

IDENTIFICATION

Course code : DEV504
ECTS : 2

DURATION

Lectures : 0
Tutorial classes : 10
Labs : 10
Total : 20

Project :
Personnal work :

ASSESSMENT

Continuous assessments and practical evaluations.

TEACHING MATERIALS

Slides and guided practical work sheets.

LANGUAGE

English

CONTACT

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UE : UE5-DEV

COURSE : Tools for Engineers : Version Control, Deployment and Documentation

SCOPE OF THE COURSE

OBJECTIVES

This course aims to introduce students to essential tools used in the software development lifecycle : version control, deployment, and documentation. It seeks to provide the practical and theoretical skills necessary to collaborate effectively in a team, manage project versions, automate deployments, and produce clear, maintainable technical documentation.

COMPETENCE AND SKILLS

- Produce technical documentation
- Organize projects according to project management methodologies
- Write technical documentation and design presentation materials in French and English
- Manually deploy and administer services
- Produce and manage documentation for an IT infrastructure

PROGRAM

- Introduction to version control with Git
- Workflow automation
- Technical documentation and associated tools
- Integrated practice : end-to-end project management

BIBLIOGRAPHY

- Scott Chacon and Ben Straub, Pro Git Book, Apress (2014)

REQUIREMENTS

No prerequisites.