


 Faculty of Applied Sciences

ELEC2811 Instrumentation and sensors

[30h+30h exercises] 5 credits

This course is taught in the 1st semester

Teacher(s): Francis Labrique, Ernest Matagne
Language: French
Level: Second cycle

Aims

The acquisitions and the processing of data related to physical quantities of various nature converted in an electrical signal is a domain of electrical engineering of great actuality. The training of students in engineering to the analysis and design of this type of systems requires a multidisciplinary approach and is at best finalised through case studies.

Main themes

Identical to the contents of the course

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)
Teaching method

Combination of lectures and practical training in the laboratory

A complete syllabus is available

Assessment

Reports (per group) on the laboratory works. An individual evaluation during the exam session

Other credits in programs

ELME22/M	Deuxième année du programme conduisant au grade d'ingénieur civil électro-mécanicien (mécatronique)	(5 credits)	Mandatory
ELME23/M	Troisième année du programme conduisant au grade d'ingénieur civil électro-mécanicien (mécatronique)	(5 credits)	