

Instrumentation advanced 2



ECTS
4 crédits



Hourly volume
58h

Introducing

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

Real Time : Real time concept, scheduling, rules to develop a real time application, determinism and jitter concepts

Can Bus : General CAN concept, from concept to protocol

Network : Interest of local network for tests and measurements applications.

The student will be able to:

Real Time : Develop a real time application running on National Instruments Compact RIO

Can Bus : Manage communication between two CAN nodes

Network : Manage network technologies to realise a simple project

Practical info

Location(s)

 Toulouse

Necessary prerequisites

General computing

LabVIEW programming

Labwindows/CVI programming