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

ATTACHMENT 5.

T6. COURSE SPECIFICATIONS (CS)

هيئة تقويم التعليم
Education Evaluation Commission

Course Specifications

Institution: Jazan university	Date:
College/Department : : Faculty of Architecture and design – department of architecture	

A. Course Identification and General Information

1. Course title and code:
   Working drawing (423 ARC – 3)
2. Credit hours: **1H lecture + 4H practical**
3. Program(s) in which the course is offered.
   (If general elective available in many programs indicate this rather than list programs)
   BSc
4. Name of faculty member responsible for the course
   Soha Mohamed Mahmoud Ramadan.
5. Level/year at which this course is offered: eighth level, 4th year.
6. Pre-requisites for this course (if any):
   Urban design (413 ARC- 3)
7. Co-requisites for this course (if any):
   None
8. Location if not on main campus:
   None
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 course aims to apply all knowledge learned from Architectural constructions (1) and (2) on the project and present all needed drawings (Architectural, plumping, Electrical, Fire systems, HVAC Systems and all details for the project) .

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)
   - Viewing similar courses in various universities.
   - Use the Internet continually to keep up with any new regard to the subject.
   - Use modern references to update feeder information to the subject.

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

Course Description:

1. Topics to be Covered

List of Topics	No. of Weeks	Contact hours
1. Identification about working drawing and its importance. * Determine the student project for the previous level studio.	1st	5
2. Working on basic drawings.	2nd	5
3. Working on details of doors.	3rd	5
4. Working on details of windows.	Fourth	5
5. Working on details of floors.	Fifth	5
6. Working on details of expansion joints and downs.	Sixth	5
7. Working on details of false Ceiling.	Seventh	5
8. Working on details of end coverages.	Eighth	5
9. Mid-semester holiday.	Ninth	
10. Midterm exam.	Tenth	5
11. Working on details of sanitary fittings.	Eleventh	5
12. Working on other details like (counter – fountain ….).	Twelveth	5
13. Working on details of curtain walls.	Thirteenth	5

14. Working on details of frame steel.	Fourteenth	5
15. General revision and follow up all workings.	Fifteenth	5
16. Final handover of the project and discussion.	Sixteenth	5
Total	16	75

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

		Lecture	Tutorial	Laboratory/ Studio	Practical	Other:	Total
Contact Hours	Planed	17			64		80
	Actual	17			64		80
Credit	Planed	17			32		49
	Actual	17			32		49

3. Additional private study/learning hours expected for students per week. None

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	- Understand the advanced and modern construction systems.	• theoretical lectures.	- Practical exercises, periodic tests, mid Term and researches (60 degrees)
1.2	- The ability to apply to certain building structural system designed by the student.	• practical exercises	- Final test (40 degrees).
1.3	- Understand the details of all the particles of the building and draw them by different scales.	• discussion and dialogue	
1.4	- The ability to output an integrated project executive.	• presentations	

1.5	- Introduce a comprehensive background database in architecture clarifying the importance of all drawings needed for building construction.	•scientific researches.	
1.6	- Understand and develop how to draw and read documents and drawings related to the building whether working in the office or with the construction team in the site.		
2.0	**Cognitive Skills**		
2.1	- The ability to distinguish between the basic design architectural drawings and shop drawings.	• theoretical lectures.	- Practical exercises, periodic tests, mid Term and researchs (60 degrees)
2.2	- The development of a student's ability to choose the right type of construction system suitable for the building.	• practical exercises	- Final test (40 degrees).
2.3	- The ability of the students on the link between the horizontal and vertical projections and the relationship of each other.	• discussion and dialogue	
2.4	- The acquisition skills of output executive boards by using computer programs like Auto CAD.	• presentations	
2.5	- Gain the ability to distinguish between different building materials and finishes materials identifying titles and different uses for each type, and How to implement.	•scientific researches.	
3.0	**Interpersonal Skills & Responsibility**		
3.1	- Participation of students during the process of explanation using the methods of collective discussion and to allow the students to apply some parts of the exercises on the blackboard in front of their colleagues.	• practical exercises • discussion and dialogue	- discussion of the mistakes of the students in various exercises, and try to make the students propose solutions to these errors, according to what has been understood before.
3.2	- Cooperation among the students to conclude some common details in their projects.	•Teem work.	- discussion of research.
4.0	**Communication, Information Technology, Numerical**		
4.1	• Search on the Internet to learn about the different parts of the subject.	• practical application in the studio.	•practical exercises.
4.2	• Drawing with computer programs like AutoCAD.	• Household exercises.	
4.3	• The ability to convert from scale to another.		
5.0	**Psychomotor**		
5.1	None	None	None

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	Weekly assessment of works and handed on transparent paper by pencils.	Every week	Calculate as a part of final handover.
2	Midterm exam.	Ninth weak	10 degrees
3	Researches.	Thirteenth week	10 degrees
4	Final assessment of drawings, inking handed.	Seventeenth week	35 degrees
5	Commitment of attendance.	Every week	5 degrees
6	Final exam.	Eighteenth week	40 degrees

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)

That during office hours be allocated to each member of staff by 10 office hours per week, to ensure the availability of faculty to provide academic advice and guidance to students that need it.

E Learning Resources

1. List Required Textbooks

1. Mohammed Ahmed Abdallah, drawings and architectural details, the Egyptian Anglo library, 2004.

2. List Essential References Materials (Journals, Reports, etc.)

1. Farooq Haider Abbas, modern encyclopedia in construction of buildings - 3 parts, technology fifth edition, 1997.

2. Mohammed Ahmed Abdallah, create buildings and construction technology, Egyptian Alangelo library in 2002.

3. List Electronic Materials, Web Sites, Facebook, Twitter, etc.

- www.architectmagazine.com
- www.wikipedia.com

4. Other learning material such as computer-based programs/CD, professional standards or regulations and software.

None

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.) Drawing studio with 30 tables and 30 chairs.
2. Technology resources (AV, data show, Smart Board, software, etc.) A projector device is available to be used in explaining the lectures and exercises, but it need maintenance.
3. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list) None

G Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching None
2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department - Compare to the subject specification of what is taught during the semester and what is taught in similar universities. - Compared the students' works in similar universities.
3. Processes for Improvement of Teaching
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) None
5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. - Establish a library for faculty of Architecture and Design. - Providing all the necessary references to students. - Providing the means for a modern display to facilitate the process of explaining the subject.

Name of Course Instructor: **Soha Mohamed Mahmoud Ramadan**

Signature: _____ Date Specification Completed: _____

Program Coordinator: _____

Signature: _____ Date Received: _____