Republic of Iraq
The Ministry of Higher Education and Scintific Resrearch
Supervision and Scientific Evaluation Body

College : Shatt Al Arab University College
Department : Computer Engineering Technology
Stage: first stage
Lecturer Name : Hussein Almazini
Academic Status : Assistant Lecturer

Course Weekly Outline

Course Lecturer	**Assistant Lecturer: Hussein Fouad Abbas Almazini**			
e-mail	**hussein.f.abbas@sa-uc.edu.iq**			
Title	**Engineering Drawing**			
Course Coordinator	**Computer Engineering Technology**			
Course Objective	**Increasing engineering awareness and using the basics of engineering drawing and using technology for drawing Scale analysis with the ability to determine binary projections and draw triangular shapes**			
Course Description	**Discussions between different student groups about the application of theories. Establishing workshops and theoretical presentation on how to use the basics of drawing to draw simple and complex electrical and electronic circuits Use of various means to increase understanding and clarification. Extra-curricular discussions and assignments to increase understanding of graphic examples and applications used in applications and electronic circuits**			
Textbook	**Mastering AutoCAD 2010 and AutoCAD LT 2010 1st Edition**			
References	**AutoCAD 2010 Command Reference, AutoCAD tutorial 2011**			
Course Assessment	**Term Exam**	**Project**	**Quizzes and Attendance**	**Final Exam**
	30		**10**	**60**
General Notes				

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College : Shatt Al Arab University College
Department : Business Adminstration
Stage:
Lecturrer Name:
Academic Status:
Qualification:

Week	Date	Topics Covered	Number of Hours	Notes
1		-Get a quick introduction to AutoCAD -Drawing Setup in AutoCAD -Use precision drawing tools such as Grid, Object Snap, and Polar Tracking to create accurate measurements in drawings.	**3**	
2		-Get a quick introduction to AutoCAD -Drawing Setup in AutoCAD -Use precision drawing tools such as Grid, Object Snap, and Polar Tracking to create accurate measurements in drawings.	**3**	
3		-Get a quick introduction to AutoCAD -Drawing Setup in AutoCAD -Use precision drawing tools such as Grid, Object Snap, and Polar Tracking to create accurate measurements in drawings.	**3**	
4		Coordinate method (Direct distance method Absolute coordinate Relative coordinate Polar coordinate)	**3**	
5		Coordinate method (Direct distance method Absolute coordinate Relative coordinate Polar coordinate)	**3**	
6		Coordinate method (Direct distance method Absolute coordinate Relative coordinate Polar coordinate)	**3**	
7		Coordinate method (Direct distance method Absolute coordinate Relative coordinate Polar coordinate)	**3**	

8		Drawing Objects in AutoCAD (multiline ,construction line, polyline ray, helix)	**3**	
9		Drawing Objects in AutoCAD (multiline ,construction line, polyline ray, helix)	**3**	
10		Drawing polygon, donut, arc, circle Drawing ellipse, point, and spline.	**3**	
11		Drawing polygon, donut, arc, circle Drawing ellipse, point, and spline.	**3**	
12		Drawing polygon, donut, arc, circle Drawing ellipse, point, and spline.	**3**	
13		Modify menu (copy, move, mirror, array, offset, scale, rotate, erase, properties,…)	**3**	
14		Modify menu (copy, move, mirror, array, offset, scale, rotate, erase, properties,…)	**3**	
15		Modify menu (copy, move, mirror, array, offset, scale, rotate, erase, properties,…)	**3**	
16		Modify menu (copy, move, mirror, array, offset, scale, rotate, erase, properties,…)	**3**	
17		Properties and Layers in AutoCAD and dimension .	**3**	
18		Properties and Layers in AutoCAD and dimension .	**3**	
19		Introduction to 3D Modeling Exercises to convert 2d to 3d	**3**	
20		Introduction to 3D Modeling Exercises to convert 2d to 3d	**3**	
21		Introduction to 3D Modeling Exercises to convert 2d to 3d	**3**	
22		Using UCS in drawing	**3**	
23		Using UCS in drawing	**3**	
24		Drawing solid objects (Box, cone ,sphere ,cylinder, torus) Modifying solid objects	**3**	
25		Drawing solid objects (Box, cone ,sphere ,cylinder, torus) Modifying solid objects	**3**	
26		Drawing solid objects (Box, cone ,sphere ,cylinder, torus) Modifying solid objects	**3**	
27		Drawing surfaces objects 3d operation (Move, rotate, align, mirror)	**3**	
28		Drawing surfaces objects 3d operation (Move, rotate, align, mirror)	**3**	
29		Mesh editing Render and materials	**3**	
30		Mesh editing Render and materials	**3**	

Lecturer signature **Head of Department Signature**