

DevOps CI/CD tool pipeline course (2 days)



3 h / day



5-10 persons



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You will learn to use the continuous integration / continuous delivery tools in DevOps – type environments where Jenkins and other tools can compile code and run test automation automatically with version control utilizing docker containers.

- **Target group**

- For all those who are interested in automation of continuous integration / continuous delivery. The course is intended for DevOps automation developers, testers, software designers and developers.

- **Prerequisites**

- Basic knowledge of software development and understanding the principles of programming are recommended as they make it easier to take in the contents of the course. This course is workshop-weighted and so the student's must have their own laptops in use.

Contents:

- **Main topics:**
 - CI/CD and DevOps pipelines
 - Linux terminal
 - Git version control
 - Jenkins automation server
 - Using Docker containers on pipelines
- **Exercises and examples include:**
 - Using Ansible in pipelines
 - Deploying to Kubernetes from a pipeline
 - Connecting Jenkins to SonarQube
 - Executing Robot Framework tests on a pipeline
 - Examples of common tasks executed on CI/CD and DevOps pipelines