

DESCRIPTIF DU COURS	
Objectif	Information about building structures
Type Unité Enseignement	Transversal
Contenu succinct	Building structures
Crédits de la matière	02
Coefficient de la matière	02
Pondération Participation	40%
Pondération Assiduité	60%
Calcul Moyenne C.C	Attendance + Participation
Compétences visées	Ability to design and calculate building structure

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date Consult. copie)	Critères évaluation (2)
Wednesday	1	15 mn	MC	Yes	2 pts aswe	22/02/2023	R
DEUXIEME CONTROLE DE CONNAISSANCES							
Jour	Séance	Durée	Type (1)	Doc autorisé (Oui, Non)	Barème	Echange après évaluation (date consultation copies)	Critères évaluation (2)
Wednesday	1	15 mn	MC	Yes	2 pts aswe	08/03/2023	R

(1) Type : E=écrit, EI=exposé individuel, EC=exposé en classe, EX=expérimentation, QCM

(2) Critères évaluation :A=Analyse, S=synthèse,AR=argumentation, D=démarche, R=résultats

EQUIPEMENTS ET MATERIELS UTILISES	
Adresses Plateformes	-----
Noms Applications (Web, réseau local)	-----
Polycopiés	polycopies diapos
Matériels de laboratoires	-----
Matériels de protection	-----
Matériels de sorties sur le terrain	-----

LES ATTENTES	
Attendues des étudiants (Participation-implication)	Mastering information about building structures
Attentes de l'enseignant	Design and calculate building structures

BIBLIOGRAPHIE	
Livres et ressources numériques	Catalogue des Méthodes de Réparation et de Renforc La Construction, Ed. Delta et Spes, I.MORTIER. Structure et Architecture. Ed. Eyrolles. Paris
Articles	
Polycopiés	polycopies
Sites Web	

Cachet humide du département

DESCRIPTIF DE LA MATIERE	
Objectif	<p>Develop students' ability to sketch freehand, explore different drawing media and techniques, as well as use digital tools for graphic representation.</p> <p>Introduce students to geometric composition, proportion, and balance in architectural design through drawing and modeling exercises.</p> <p>Raise students' awareness of the notion of space, scale, light, and materiality in architecture by having them create exploratory models and drawings.</p> <p>Encourage teamwork and collaboration in architectural design by having students work in teams on projects and teaching them the basics of communication and negotiation.</p> <p>Develop students' skills in oral presentation and visual communication by having them present and defend their work in front of an audience and receive critical feedback..</p>
Type Unité Enseignement	Fondamentale
Contenu succinct	Introduction to Architecture, Geometric Composition, Volumetric Composition, Formal analysis and decomposition of a project, Facade composition, Spatial analysis of a project, Design of a residential space
Crédits de la matière	04
Coefficient de la matière	04
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	Dessin, conception architecturale, presentation orale

EVALUATION DES CONTROLES CONTINUS DE CONNAISSANCES							
PREMIER CONTROLE DE CONNAISSANCES							
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						01/01/2023	
DEUXIEME CONTROLE DE CONNAISSANCES							
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						Cliquez ici pour entrer une date.	

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LES ATTENTES	
Attendues des étudiants (Participation-implication)	
Attentes de l'enseignant	

BIBLIOGRAPHIE	
Livres et ressources numériques	Zumthor, P. (2006). Thinking Architecture. Birkhauser Architecture. Ching, F. D. K. (2014). Architecture: Form, Space, and Order. John Wiley & Sons. Alexander, C., Ishikawa, S., & Silverstein, M. (1977). A Pattern Language: Towns, Buildings, Construction. Oxford University Press. Arnheim, R. (1996). Dynamique de la forme architecturale. Flammarion.
Articles	
Polycopiés	
Sites Web	ArchDaily (https://www.archdaily.com/) Architizer (https://architizer.com/) The Funambulist (https://thefunambulist.net/)

