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

COURSE SPECIFICATIONS
(CS)

هيئة تقويم التعليم
Education Evaluation Commission

Course Specifications

Institution: **Jazan University**	Date: **1/6/2017**
College/Department : **Faculty of Architecture and Design For Girls**	

A. Course Identification and General Information

1. Course title and code:
Fundamental Design and Drawing I (111 DAR -3)

2. Credit hours: **3 hours practical**

3. Program(s) in which the course is offered.
(If general elective available in many programs indicate this rather than list programs)
B. SC. in Architecture

4. Name of faculty member responsible for the course
Dr. Arafa AwadAllah Abbas

5. Level/year at which this course is offered: **1437 -1438 / 2016-2017 - 2nd semester**

6. Pre-requisites for this course (if any):
None

7. Co-requisites for this course (if any):
None

8. Location if not on main campus:

Academic complex for female students (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:

None

B Objectives

1. What is the main purpose for this course?

-Demonstrate knowledge and understanding of the different elements of design (line, shape, form, space, texture, pattern, color).

- Visual contact expressive and creative capabilities in the development of pre-design.
- The ability to observation, analysis and expression by direct free drawing development.
- The ability to vision, perception and description using the means of engineering drawing development.
- Identified the basis of the analysis and the principles of the optical configuration for the design of forms.
- Identified the basis of representation by using the three-dimensional projection of isometric and oblique forms.

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)

--Make sure that there are enough books and periodicals that discuss the subject matter

-Increased use of web-based materials as references

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
-Introduction theory about design, art, drawing on raw materials and tools used in the design and drawing. -Practical exercises on the design and founded by the elements of nature	1	6
-Types of raw materials -Linear selection configuration possibilities and variations	2	6
-Basics of formative line and their types -Basics of structural design: configuration elements: Point / Line	3	6

Basics of structural design: configuration elements: Area / Bloc	4	6
The foundations for structural design: configuration elements: The space /Unity / repetition / symmetry.	5	6
The foundations for structural design: configuration elements: The space /Unity / repetition / symmetry.(Follow-up exercises)	6	6
Using simple geometric shapes and shading drawn according to the rules of perspective isometric (cube – Cuboids – Pyramid)	7	6
- Midterm exam -Follow-up and evaluation of classroom work	8	6
-Midterm vacation	9	6
Using simple geometric shapes and shading drawn according to the rules of perspective isometric (Cone – cylinder – sphere)	10	6
-Definition of colors and types – color circle and the relationship between form and color -Primary and secondary colors – Color gradation – harmony – the relationship between color and size	11	6
-Types of perspective -Complex geometric shapes drawn with shading according to the rules of isometric perspective	12	6
A three-dimensional representation: - Using projection of isometric and oblique forms - Using geometric perspective with two vanishing points.	13	6
-Review	14	6
-Evaluate the work of students	15	6
Total	15	90

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

		Lecture	Tutorial	Laboratory/ Studio	Practical	Other:	Total
Contact Hours	Planed	0	0	0	6	-	90
	Actual	0	0	0	3	-	45
Credit	Planed	0	0	0	6	-	90
	Actual	0	0	0	3	-	45

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

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.)

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	**Knowledge**		
1.1	Demonstrate knowledge of basic design and design fundamentals and principles.	-Lectures, studio projects practices, portfolio, exercises. -Brainstorming	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of the course including final exam.
1.2	Evaluate the various technical drawings (isometric, oblique forms and geometric perspective).	-Lectures, studio projects practices, portfolio, exercises. -Brainstorming	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of the course including final exam. -Performance.
1.3	Critiques the relevance and impact of scientific concepts and theories related to architecture design, discussed and analyzed.	Lectures, workshops, seminars.	-Objective tests (midterm exam, final exam). - Classroom assessment. -Rubric

2.0	**Cognitive Skills**		
2.1	Apply the engineering drawings feature	-Supervised studio practice , portfolio , Lectures , presentations	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of the course including final exam. -Coursework, including studio based design projects, portfolio submission
2.2	Analyze different ideas related to two and three dimensional forms.	-Supervised studio practice, portfolio, presentations, Lectures.	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of the course including final exam. -performance
2.3	Demonstrate the concept of interior space design and the methods of its applications	Lectures, exercises, reports.	-Objective tests (midterm exam, final exam). - Classroom assessment. -Rubric
2.4	Evaluate the interrelationship between the drawing tools to express intellectual and physical data related to the design process and methods of communication	Lectures, Supervised studio practice, portfolio, exercises, presentations, seminars.	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of

