
ENGINEERING PROGRAMME

2022-2023

Year 3

Professional Option Manager, Leader, Communicator

OP MLC

PROGRAMME SUPERVISOR

Catherine MICHEL



ENGINEERING - OP MLC

Autumn Semester

Course unit	ECTS Credits	Track	Course code	Title
UE 92	4	Core course	HUMANS9 PRMLC1	Manager, Leader and Communicator 1 Project 1

Spring Semester

Course unit	ECTS Credits	Track	Course code	Title
UE 102	1	Core course	HUMANS10 PRMLC2	Manager, Leader and Communicator 2 Project 2

ENGINEERING - OP MLC

Year 3 - Autumn Semester - Course Unit 92

Manager, Leader and Communicator 1 [HUMANS9]

LEAD PROFESSOR(S): Catherine MICHEL

Objectives

This option does not aim to train project management specialists, but it will provide you with the methodological and behavioural framework to enable you to build your leadership skills and progress towards a management position:

- Understand management concepts and current issues
- Understand how organizations work and how they evolve
- Understand the foundations of individual and group behaviour
- Learn to communicate effectively both orally and in writing

Course contents

- Management benchmarks and tools, business strategy, collective intelligence, Design Thinking,
- Risk management
- Communication
- Interculturality in management
- Group behaviour and group work
- Decision - decisional biases
- Power, authority and leadership
- Business Law

Course material

Assessment

Individual assessment: EVI 1 (coefficient 1)

LANGUAGE OF INSTRUCTION	ECTS CREDITS	LECTURES	TUTORIALS	LAB	PROJECT	EXAM
French	2	46 hrs	16 hrs	0 hrs	0 hrs	2 hrs

ENGINEERING - OP MLC

Year 3 - Autumn Semester - Course Unit 92

Project 1 [PRMLC1]

LEAD PROFESSOR(S): Catherine MICHEL

Objectives

Deepening of management tools
Communicate within a project team
Promote and present a work

Course contents

Students work in groups on a project and must organize themselves in project mode, use the appropriate tools to finalize the project while respecting the quality and deadlines.

Course material

Assessment

Collective assessment: EVC 1 (coefficient 1)

LANGUAGE OF INSTRUCTION	ECTS CREDITS	LECTURES	TUTORIALS	LAB	PROJECT	EXAM
French	2	0 hrs	0 hrs	0 hrs	20 hrs	0 hrs

ENGINEERING - OP MLC

Year 3 - Spring Semester - Course Unit 102

Manager, Leader and Communicator 2 [HUMANS10]

LEAD PROFESSOR(S): Catherine MICHEL

Objectives

This option does not aim to train project management specialists, but it will provide you with the methodological and behavioural framework to enable you to build your leadership skills and progress towards a management position:

- Understand management concepts and current issues
- Understand how organizations work and how they evolve
- Understand the foundations of individual and group behaviour
- Learn to communicate effectively both orally and in writing

Course contents

- Management benchmarks and tools, business strategy, collective intelligence, Design Thinking,
- Risk management
- Communication
- Interculturality in management
- Group behaviour and group work
- Decision - decisional biases
- Power, authority and leadership
- Business Law

Course material

Assessment

Individual assessment: EVI 1 (coefficient 1)

LANGUAGE OF INSTRUCTION	ECTS CREDITS	LECTURES	TUTORIALS	LAB	PROJECT	EXAM
French	0.5	24 hrs	6 hrs	0 hrs	0 hrs	2 hrs

ENGINEERING - OP MLC

Year 3 - Spring Semester - Course Unit 102

Project 2 [PRMLC2]

LEAD PROFESSOR(S): Catherine MICHEL

Objectives

Deepening of management tools
Communicate within a project team
Promote and present a work

Course contents

Students work in groups on a project and must organize themselves in project mode, use the appropriate tools to finalize the project while respecting the quality and deadlines.

Course material

Assessment

Collective assessment: EVC 1 (coefficient 1)

LANGUAGE OF INSTRUCTION	ECTS CREDITS	LECTURES	TUTORIALS	LAB	PROJECT	EXAM
French	0.5	0 hrs	0 hrs	0 hrs	20 hrs	0 hrs