



Computer Application in Architecture – ARC403



Credit Hours:



Total Mark:



Dept: Construction Engineering

Course Aim: To introduce one of the computer applications as a tool for architects in 2D and 3D drawings. Through this course, students can draw, develop and modify their digital drafting capacities using AutoCAD program. As a result, 2D drafting and 3D modeling in AutoCAD are introduced for the beginners by achieving the following course plan.

Day	Topic	Assignment and activities
30/9/2018	Introduction to Digital Drafting and Design in Architecture Introducing AutoCAD Interface: Setting up Workspace	01: Dealing with the software
7/10	AutoCAD: Layers and Essential Tools	02: Application
14/10	AutoCAD: 2D Drafting: Drawing Tools	03: Application
21/10	AutoCAD: 2D Drafting: Modifying Tools	04: Application
28/10	AutoCAD: 2D Drafting: Modifying Tools	05: Quiz
4/11	AutoCAD: 2D Drafting: Blocks and References	06: Application
11/11	Midterm Exam	
18/11	AutoCAD: 2D Drafting: Annotations and Hatching	07: Application
25/11	AutoCAD: 2D Drafting: Sheet Preparation and Printing	08: Quiz
2/12	AutoCAD: 3D modeling: Modeling Tools	09: Application
9/12	AutoCAD: 3D modeling: Modeling Editing Tools	10: Application
16/12	AutoCAD: 3D modeling: Modeling Editing Tools	11: Quiz, Intro to project prep
23/12	Initializing the project	12: Practice
30/12	Finalizing the Project	13: Practice and project evaluation

With our Best wishes for your professional and academic career,

Dr. Ahmed Abdel-Rasoul

Lecturer at Department of Architecture