .*

- List the 4 major system development life cycles currently in use
- Describe the advantages and disadvantages of each approach
- Apply criteria-based evaluation to recommend the most promising methodology for a given project and organization

## Outline

### 1 System Development Life Cycles (SDLC)

#### Life Cycles

Of Parallel Universes  
Chaotic Business Analysis  
Characteristics of Chaotic Analysis  
Project Evaluation Criteria for Chaotic Methods  
Structured Business Analysis  
Characteristics of Structured Analysis  
Project Evaluation Criteria for Structured Methods

Object-Oriented Business Analysis  
Characteristics of Object-Oriented Analysis  
Project Evaluation Criteria for Object-Oriented Analysis  
Agile Business Analysis  
Characteristics of Agile Software Development  
Project Evaluation Criteria for Agile Methods  
Which Methods Work For You?

*Developed and presented by:*



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