هيئة تقويم التعليم
Education Evaluation Commission
المركز الوطني للتقويم والاعتماد الأكاديمي
National Center for Academic Accreditation and Evaluation

ATTACHMENT 5.

T6. COURSE SPECIFICATIONS (CS)

Architectural Design Studio 7 (510ARC-5)

By: Dr. Muna Gibreel Mohamed AHMED

هيئة تقويم التعليم
Education Evaluation Commission

Course Specifications

Institution: **Jazan University**	Date: **6/9/1438**
College/Department: **faculty of design and architecture** , **Architecture Dept.**	

A. Course Identification and General Information

1. Course title and code: **Architectural Design Studio 7 (510ARC-5)**
2. Credit hours: **5**
3. Program(s) in which the course is offered**. Architecture program**
(If general elective available in many programs indicate this rather than list programs)
4. Name of faculty member responsible for the course **Dr.Muna Gibreel Mohamed Ahmed**
5. Level/year at which this course is offered: **5th year 10th semester**
6. Pre-requisites for this course (if any): : **Architectural Design Studio 6 (420ARC-5)**
7. Co-requisites for this course (if any): **None**
8. Location if not on main campus: **Academic campus 1**
9. Mode of Instruction (mark all that apply):

a. traditional classroom	*	What percentage?	100
b. blended (traditional and online)		What percentage?	
c. e-learning		What percentage?	
d. correspondence		What percentage?	
f. other		What percentage?	

Comments:

B Objectives

1. What is the main purpose for this course?

This Architectural design studio provides a design exercise intended to develop students design skills dealing with multi-functional projects and complicated design problems and issues in architectural design and application of presentation & design graphic techniques, It also focuses on sustainable architecture issues and applications .

2. Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field)

- **Exploration of multi-functional design problems ,and understanding of complicated structural and construction issues .**
- **Developing the student's skills in using multi-media presentations .**
- **Developing the use of drawing software skills .**

C. Course Description (Note: General description in the form used in Bulletin or handbook)

Course Description:

This course deals with multi-functional projects and complicated design problems and issues in architectural design and application of presentation & design graphic techniques, It also focuses on sustainable architecture issues and applications .

1. Topics to be Covered

List of Topics	No. of Weeks	Contact hours
Project and site selection	1	10
Design concept and areas study of the Project	2	20
Site and Layout Study	2	20
Formulation of Plans	3	60
Facades Study	2	20
Sections and structure Studies	2	20
3D study	2	20
Review and presentation	1	10
Total	15	150

2. Course components (total contact hours and credits per semester):

		Lecture	Tutorial	Studio	Practical	Other:	Total
Contact Hours	Planed	-	-	10per week	-	-	150
	Actual	-	-	10	-	-	150
Credit	Planed	-	-	5 per week	-	-	5
	Actual	-	-	5	-	-	5

3. Additional private study/learning hours expected for students per week. 30

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

On the table below are the five NQF Learning Domains, numbered in the left column.

First, insert the suitable and measurable course learning outcomes required in the appropriate learning domains (see suggestions below the table). **Second**, insert supporting teaching strategies that fit and align with the assessment methods and intended learning outcomes. **Third**, insert appropriate assessment methods that accurately measure and evaluate the learning outcome. Each course learning outcomes, assessment method, and teaching strategy ought to reasonably fit and flow together as an integrated learning and teaching process. (Courses are not required to include learning outcomes from each domain.)

Code #	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	**Knowledge**		
1.1	**Knowledge of Standards of multi-functional or mixed uses buildings' elements**	**Lectures, studio work, seminars presentations**	**Continuous assessment of work portfolio and summative assessment at the final submission of the projects documents**
1.2	**Functional relationships between elements of buildings**		
	Basics of formulating complex form and space and relating the building to its urban context		
2.0	**Cognitive Skills**		
2.1	**understand architectural problems and application of research standards.**	**Lectures, studio work, seminars presentations**	**Continuous assessment of work portfolio and summative assessment at the final submission of the projects documents**
2.2	**analyse technical problems, structure, construction ,..etc.**		
	comprehend building components and focus on the relationships between various parts.		
3.0	**Interpersonal Skills & Responsibility**		
3.1	**working in groups consists of several students at the first stage : Students are required to cooperate in the whole system to develop their skills and to carry out their responsibilities.**	**Lectures , studio work, seminars presentations**	**Continuous assessment of work portfolio and summative assessment at the final submission of the projects documents**
3.2	**Individual work in design stages and peer evaluation to increase the sense of being competitive**		
	Discussions of various aspects related to the subject at hand are always encouraged in favour of induced learning and constructive socializing process.		

	Produce formal presentations and make decisions under time constraints.		
4.0	**Communication, Information Technology, Numerical**		
4.1	**Writing reports and giving presentation that develop language ability.**	**Lectures , studio work, seminars presentations**	**Continuous assessment of work portfolio and summative assessment at the final submission of the projects documents**
4.2	**Using architectural software programs to develop graphic ability.**		
	Using the IT technology to find out and research information from the net.		
5.0	**Psychomotor**		
5.1	**Not applicable**		

5. Schedule of Assessment Tasks for Students During the Semester

	Assessment task (i.e., essay, test, quizzes, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	**Project and site selection**	**1**	**2.5%**
2	**Concept of the Project**	**3**	**2.5%**
3	**Layout Study**	**5**	**5%**
4	**Plans study**	**8**	**15%**
5	**Facades Study**	**10**	**5%**
6	**Sections Studies**	**12**	**10%**
7	**3D study**	**14**	**10%**
8	**Review and final presentation**	**15**	**10%**
9	**Total for semester work**	**15**	**60%**
10	**Final exam**	**18**	**40%**

D. Student Academic Counseling and Support

1. Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week) **40 hours per week, 5 days per week** With 10 hours for academic guidance and other office work

E Learning Resources

1. List Required Textbooks **- Time-Saver For Architectural Design Data: The reference for architectural fundamentals. Watson, D (Editor) (1997) McGraw-Hill (ISBN:0070685061).** **- Architects Data. The Handbook of building Types. , Neufert, E. (1986). Sheridan House, (ISBN: 0003831922).**
2. List Essential References Materials (Journals, Reports, etc.) **All the available magazines, Journals and Publications in the field of Architecture Design and the other branches serving this field.**
3. List Electronic Materials, Web Sites, Facebook, Twitter, etc. **Architectural pages on Facebook**
4. Other learning material such as computer-based programs/CD, professional standards or regulations and software. **Software needed:-** ○ **Autodesk Auto CAD.** ○ **Autodesk Revit.** ○ **Autodesk 3D Max..** **Adobe Photoshop**

F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access, etc.)
1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) **Studio class rooms with drawing boards and related facilities, 30 -35 drawing desk and seats for students**
2. Technology resources (AV, data show, Smart Board, software, etc.) **data show and Internet Cables**
3. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list) **Printing facilities are essential especially when using ACAD for presentations and drawings**

G Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching **Questionnaire**
2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department **Internal review by department council**
3. Processes for Improvement of Teaching **- Follow departmental instructions to improve teaching.** **- Training and workshops programs to improve their skills** **- Feedback from students**
4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution) **(3 members committees) assessment for projects that are carried out twice through the academic term**
5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. **- Internal review by department council** **- academic development and quality dept. review for course files**

Name of Course Instructor: Dr.Muna Gibreel M.AHMED
Signature: _____ Date Specification Completed: _____

Program Coordinator: _____

Signature: _____ Date Received: _____