LBARC1262

2015-2016

Construction and materials II

4.0 credits	60.0 h	2q

Teacher(s) :	Roger France Jean-Francois ; Proces Michel ;
Language :	Français
Place of the course	Charleroi
Inline resources:	Lecture presentation Calendar (with the dates of teachers interventions) Power point documents Sample of questions
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 :	The evaluation is realized with a written examination (which combines multiples choices questions and open questions with construction details to be sketched) and an individual work related to a material or construction element to be done in an explained and critical document.
Teaching methods :	The lectures are based on notes with illustrations (sketches, technical details,..) on powerpoints presentations, and also material samples and construction elements contained in the material library.
Content :	Materials -- Insulation materials -- Metallic materials -- Oil and Tar products -- Glass products -- Plastics and composites materials Elements and construction systems ' structures -- The floors -- The structural wood and metal framing -- The vertical circulation -- The covers of pitched roofs -- Banking and funding (II) -- The private sanitation -- The dividing properties elements
Bibliography :	The following books can be useful : -- Le Petit DICOBAT : Dictionnaire général du bâtiment, Jean de VIGAN, Edition ARCATURE, Paris -- Vocabulaire illustré de la construction, Michel PAULIN, Collection Guides Techniques, Ed. Le Moniteur, Paris exista los in UK-F version) -- Building Construction Illustrated, Francis D. K. CHING (with Cassandra ADAMS), Van Nostrand Reinhold, New York (Existe also in French)
Faculty or entity in charge:	LOCI

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

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in architecture (Bruxelles)	ARCB1BA	4	LBARC1164 **and** LBARC1165	