

Materials processing

Course code: AMP3

ECTS Credits: 2

Department	: MSISI	Lectures	: 24h00
Lecturers	: G. Hénaff, C. Dumont (Aubert&Duval) (guest speaker)	Tutorials	:
Year of study	: 2 nd year	Laboratory sessions	:
Semester	: 3 rd semester	Project	:
Assessment method(s)	: 1 written test	Home works	:
Language of instruction	: English	Total hours	: 24h00
Type of courses	: Compulsory		

Objective: Overview of the main deformation processing routes and of the different issues that have to be addressed to manufacture industrial components

Prerequisites: Materials Science & Engineering

Content:

- Microstructural transformations
- Process modelling
- Main processes (Drawing, Rolling, Forging, Punching...)

Recommended reading:

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