IP.3510 – Learning Track Project

Module title : Learning Track Project
Module code : IP.3510
Person in charge : Nicole DOUMIT
ECTS : 5
Workload : 100 to 150h including 20 to 30h face-to-face
Teamwork : Yes
Keywords : Project Management

Presentation

Learning track project project is a piece of research, development or application of knowledge acquired during the years of the engineering cycle. This project enables students to demonstrate their ability to apply the technical, scientific and professional skills acquired during their training. It may also involve the use of new technologies, the application of research methodologies, or other skills specific to the field of study.

Each proposed project addresses a specific area of digital engineering according to the students' interests and skills. The project has defined and measurable objectives. It may be a research project, product design, feasibility study, process optimization, application or software development, and so on. Many projects lead to the development of a POC (proof of concept), or demonstrator.

Students work in teams of 2 to 5 and are supervised by a teacher or a professional in the relevant field. This supervision is designed to guide the students throughout the project process. Although supervision is present, the end-of-course project generally requires a high degree of autonomy. Students are expected to make informed decisions, solve problems and complete their project relatively independently.

At the end of the project, each student team is generally required to write a detailed report describing its work, results and conclusions. They must also present their project to a panel of judges, made up of teachers and sometimes professionals in the field..

Academic Objectives

Prerequisites
- Strictly depending on a project

Academic methods

Learning methods
- Teams of 2 to 5 students
- Regular meetings with the project tutor (Isep or company), typically every 2 weeks
- Possibility of meeting the tutor at the company proposing the project

Assessment methods
- Ongoing assessment, based on seriousness of behavior and work carried out
- Final assessment with report, presentation, demonstration

Working language
- French or English