UCL LSINF1252 Computer Systems 1 2015-2016 5.0 credits 30.0 h + 30.0 h 2q

Teacher(s) :	Bonaventure Olivier ;					
Language :	Français					
Place of the course	Louvain-la-Neuve					
Inline resources:	> https://moodleucl.uclouvain.be/course/view.php?id=9197					
Prerequisites :	Within SINF1BA : LSINF1101 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.					
Main themes :	 Levels of abstraction in computer systems Processor architectures Machine language, assembly language and C language Roles and functions of operating systems Using functions of an operating system in applications Processes and Threads: Concepts, Problems and Solutions Multiprocessor systems					
Aims :	Given the learning outcomes of the "Bachelor in Engineering" program, this course contributes to the development, acquisition and evaluation of the following learning outcomes: 					
Evaluation methods :	 Written exam (60%) Projects (20%) group of 2 students. Reviews of other individual student projects (20%) Individual reviews can not be represented in the second session. The mark of project can be replaced by an individual project in the second session.					

Teaching methods :	Magistral courses and sessions proved by appointed guardian Projects by group
Content :	see "Main themes"
Bibliography :	Reference book : Systèmes informatiques, Olivier Bonaventure, lecture notes, http://sites.uclouvain.be/SystInfo/
Other infos :	http://sites.uclouvain.be/SystInfo/ Background: Good basic knowledge of programming and algorithmics, and practical experience in programming with a high-level programming language are required to start this course.
Faculty or entity in charge:	INFO

Programmes / formations proposant cette unité d'enseignement (UE)							
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage			
Master [120] in Linguistics	LING2M	5	LSINF1103	٩			
Minor in Computer Sciences	LINFO100I	5	LSINF1101	٩			
Minor in Engineering Sciences: Computer Sciences	LSINF100I	5	-	٩			
Bachelor in Computer Science	SINF1BA	5	LSINF1101	٩			