

IDENTIFICATION

Course code : SR503
ECTS : 2

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, additional documentary references will be provided.

LANGUAGE

English

CONTACT

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UE5-SYSRES

SAE Systems and Networks

SCOPE OF THE CHALLENGE

WORKING SITUATION

Designing and administering an enterprise network, deploying servers and services.

COMPETENCES AND LEVEL ASSESSED

Designing the architecture of an information system

EXPECTED OUTPUTS

The deliverables will be included in a GIT repository that has been used throughout the SAE. It must include evidence of task structuring and distribution (e.g., issues, commits, branches, etc.). Task 1 will result in a report detailing the chosen architecture and justifying its relevance with respect to the constraints outlined in the specifications. It will be based on scientific articles or expert feedback published by editors or domain specialists. All elements required for Task 2 must be included in the GIT repository. Documentation enabling the deployment to be reproduced must also be present. The procedure for evaluating the robustness and load tolerance of the solution must also be included in the repository.

RESOURCES

- Network lecturers
- System administration lecturer
- Database lecturer
- Engineering tools lecturer