Cachet humide du département

DESCRIPTIF DU COURS	
Objectif	<p>Understand the socio-political, cultural, and economic contexts in which buildings were designed and constructed, and their impact on the form and function of architecture.</p> <p>Know the different architectural eras and styles, as well as the architects, engineers, and artists who contributed to their development.</p> <p>Critically analyze architecture, examining its aesthetic, technical, social, and environmental qualities.</p> <p>Be able to place architectural works in their geographical context, understanding the cultural and stylistic influences of other countries and regions.</p> <p>Understand architectural theories and debates that have shaped the history of architecture, as well as changes in paradigms and aesthetic revolutions.</p> <p>Be able to communicate knowledge and analysis in a clear and concise manner, both in writing and orally</p>
Type Unité Enseignement	Fondamentale
Contenu succinct	The history of architecture from the 1400s to the 2000s. This includes the Italian Renaissance, Baroque, Neoclassicism, and up to the modern and postmodern movements
Crédits de la matière	04
Coefficient de la matière	04
Pondération Participation	
Pondération Assiduité	
Calcul Moyenne C.C	
Compétences visées	Analysis and reading of facades in a historiographic approach including stylistic characteristics.

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PREMIER CONTROLE DE CONNAISSANCES							
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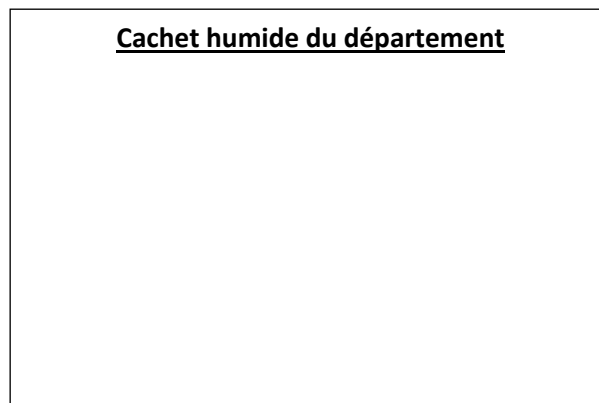
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Matériels de sorties sur le terrain	

LES ATTENTES	
Attendues des étudiants (Participation-implication)	<p>Understand the socio-political, cultural, and economic contexts in which buildings were designed and constructed, and their impact on the form and function of architecture.</p> <p>Reading of facades and analysis of the aesthetic elements that compose them.</p> <p>Critical approach to similarities between buildings from the same era or by the same architect in order to deduce styles.</p>
Attentes de l'enseignant	<p>Approach theoretical concepts in a simplified and graphical manner that allows for better active understanding.</p>

BIBLIOGRAPHIE	
Livres et ressources numériques	<p>Manfredo Tafuri, "Architecture et utopie : Visionnaires et révolutionnaires", Éditions Parenthèses, 2000.</p> <p>Peter Collins, "Concrete : The Vision of a New Architecture", McGill-Queen's University Press, 2004.</p> <p>Robin Evans, "The Projective Cast: Architecture and Its Three Geometries", MIT Press, 2000.</p>
Articles	<p>Mark Jarzombek, "The Disciplinary Dislocations of Architectural History", Journal of the Society of Architectural Historians, Vol. 67, No. 3, 2008, pp. 342-353.</p>

	<p>Kathleen James-Chakraborty, "Global History of Architecture", Journal of Architectural Education, Vol. 62, No. 2, 2008, pp. 17-22.</p> <p>Antoine Picon, "L'histoire de l'architecture à l'âge numérique", In Situ. Revue des patrimoines, No. 25, 2014. (disponible en ligne sur le site web de la revue)</p>
Polycopiés	
Sites Web	<p>ArchDaily (https://www.archdaily.com/)</p> <p>Architizer (https://architizer.com/)</p> <p>The Funambulist (https://thefunambulist.net/)</p>



Name of the Higher Education Institution : Ferhat Abbas University– Setif 1

Departement : Architecture

Course Syllabus

Project Theory – 2nd Year Architecture

PROFESSOR		Dr. ZEROUATI Wiem			
		Reception of students per week			
Email	wiemzerouati@gmail.com wiemzerouati@univ-setif.dz	Day :	Monday	Time :	2p.m- 3p.m
Office Tel.		Day :		Time :	
Secretary Tel.		Day :		Time :	
Other		Building :		Office :	30

