

# OVERVIEW OF SOFTWARE DEVELOPMENT LIFECYCLES

LC00.05A

Projects are the way that most new work gets delivered. Projects can include building a house, executing a marketing campaign, upgrading desktop operating systems, developing an IT business application, etc. There are two processes associated with completing a project – project management and the project lifecycle. This class explores and explains the basics of the software development lifecycles - looking specifically at classic waterfall, iterative, Rational Unified Process (RUP) and Agile models.

## PREREQUISITES

- None

## LEARNING OBJECTIVES

By the end of this class, attendees should be able to:

- Understand projects, project management and project lifecycles
- Understand the basics of waterfall, iterative (RUP) and Agile software development lifecycles.

## WHO SHOULD ATTEND

- Development project managers and team members
- Development managers
- Clients and other stakeholders that would like to understand lifecycle methodologies

## COURSE OUTLINE

- Basics of projects, project management and project lifecycle
- Classic waterfall development
- Iterative development (RUP)
- Agile development

## CLASS LENGTH

One day (8 PDUs)