

Lecturers	Prof. Yves Bellouard (YB) / Prof Vivek Subramanian (VS)	
TAs	<i>Antoine Duret, Martin Lentz, Camar Cheyto</i>	Lecture given in French
Etudiants assistants	<i>Samm de Bruyn, Alexandre Van Nam Dao</i>	Lecture given in English

Room		PO 01		13h15 - 15h00		15h15 - 17h00	
#	Date	Lecture content	Lecturer	Suggested exercises	Revese engineering project		
1	19-Feb	Introduction	YB	Exercise I	Learning objectives		
2	26-Feb	Surfaces	YB	Exercises II-IV			
3	05-Mar	Laser manufacturing	YB	Quiz I	Session 1		
4	12-Mar	Metal forming	YB	Exercises V-IX			
5	19-Mar	Casting and molding	YB	Quiz II	Session 2		
6	26-Mar	Conventional machining	YB	Excercises X-XIII			
7	02-Apr	Unconventional machining process	YB	Quiz III	Session 3		
8	09-Apr	Polymers and related processing methods	YB	Exercises XIV-XV			
9	16-Apr	Manufacturing economics and process monitoring	YB	Quiz IV	Session 4		
	23-Apr	Pâques					
10	30-Apr	Assembly processes	YB	Exercises XVI-XXI			
11	07-May	Electronics integration	VS	Quiz V	Session 5		
12	14-May	Multiscale integration / packaging	VS	Exercises XXII-XXIV			
13	21-May	Introduction to additive manufacturing	YB	Quiz VI	Session 6		
14	29-May	Sustainability and life cycle analysis	YB		Session 7		
15	05-Jun	Deadline for submitting the report					

Updated 18/02/2025

Course evaluation	Ratio of the final mark
Quiz	10%
Exam	40%
Project / report	40%
Project / video	10%

Graded 4 out 6