

Projects

Projects management

AIMS

Managing a project is a standard activity in engineering. However, the majority of projects do not reach completion either in terms of objectives, timeframes or estimated costs. This subject covers the issues related to the project concept; And carries a specific focus on recent agile tools for their driving.

This EC is part of the teaching unit Research and Engineering Project (TC-3-S2-PRI) and contributes to the following skills:

C9 Conduct projects in the digital domain
Capacity: Manage an agile project in iterative mode
Capacity: Manage a project in flow of functions
Capacity: Estimate the tasks of a project
Capacity: Accompany a client to a project
Knowledge: Agile Scrum Cycle
Knowledge: Kanban Agile Flow
Knowledge: Project management, agile development

B3 Interact with others, work in a team
Capacity: Take the lead of a project
Capacity: Interact with a team, a client
Knowledge: Artists and Specifiers
Knowledge: Marshmallow Challenge

In addition, it requires the following skills:

B6 Situate, work, evolve in a company, a socio-productive organization

CONTENT

TP 1 : Project definition
TP 2 : Scrum
TP 3 : Lean

BIBLIOGRAPHY

SCRUM : Le guide pratique de la méthode agile la plus populaire Claude Aubry
User Stories Applied: For Agile Software Development Mike Cohn, Kent Beck
Implementing Lean Software Development: From Concept to Cash Mary Poppendieck, Tom Poppendieck
Extreme Programming Explained: Embrace Change Kent Beck
Lean Startup, Eric Ries, https://www.amazon.fr/Lean-Startup-Adoptez-linnovation-continue/dp/2744066400/ref=sr_1_1?ie=UTF8&qid=1495534243&sr=8-1&keywords=lean+startup

IDENTIFICATION

CODE : TC-3-S2-EC-PALE
ECTS : 1.0

HOURS

Lectures : 0.0 h
Seminars : 0.0 h
Laboratory : 8.0 h
Project : 0.0 h
Teacher-student
contact : 8.0 h
Personal work : 0.0 h
Total : 8.0 h

ASSESSMENT METHOD

TEACHING AIDS

TEACHING LANGUAGE

French

CONTACT

M. FRENOT Stephane
stephane.frenot@insa-lyon.fr