UCLouvain

lelec1530

2020

Basic analog and digital electronic circuits

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	30.0 h + 30.0 h	Q1

Teacher(s)	Flandre Denis ;Legat Jean-Didier (coordinator) ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
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.** An oral or written exam (depending on the session) will be organized, in addition to a possible ongoing evaluation. Details are defined on the course website.
Inline resources	http://moodleucl.uclouvain.be/course/view.php?id=76
Bibliography	- Notes de cours sur le site Moodle - Microelectronic Circuits by Sedra/Smith - Oxford University Press - CMOS Circuit Design, Layout, and Simulation, Third Edition - R. Jacob Baker - Wiley-IEEE Press
Faculty or entity in charge	ELEC

Force majeure

Evaluation methods	

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Specialization track in Electricity	FILELEC	5		
Minor in Electricity	LMINOELEC	5		
Minor in Engineering Sciences: Electricity (only available for reenrolment)	MINELEC	5		
Master [120] in Mechanical Engineering	MECA2M	5		