

# Agile Engineering Concepts

## Modern engineering practices in Agile teams

The rapid nature of Agile development requires a different approach to building and testing software. This course teaches the modern engineering practices used by Agile teams.

**Audience:** both technical and non-technical participants who are in or working with Agile teams

**Length:** 1 day

Customizations available upon request.

### Topics

- Changes to team process flow to meet the demand of short iterations
- How frequency of feedback improves a product and reduces risk
- Conway's Law and how organizational structure impacts architecture
- Feature based team structure
- Paired Programming
- Automated testing
  - Selenium
  - Cucumber
- Refactoring
- Continuous Integration

The course is interactive using hands-on exercises, analogies, and games to make learning easy, fun, and long lasting.