

UE Experimental techniques and methods 2



Level
Baccalaureate
+4



ECTS
3 credits



Component
UFR PhITEM
(physique,
ingénierie, terre,
environnement,
mécanique)

- > **Teaching language(s):** English
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** PAX8MEAB

Presentation

Description

The aim of this second part is to learn the principles of measurements in fluid mechanics, and carry out the analysis of results: Flow Measurements Techniques – Integral flow properties (rotameter...) and local flow properties (Hot Wire Anemometer, Laser Doppler Anemometer, Particle Image Velocimetry, Ultrasonic Technique, Magnetic Technique...). All these techniques and methods are illustrated through experimental set ups available in research labs.

Course parts

UE Experimental techniques and methods 2 - CMTD

Lectures (CM) & Teaching Unit (UE)

24h

Period : Semester 8

Useful info



Place

› Grenoble

Campus

› Grenoble - University campus