

Syllabus

Faculty **Architecture and Design**

Specialization Architecture Engineering

Semester Second

Academic Year 2019/2020

Course Name Working drawings

Course Number 110101433

Each student shall receive a copy of the syllabus to be kept for future reference.

1. Instructor Information

1. Instructor: Arch.Mais Aljbour
2. Office: 358
3. Office Telephone: +962 6 4790222
4. Email: maljbour@meu.edu.jo
5. Office Hours: Mon & Wed (10:30-11:30), Sun. & Tues (11:00 – 13:00), Sat (9:00 -3:00)

2. Course Details

1. Meeting Times: Mon/wed 11:30-14:00
2. Location: E008
3. Course Laboratory (if any):

3. Sources and References

1. Required Readings:

- Executive designs drawings by Dr.Hisham Hasan Ali, Asyut University, Engineering faculty 2009.

2. Additional Readings:

- AutoCAD 2018 For Architecture Design Paperback – April 26, 2017.

4. Course Description:

Architecture drawing course introduce the students to the technical architecture drawings and details done architecture firms in order to get building permits, by giving them a project which require technical drawings.

5. Aims and objectives:

- To introduce the students to the process of the technical drawing from design phase to getting permits for buildings.
- Teaching the student how to draw internal and external details, building materials and finishes.
- Recognize the importance of executive plans and the ability to read symbols in order to implement them on reality.
- To increase the students AutoCAD drawings skill, and how to use it to produce complete technical drawings.

6. Course Learning Outcomes (CLOs):

1. Create knowledge of the design and implementation process.
2. Learning how to interpret and comprehend architectural technical drawings.
3. Learning the technical symbols and details of each technical drawings(site plan, plans, sections, elevations, tables and details)
4. Learning the materials used in the building from outside and inside.

7. Program Learning Outcomes (PLOs):

1. Implement concepts of architecture with high proficiency.
2. Keep pace with intellectual and practical developments to fulfill the varying needs of society.
3. Understand the importance of local heritage and preserve it.
4. Understand the diverse civilizations of the world and boost cultural exchange.

5. Apply innovation and critical thinking on various fields of Architecture.
6. Find creative and innovative solutions for various design dilemmas.
7. Use high skills in expressing and communication.
8. Continuously learn how to conduct research and apply it in professional practices.
9. Adhere to professional ethics and principles of practice.

8. Teaching Methods

- Theoretical lectures; each design phase is explained in parallel with their work on the project.
- Practical work; consist feed-back and discussion with the students on their work during the course.

#	Description	Weight	Description
1.	Site & Plans Sections Elevations	15% 10% 10%	Phases submissions
2.	Mid-term Exam	15%	Written exam
3.	Pre-final Final	15% 25%	Final project submission
4.	Participation	10%	
Total		100%	

9. Course Schedule:

Week	Topics to be covered	Readings (Pages)	CLOs	PLOs
1	Introduction to the course		1/2/3/4	1/5/6/9
2	Plans drawings		1/2/3/4	1/5/6/9
3	The method of drawing the external & internal dimensions and symbols for each		1/2/3/4	1/5/6/9

	of the building materials			
4	Plans & site submission		1/2/3/4	1/5/6/9
5	How to draw symbols for doors, windows and levels.		1/2/3/4	1/5/6/9
6	Sections drawings		1/2/3/4	1/5/6/9
7	Sections submission		1/2/3/4	1/5/6/9
8	Mid-term exam			
9	Elevations drawings		1/2/3/4	1/5/6/9
10	Elevations submission		1/2/3/4	1/5/6/9
11	Details drawing		1/2/3/4	1/5/6/9
12	Details submission		1/2/3/4	1/5/6/9
13	Pre-final			
14	Final submission			

10. Course Policies

- Course policies are determined by Undergraduate and Postgraduate Degree Regulations and Student Guide.

- Policies should be announced during the first meeting.

1. Attendance: Students are expected to attend all classes of this course (without exception). A prior approval is required for class absence except for emergencies. However, any student with 15% short attendance will be not being allowed to attend the final exam, and may better drop the course.

2. Tardiness:

Students are not allowed to come late to class. Any student coming more than 5 minutes late will be marked absent. However, he/she may still be allowed to attend the class in spite of being marked absent if he/she wishes to do so, on the condition that the student does not make a habit of it, and that the number of tardy students is limited to a little number of very special cases.

3. Exams:

Failure in attending a course exam will result in a zero mark unless the student provides an excuse acceptable to the instructor, the Head of the Department, and the Dean who approves a re-sit exam. It is the student's responsibility to attend the exam at the correct time and place. The mid-term exam papers will be returned to the students.

Re-sit Exams: The student will not be allowed to re-sit an exam unless he/she furnishes the institute with written evidence of the following cases: Sickness (by providing a medical report stamped by University physician within the time limit stated by the University), the death of a member of his/her family, an accident. In the case of natural disasters or severe conditions that affect all students in general (e.g. heavy snow storms) the situation shall be properly handled and announced by the administration.

4. Assignments and Projects:

Exercises will take place in the class room and will be continued at home.

5. Attending Exams and Meeting Deadlines:

In the event that a student shows up late for the mid-term exam, he/she will be permitted to attend the exam on the condition that none of his/her has already left the room; also he/she will not be allowed any extra time. In the event that a student is more than 30 minutes late for the final exam, he/she will not be permitted to attend the exam.

6. Penalties for Cheating:

Cheating is an attempt to gain marks dishonestly and includes: Copying from another student's work, using materials not authorized by the institute or instructor, collaborating with another student during a test without permission, knowingly using, buying, selling, or stealing the contents of a test, getting help from outside during a test by using any kind of electronic device, etc.