

IDENTIFICATION

Course code : ESI-SPI-CI-IN4-S8-UE3-EC1
ECTS : 1

DURATION

Lectures : 4
Tutorial classes : 8
Labs : 6
Total : 18

Project :
Personnal work :

ASSESSMENT

At least two continuous assessments.

TEACHING MATERIALS

Slides and practical work sheets.

LANGUAGE

English

CONTACT

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UE : UE8-DEV

COURSE : Quality Management and Eco-Design of Software

SCOPE OF THE COURSE

OBJECTIVES

This module aims to provide students with knowledge, understanding, and the ability to use Software Engineering (SE) methodological elements complementary to those presented in the 3rd and 4th years. This course also aims to demonstrate that many current SE techniques are extended and synthesized by knowledge representation techniques (often in a more formal way, thus more automatable). This enables students to compare different SE techniques (short-, medium-, or long-term) and choose among them based on various criteria.

COMPETENCE AND SKILLS

PROGRAM

BIBLIOGRAPHY

Laure Cailloce, *Digital : The Great Energy Waste*
Olivier Le Goaer, Adel Noureddine, Franck Barbier, Romain Rouvoy, Florence Maraninchi. *Towards Eco-Responsible Software : Software Engineering Facing the Challenge of Ecological Sobriety*. 2021.

REQUIREMENTS

Software Modeling and Design