UCL Université catholique de Louvain

LCOMU1312

2015-2016

Multimedia Technologies

5.0 credits	30.0 h	1q

Teacher(s) :	De Smedt Thierry ; Macq Benoît ;
Language :	Français
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.*
Main themes :	The course aims to teach students: - the functioning principles behind the principal social communication technologies. - the key mechanisms of storage and transmission. - how to convert, code and compress analogue and digital audio-scripto-visual signals. - network architecture. - security and authentification mechanisms - the suitability of communication technologies to society. - the effects of the emergence of new technologies on communication practices and their anthropological context.
Aims :	This course aims to provide students with an understanding of the mechanisms and issues involved in the interaction between technological development and ways of social communication (semio-pragmatic mechanisms, languages, interactional modes, cultural references etc) By the end of the course, the head of the group of Communication Studies students should be able to interact with the engineers who design the equipment and the technicians who install them and make them work. The head of the group of Engineering students should be able to interact with the practitioners of audio-scripto-visual communication who create the media message. *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".*
Content :	Depending on the specifications pre-established, the teacher summarizes the content and specify the methods used. The course combines two areas of knowledge: - Engineering, networks, scanning and coding processes, data compression, confidentiality, certification and security. - In science of communication: modeling analysis of technical innovation and its appropriation social. Methods: Lectures, demonstration and analysis instruments. To seek knowledge acquired by students in their experience of the use of technology. Realisation, by the students, a socio-technical survey, involving a technical description, a description of the social uses, on an emerging technology or established media .
Other infos :	Prerequisite: There is no prerequisite. This is a general introductory course Evaluation: Students are evaluated on their knowledge of what has been presented during the course and on a case study. Course materials: Course notes, bibliographical references, web site.
Faculty or entity in charge:	ESPO

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Information and Communication	COMU1BA	5	LCOMU1125 **and** LCOMU1127	🔍
Minor in Culture and Creation	LCUCR100I	5	-	🔍