# Agile Software Development

Duration: 2 days

Course content:

* Introduction to Agile Software Development
  + Iterative development
  + Overview of Scrum lifecycle
* Engineering Practices
  + Overview of Extreme Programming
  + Test-Driven development
  + Continuous integration
  + Refactoring (Good coding practices with examples in Java)
* Sprint Zero
  + Requirement’s workshop, understanding the product backlog
  + Agile architecture
  + Introduction to Planning Poker for estimation
  + Defining "done"
* Sprint Planning Meeting
  + Estimating capacity
  + Breaking down stories into tasks
  + Estimating tasks
  + Sprint Backlog
* Within a Sprint
  + Working on tasks
  + Daily Sprint Meeting
  + Sprint Review
  + Sprint Retrospective