

## IDENTIFICATION

Course code : DEV603  
ECTS : 1

## DURATION

Lectures : 4  
Tutorial classes : 0  
Labs : 0  
Total : 4

Project :  
Personnal work :

## ASSESSMENT

Skills will be assessed based on the elements provided in the deliverable, which will be specified in advance to the engineering students.

## TEACHING MATERIALS

All documents used during teaching sessions or resources mobilized. If necessary, new documentary references will be provided.

## LANGUAGE

English

## CONTACT

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## UE6-DEV

## SAE Dev

## SCOPE OF THE CHALLENGE

### WORKING SITUATION

Develop an application for a platform or environment based on provided design elements

### COMPETENCES AND LEVEL ASSESSED

Design and develop software

### EXPECTED OUTPUTS

Task 1 : Functional specification + Domain analysis documents Task 2 : Design documents and diagrams Task 3 : Code Task 4 : Application, demonstration, and documentation In addition to the technical aspects specified in the expected level description, the SAE will be assessed based on the following criteria :

- Efficient organization and mobilization of available human and material resources
- Conducting ongoing scientific and technological monitoring
- Justification of technology, tool, and solution choices
- Appropriate response to the specification in interaction with users and commissioning parties

### RESOURCES

- Software development instructor