

2.0 credits	15.0 h + 15.0 h	2q
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Teacher(s) :	Delcommune Thierry ; Malevez Jerome ;
Language :	Français
Place of the course	Bruxelles
Aims :	<i>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".</i>
Evaluation methods :	Students will sit a written examination on the material pertaining to Monge II in the May-June session, at the end of the quadrimester. The evaluation of the material on perspective will be based on a graded exercise that will be handed in upon completion of the partial assignments and at the end of the quadrimester by the examination.
Teaching methods :	Theoretical notions will be presented and then explored in increasing depth by resolving problems that arise in the course of practical assignments. The students assimilate the general notions in order to constitute a synthetic vision of the material. They will be called on in class in order to encourage active learning. Then students test their knowledge by attempting to find essentially graphic solutions to problems that arise in the course of practical assignments. Students will constantly have the opportunity to self-evaluate, particularly through the publication on iCampus of their solutions to assigned exercises.
Content :	<p>MONGE II</p> <p>--</p> <p>Definition of planes and representations of volumes in space</p> <p>--</p> <p>Manipulation of planes and volumes by the techniques of rabattement and projection</p> <p>--</p> <p>Section and interpenetration of volumes</p> <p>--</p> <p>Development of the concepts of the intersection of planes and of points of intersection</p> <p>PERSPECTIVE</p> <p>--</p> <p>Definition of the constitutive elements of conic projection and of their peculiarities</p> <p>--</p> <p>Choice positioning of the image and the spectator</p> <p>--</p> <p>Resolution of an image in perspective with or without accessible vanishing three dimensions that arise in the course of the architecture project</p>
Bibliography :	<p>--</p> <p>Guion A. Cours de géométrie Descriptive : Tome 2, Méthode des plans cotés. Bruxelles : édition De Boeck, 1969</p> <p>--</p> <p>De Sloovere H. Cours de géométrie Descriptive : Méthode de Monge. Bruxelles : édition De Boeck, 1991</p> <p>--</p> <p>Jungman J.-P. Ombres et lumières : un manuel de tracé et de rendu. Paris : édition de la Vilette, 1995</p> <p>--</p> <p>Aubert J. Cours de dessin d'architecture à partir de la géométrie descriptive. Paris : édition de la Vilette, 1980</p> <p>--</p> <p>De Herde A., Gracia E. et Le Paige M. Guide d'aide à la conception bioclimatique. Louvain-la-Neuve : Ed. C.R.A., Architecture et Climat, 1986</p> <p>--</p> <p>Carlo Argan, Carlo Perspective et histoire au Quattrocento. Chantillon-sous-Bagneux : édition de la Passion, 1990</p> <p>--</p> <p>Durant J.-P. La représentation du projet : Approche pratique et critique. Paris : édition de la Vilette, 2003</p> <p>--</p> <p>Savignat J.-M. Dessin et architecture du Moyen-âge au XVIIIème siècle. Paris : Ecole Nationale Supérieure des Beaux-Arts, 1980</p> <p>--</p> <p>Ludi Jean-Claude La perspective pas à pas : Manuel de construction graphique de l'espace et tracé des ombres. Paris : Dunod, 2009 (3ème édition)</p>
Cycle and year of study :	> Bachelor in architecture (Bruxelles)

Faculty or entity in charge:	LOCI
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