

Smart devices

Skills	B	Evaluation method
<u>Introduction to Sensors</u>		
Understand basic notions of sensors, data acquisition: physics, electronics and metrology point of view	1	Exercise of application by project group to be inserted in the portfolio
Be able to manufacture a nano-particles sensor using micro-electronics tools: chemical synthesis, assembly,	1	Cleanroom training
Be able to design the datasheet of the sensor manufactured	1	Datasheet inserted in portfolio

1-level of application: follow-up of instructions or procedures

2-level analysis: improvement or optimization of solutions or proposals

3-level of control: design of programs or definitions of specifications

4-level of expertise: definition of guidelines or strategies