

Syllabus

Faculty **Architecture and Design**
Department **Architectural Engineering**
Semester **Second**
Academic Year **2019/2020**

Course Name **Local Architecture**
Course Number **1101415**

1. Instructor Information

1. Lecturer Name: Shireen Alkhalidi
2. Office Number: B330
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5. Office Hours: Sun/Tues: 1-2

2. Course Details

1. Meeting Times: Sun, Tues: 2:00-3:30
2. Location: B118

3. Sources and References

Course Book:

1. Khammash, A. "Notes on Village Architecture in Jordan". 1986. University Art museum.
2. Suad, A. & Vera, T. "The Palestinian village home". 1989. British museum publications.
3. Hassan, F. "Natural energy and Vernacular Architecture". 1986. The United Nations University.

Reference(s):

1. Susan, W. "Old houses of Jordan". 1997. TURAB.
2. طالب، الرفاعي. "بيوت عمان الأولى". 1987. منشورات الجامعة الأردنية
3. سليم، الفقيه. "سوف، دراسة معمارية في البيئة المحلية". 1989. منشورات الجامعة الأردنية
4. زكريا، كبريت. "البست الدمشقي". 2000. مؤسسة الصاحاني

4. Course Description:

This course aims to review the most important features of local architecture from the perspective of regional architecture and how to employ local resources of various types in shaping the architectural or urban space of a local character that distinguishes it from architectural spaces in other parts of the world. The course also includes an explanation of the most important local architectural works that may serve as a model for the study.

5. Aims and Objectives:

To provide students Board knowledge about vernacular architecture and its conventional construction methods in Jordan as well as in selected neighboring countries. Many valuable lessons can be learned from the indigenous built environment so as to avoid the expensive mistakes in building design and above all the loss of our cultural heritage and architectural identity. Local, social, cultural, economic and environmental conditions from the basic limitations to design and construction of buildings. Students should be aware of the Arab architectural heritage and learn how to preserve the spirit and identity in the design of new buildings.

6. Course Learning Outcomes (CLOs):

Upon successful completion of this course, the learner should be able to:

1. Describe the main concepts of vernacular architecture and construction methods in Jordan.
2. Use appropriate architecture and construction terms and definitions.
3. Write essays that incorporate local socio-cultural factors in local house and settlement form.
4. Understand the concepts of vernacular architecture.

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

The methods of instruction may include, but are not limited to:

- Interactive theoretical lectures
- Discussions
- Group Assignments

The following methods of learning assessment will be used in this course

#	Evaluation	Value	Description
1.	First Exam Second Exam Final Exam	20% +20% +40%	2 Exams + Final Exam
2.	Report and Presentation	10%	Course work
3.	Participation	10%	Participation & Attendance
Total			100%

9. The Timetable for the Implementation of Course

Week	Subject	CLOs	PLOs
1	Unit 1: Review of Vernacular Architecture. - Introduction to the course - Introduction to vernacular architecture. - Brief historic background on vernacular architecture. - Local socio cultural factors and shelter form.	1,2,4	1
2	Unit 2: Natural Forces in Vernacular Architecture. - Review on the influence of climate, materials, construction & Technology on shelter. - Elements of Local and Regional vernacular architecture & construction methods.	2,4	1&2&3&4&5
3	Unit 3: Vernacular Architecture in Syria	2,4	
4	Unit 4: Palestinian Village home. - Village & Houses. - Agriculture and Artifacts. - Sustainability in Palestinian village house.	2,4	1&2&3&4&5
5-8	Unit 4: Jordanian Settlements. - Brief History on Settlements in Jordan. - Jordanian Villages - Review of Jordanian Towns: Al shobak, Al salt. - Review of Amman City Center.	2,4	1&2&3&4&5
9	Midterm EXAM	--	--
10	Unit 5: Jordanian Settlements. - Villa Architecture in Amman. - Amman's First Houses. - Jordanian old houses.	1,2,4	1&2&3&4&5
11-15	presentations– All Groups	1,2,3,4	3

10. Course Policies

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 be allowed to attend the final exam, and may better drop the course.
2. Delays: 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. Examinations: 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 first and second 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. Homework and Projects: Exercises will take place in the class room and will be continued at home.
5. Attending the Exams and Meeting the Deadlines:
In the event that a student shows up late for the 1st or 2nd 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. Cheating and Punishment: 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.