

SPIM-GM-909 Innovative processes and Computer Aided Design or manufacturing

Master Degree : Mechanical Engineering and Materials sciences

Reference number : SPIM-GM-909

Title of the subject : **Innovative processes and CAD**

University component : **UFR MIM**

Coordinating lecturer : **JM Philippe** : jean-marc.philippe@univ-lorraine.fr

Semester : **Autumn**

Total hours of classes : **30h** ECTS credits : **2**

Teaching language : French

Course proposed in English for exchange students : No

Course composition	Coef.	Number of hours		
		lectures	Tutorials	Practical works
Innovative processes and CAD		12		18

During their professional activity, students may have to operate CAD-CAM software and new processes, and to optimize their use

Prerequisites : Manufacturing process, bases of CAD

Skills to acquire

Being capable of parametrizing and of automating the use of a CAD-CAM software, and of implementing new innovative processes

Knowledge associates with skills

Optimize the use of CAD-CAM

Implement innovative manufacturing processes

Course syllabus

Configuration of the CAD-CAM software and automation of their use

Implement of innovative processes

Evaluation :

Continuous assessments.