



Course Specification

— (Bachelor)

Course Title: **BASICS OF ENGINEERING AND ARCHITECTURAL DRAWING**

Course Code: **DEG.100**

Program: **Architecture**

Department: **Architecture**

College: **Architecture and Planning**

Institution: **Qassim University**

1. Course Identification

Course general Description:

Introduction to the architectural drafting, beginning with discovery the different elements of architectural drawing, practice the different means of architectural and representation drawing, also methods and drawing tools are taken in learning chapter

Course Main Objective(s):

The course objective are followings

- 1-Learn how to draw and use different drawing tools.
- 2-Learn types and expression of lines and thickness and relationship to projection.
- 3-The ability to use architectural drawing pencil and how to make models.
- 4-The ability to draw and practice projection and types of plans and sections and elevations, and their relationship to reality through training on a range of exercises.

2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
1.0	Knowledge and understanding	
1.1	Explore the nature of the design and its components (point, line, direction, shape, size, scale, texture, optical value, colors ...) with a focus on the work of their applications in architecture.	K-1
1.2	Define the basics of the projection drawing and technical architectural drawing which will be use in studio project.	K-1
1.3		
2.0	Skills	
2.1	Apply imagination skills and drawing architectural subject by utilizing different means of representation.	S-1
2.2		
3.0	Values, autonomy, and responsibility	





Code	Course Learning Outcomes	Code of CLOs aligned with program
3.1		

3. Students Assessment Activities

No	Assessment Activities *
1.	Periodical tests/Exercises
2.	Final Exam

4. Learning Resources and Facilities

Essential References	Architectural Graphics, Francis D.K, Ching, Fifth Edition, Jhon Willey & sons, INC, N.Y,2009.
Supportive References	<p>-المعماري، مرجع بصري، بوردين، ايرنست، ترجمة علي بن سالم باهمام، 1422هـ، النشر العلمي والمطابع، جامعة الملك سعود، الرياض.</p> <ul style="list-style-type: none"> - Form, Space and Order, Ching, Francis D.K, 1996 - Architect's Data, 3rd Ed., ERNST NEUFERT, 2002, Blackwell Science Ltd, U.K. - Art an Introduction, Cleaver, D.G - Art and Techniques, Mumford, L. - Freehand sketching: An introduction, Paul Laseau
Electronic Materials	None
Other Learning Materials	None

