Agile Software Development - Introduction
An Orasi Training Course

Course Overview
Agile software development is a fast moving river and this class intends to prepare you to wade into the river with confidence! This class is an overview of Agile as it relates to software development.

Our goal is to help you ask and answer many of your initial questions about Agile, such as:
• How and why did Agile become the next shift in the software development industry?
• How is Agile different from what I do now?
• How does my role and the things expected of me change as I become part of an Agile software group?

Our team will help you explore the foundations of Agile, the philosophy and science behind it, as well as how it is being implemented. We will cover two leading methodologies, Scrum and Kanban, and then guide you through a look at industry-leading practices and tools.

Key Areas of Enrichment
The agenda for this course will be customized from the topics listed below, with a focus only on the areas needed for your organization. If all areas are needed, then the course will run seven days in total.

Duration: 1 day
Class Limit: 15 students
Prerequisite: None

Materials Provided
• Student training manual containing the course slides
• Student class exercises

Target Audience
• Anyone who is new to the Agile SDLC
• Anyone on a team in the midst of a transition from traditional development practices to Agile

Objectives
This class teaches:
• How Agile methodologies work in today’s SDLC
• The 4 core values of Agile
• The 12 principals of Agile
• Understanding Scrum and Kanban

Agenda
Introductions
How we adopted the Agile Mindset
• Brief intro of our roles in software development
• How Agile has impacted us

History of SDLC and Waterfall
• SDLC project timelines

Agile Overview
• Origins of Agile
• Snowbird 2001
• Agile is a mindset
• Not a process or methodology
• 4 core values of Agile
• Agile Manifesto
• Systems thinking

Agile Frameworks
• Scrum overview
• Kanban overview

Real Life Adventures
• Agile transformation
• Large scale Scrum of Scrums in action
• Scrum vs. Kanban in action

For more information or to schedule this course, email training@orasi.com or call 678-819-5300.