COURSE DESCRIPTION

Objectives	<ul style="list-style-type: none">- Understanding of the dialectic site/project, containing/content, spaces/uses.- Sensitize the student to the problems of housing in its sense of "habitability"- Integrate socio-cultural factors in the design of housing which must be thought as an integral part of the city.- Research the principles and concepts of "living" that take into account the reality of Algerian society and allow the design of a housing adapted to the lifestyle and cultural model of the Algerian family.
Type Teaching Unit	Fundamental
Short content	<p><u>1- CONTENT OF THE 3rd Semester :</u></p> <ul style="list-style-type: none">• SITE AND SITE INTEGRATION: <p>A. the site</p> <ol style="list-style-type: none">1/ Definition of the "site" concept;2/ Types of sites: natural, rural, urban, etc.;3/ Perception of a natural site: silhouettes, outlines, textures, groupings, focal points, landmarks, lights, scales.... ;4/ Landscape and its method of analysis. <p>B. Site integration (relationship of the building to its environment):</p> <ol style="list-style-type: none">1/ Definition of different types of integration (functional integration, socio-cultural integration, morphological integration, etc.);2/ The different attitudes of the architect with regard to the built environment (pastiche, mimicry, reference, analogy, opposition, etc.).

	<ul style="list-style-type: none"> ● COMFORT IN THE BUILDING: <ol style="list-style-type: none"> 1. Definition of comfort 2. Different types of comfort: thermal, acoustic, visual, ergonomic and psychological. 3. Notions of comfort, physical parameters of the environment, elements of comfort, regulations and control strategies for improving the quality of life in the building. ● SITE ANALYSIS METHOD <ol style="list-style-type: none"> A. Definition of site analysis B. Different approaches: typo-morphology, phenomenology, landscape, etc. C. Analysis of an urban fabric (notions on urban regulations and urban planning instruments (PDAU, POS, etc.) <p>2- <u>CONTENT OF THE 4th SEMESTER:</u></p> <ol style="list-style-type: none"> 1. Introductory course on the notion of housing, definitions of concepts (habitat, dwelling, home...etc.) 2. Housing in the world. 3. Overview of Algeria's housing policy (colonial and post-colonial period). 4. Housing production method (administered, planned). 5. Appropriation of the living environment/way of life, cultural and space practices. 6. Housing typologies in Algeria (Collective – Individual – Intermediate). 7. Construction legislation and regulations.
Course credits	2
Course coefficient	2
Targeted skills	<ul style="list-style-type: none"> - Understanding the concepts related to the site and housing; - Tools acquisition to control the site and the design of all housing' types; - Ability to use different approaches to analyze any type of site; - Acquisition of knowledge relating to the evolution of housing throughout history; - Acquisition of skills to master all types of housing.

EQUIPMENT AND MATERIALS USED	
Addresses Platforms	https://iast-courses.univ-setif.dz/course/view.php?id=396#section-0
Application names (Web, local network)	Powerpoint – Acrobat Reader https://www.ilovepdf.com/fr/
Handouts	/
Laboratory materials	/
Protective materials	/
Field trip equipment	/

EXPECTATIONS	
Expected of students (Participation-involvement)	<ul style="list-style-type: none"> - The ability to use the knowledge acquired relating to the site and the housing in the "Project Studio" subject and then in the professional field: - Knowledge of the different approaches to analysis and integrate into the site; - Perfect knowledge of the means to ensure comfort in the home; - Mastery of concepts relating to housing, living and uses. - Awareness of the effects of the architect's decisions on the natural environment and the lives of future users.
Teacher expectations	<ul style="list-style-type: none"> - Ensure clear and complete teaching on the site, the integration of the project into its site and the housing design in its broadest sense (housing, outdoor space and accompanying equipment). - Involve students and motivate them to use the knowledge acquired in their professional activities.

REFERENCES	
Books and digital resources	<ul style="list-style-type: none"> - Faye, P-B., Tournaire, M., Godard, A., <i>Site et Sitologie, comment construire sans casser le paysage</i>, J-J.PAUVERT, 1974. - Lynch, K., <i>L'image de la cité Paris</i>, Dunod, 1969. - Panerai, P., Demorgan, M., Depaule, J-P., <i>Analyse urbaine</i>, Paris : Parenthèses, 1999. - Panerai, P., Castex J., Depaule J-P., <i>Formes urbaines de l'îlot à la barre</i>, parenthèses, 2001. - Givoni, B., <i>L'homme l'architecture et le climat</i>, le moniteur, 1978. - Rapoport, A., <i>Pour une Anthropologie de la maison</i>, Paris : Dunod, 1972.
Articles	/
Handouts	/
Web sites	/

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