UCLouvain

lelec2103

2020

Project in Electricity 3 : Electronic systems

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	75.0 h	Q1 and Q2

Teacher(s)	Legat Jean-Didier ;Louveaux Jérôme ;Vandendorpe Luc ;
Language :	English
Place of the course	Louvain-la-Neuve
Aims	*The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** The evaluation is based on a continuous evaluation including presentation, demonstration and reports about the various assignments
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** The project contains • An introductory session • Some work sessions on Labview and in the laboratory • Some Q&A sessions about the theoretical concepts used in the assignments
Content	• Simulation of a digital transmission chain • Synchronization • Equalization • Multicarrier modulation
Bibliography	• Documentation LABVIEW • Notes en anglais reprenant les défis à relever et les explications théoriques associées, sur Moodle
Faculty or entity in charge	ELEC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Electrical Engineering	ELEC2M	5		
Master [120] in Electro-mechanical Engineering	ELME2M	5		