			the course including final exam.
3.0	**Interpersonal Skills & Responsibility**		
3.1	Create perfect architectural drawings that demonstrate the conventional principles of architectural drafting and drawing design in the design process	-Lectures , seminars , presentations,	-Objective tests (midterm exam, final exam). -coursework essays assessment -Coursework, including studio based design projects, portfolio submission.
3.2	Evaluate the abilities of making design decisions that represent imagination and creativity	-Lectures , seminars , presentations -Research teams and group projects.	-Objective tests (midterm exam, final exam). -coursework essays assessment -performance. -Rubric.
3.3	Apply appropriate technical skills to drawing designs.	-Presentations, individual researches, workshops.	-Objective tests (midterm exam, final exam). -Coursework essays assessment. -performance.
4.0	Communication, Information Technology, Numerical		
4.1	Create believable drawings and sketches that can be used in design presentations	Lectures , seminars , presentations, Workshops, discussions within the lecture.	Objective tests (midterm exam, final exam). -coursework essays assessment -performance.
4.2	Apply lifelong learning draw up sketches and drawings that communicate ideas and concepts to different audiences.	- Lectures , Research papers and reports - Surveys (satisfaction, perceptions).	Objective tests (midterm exam, final exam). -coursework essays assessment -Rubric - Portfolio submission
4.3	Build a broad range of hand skills drawing skills in architectural communication and presentation techniques through drawing using handmade methods.	Lectures, Supervised studio practice ,portfolio , seminars , presentations - self-guided studies.	-Objective tests (midterm exam). - Classroom assessment. -Both formative assessment all through the courses work carried by course instructor at critiques, and summative assessment at the end of the course including final exam.

			-Coursework, including studio based design projects, portfolio submission
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	Weekly assessment of the work of students	Every week	Calculated within the final evaluation of the files of students work
2	Midterm exam	8	20
3	Final evaluation of the files of students work	14	35
4	Attendance/Participation	weekly	5
5	Final exam	16	40
6	Total	-	100

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)

Through academic hours that define to each faculty member by 10 office hours per week, to ensure the availability of faculty member staff to provide academic advice and guidance to students that need it

E Learning Resources

1. List Required Textbooks

- Ching, Francis D.K., "Architecture: Form, Space and order", Van No strand Reinhold Co., NY, USA, 1979.
- Paul,Laseau, "Graphic Thinking of Architects and Designers", Reinhold Co., NY, USA, 1980.
- Cappleman,Owen -Jack Jordan,Michel, "Foundations in Architecture: An Annotated Anthology of Beginning Design Projects", Van Nostrand Reinhold, 1993.

➢ Peter. Tom and Sue Goodmen, Manual of Graphic Techniques, Charkes Scribner's sons, New York, 1983 ➢ Wong Wucius, Principles of Two Dimensional Design. Van Nostrad Reinhold Co., NY, 1972. Linton,Harold, "Color Model Environments: Color and Light in Three dimensional Design", Harold Linton, 1985.
2. List Essential References Materials (Journals, Reports, etc.) - DRAWING FOR ARCHITECTS BASICS: SCALE by METHODS & TIPS (2016) - Drawing as a fundamental tool for thinking in landscape architecture by Griffiths, Pete (2015)
3. List Electronic Materials, Web Sites, Facebook, Twitter, etc. ➢ - Architectural drawing - Wikipedia, the free encyclopedia YouTube - Videos for special education of drawing a three-dimensional perspective and drawing blocks
4. Other learning material such as computer-based programs/CD, professional standards or regulations and software. None

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.) Assessment of course teaching strategies by independent body.
2. Technology resources (AV, data show, Smart Board, software, etc.) • Student questionnaires to be assessed by department
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 Assessment of course teaching strategies by independent body.
2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department • Student questionnaires to be assessed by department
3. Processes for Improvement of Teaching • Attending workshop, reading books, and the searching for e-resources. • Revision of course contents, course specifications, and strategies every year.
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) • Check marking by an independent member of staff of a sample of student work. • Periodic exchange and remarking of a sample of assignments with a member of staff in another institution
5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. • Creation of a special electronic library at the Faculty of Architecture and Design. • Update text books with providing all the necessary references to students. • Providing the resources of a modern display to facilitate the process of explaining the decisions • Reviewing student's feedback. • Consulting other top universities course specifications and contents

Name of Course Instructor: __ **Dr.Arafa Awadallah Abbas** _____

Signature: _____  _____ Date Specification Completed: __4/6/2017___

Program Coordinator: _____ Dr. Eatezaz Abdalrahman _____

Signature: _____  ____ Date Received: _____4/6/2017_____