TISHK INTERNATIONAL UNIVERSITY
FACULTY OF ENGINEERING
Department of ARCHITECTURE,
2021-2022 Fall
Course Information for ARCH 229 PERSPECTIVE DRAWINGS

Course Name:	PERSPECTIVE DRAWINGS

Code	Regular Semester	Theoretical	Practical	Credits	ECTS
ARCH 229	3	1	4	2	4

Name of Lecturer(s)-Academic Title:	Rawia Marwan - MSc
Teaching Assistant:	Maha Nahith
Course Language:	-
Course Type:	Main
Office Hours	-
Contact Email:	rawia.marwan@tiu.edu.iq Tel:07511191279
Teacher's academic profile:	Master Degree in Building Services Engineering, International Islamic University Malaysia
Course Objectives:	In this course, students will learn how to describe 3-dimensional volumes and spatial relationships on a 2-dimensional surface by means of lines that converge as they recede into the depth of a drawing. Perspective offers scenes of an optical reality. It depicts how a construction or environment might appear to the eye of an observer looking in a specific direction from a particular vantage point in space. Different types and methods of perspective construction will be practiced in this course
Course Description (Course overview):	Introduction to perspective systems and their use in the representation of three-dimensional forms. Instruction will be conducted through projected diagrams, lectures, and individual tutoring. The course covers: Linear Perspective, Geometric Tools and Perspective Methods, Perspective Measurements, Squares, Cubes and Circle, Sloping Planes and Stairs, one and Two Points Perspective Drawing from Observation, Perspective Views from Plans and Elevations, ...etc

COURSE CONTENT

Week	Hour	Date	Topic
1	1	4-7/10/2021	Getting started-Introduction to Perspective Drawing
2	1	10-14/10/2021	Two-points Perspective: General Method (Plan)
3	1	17-21/10/2021	Two-points Perspective: General Method (Drawing a Grid)
4	1	24-28/10/2021	Two-points Perspective: General Method (Elevation)
5	1	31/10-4/11/2021	Two-points Perspective: General Method (Inclined Surfaces)
6	1	7-11/11/2021	Two-points Perspective: General Method (Inclined Surfaces)
7	1	14-18/11/2021	Midterm Exam
8	1	21-25/11/2021	Midterm Exam
9	1	28/11-2/12/2021	Two-points Perspective: How to specify the Station Point
10	1	5-9/12/2021	Two-points Perspective: Measuring Method
11	1	12-16/12/2021	One-Point Perspective
12	1	19-23/12/2021	One-Point Perspective
13	1	26-30/12/2021	Shade & Shadow: In Isometric Drawings
14	1	2-5/1/2022	Shade & Shadow: In Perspective Drawing
15	1	9-13/1/2022	Final Exam
16	1	16-20/1/2022	Final Exam

COURSE/STUDENT LEARNING OUTCOMES

1	Student will be able to draw one-point perspective
2	Student will be able to draw two-point perspective
3	Student will be able to draw Shade and Shadow

COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES

(Blank : no contribution, I: Introduction, P: Profecient, A: Advanced)

	Program Learning Outcomes	**Cont.**
1	Be able to apply creative problem solving skills to architectural problem solving	A
2	Demonstrate knowledge of architectural history, theory, and practice in the solution of architectural design problems in a global society	P
3	Be able to utilize freehand drawing, architectural graphics, and model building skills in the solution of design problems	P
4	Be able to utilize the computer as a tool in a wide range of documentation and presentation applications, using CADD, 3-D visualization and rendering, electronic image composition and editing software	P
5	Be able to identify, formulate, and effectively communicate the critical issues involved in the solution of architectural design problems regarding other engineering professions.	P
6	The Ability to conceptualize and coordinate designs that addressing some of the most social, cultural, environmental, theoretical, economic, and technological aspects of architecture.	I
7	The ability to recognize the dialectic relationship between people and the built environment in a region and apply principles of sustainable design.	I
8	The ability to work collaboratively with various design teams involved in the building industry, and collaborate and negotiate with clients and consultants.	P

Prerequisites (Course Reading List and References):	Francis D. K. Ching, \\\"Architectural Graphics\\\", 6th Edition-Wiley & Sons, Inc., Hoboken, New Jersy, 2015. Jefferis Alan, \\\"Architectural Drafting & Design\\\", 6th Edition, Delmar Cengage Learning, 2011.
Student's obligation (Special Requirements):	Drawing Tools, such as; (T-square, Triangles, elastic curves, drawing pen) Sheet

Weekly Laboratory/Practice Plan:

Week	**Hour**	**Date**	**Topics**
1	3	4-7/10/2021	ting started-Introduction to Perspective Drawing
2	3	10-14/10/2021	Two-points Perspective: General Method (Plan)
3	3	17-21/10/2021	Two-points Perspective: General Method (Drawing a Grid)
4	3	24-28/10/2021	Two-points Perspective: General Method (Elevation)
5	3	31/10-4/11/2021	Two-points Perspective: General Method (Inclined Surfaces)
6	3	7-11/11/2021	Two-points Perspective: General Method (Inclined Surfaces)
7	3	14-18/11/2021	Two-points Perspective: General Method (Curves)
8	3	21-25/11/2021	Midterm Exam
9	3	28/11-2/12/2021	Two-points Perspective: How to specify the Station Point
10	3	5-9/12/2021	Two-points Perspective: Measuring Method
11	3	12-16/12/2021	One-Point Perspective
12	3	19-23/12/2021	One-Point Perspective
13	3	26-30/12/2021	Shade & Shadow: In Isometric Drawings
14	3	2-5/1/2022	Shade & Shadow: In Perspective Drawing
15	3	9-13/1/2022	Shade & Shadow: In Perspective Drawing
16	3	16-20/1/2022	Final Exam

Course Book/Textbook:	Francis D. K. Ching,"Architectural Graphics", 6th Edition-Wiley & Sons, Inc., Hoboken, New Jersy, 2015. Jefferis Alan,"Architectural Drafting & Design", 6th Edition, Delmar Cengage

	Learning, 2011
Other Course Materials/References:	Drawing Tools, such as; (T-square, Triangles, elastic curves, drawing pen) Sheet
Teaching Methods (Forms of Teaching):	Lectures, Project, Assignments, , ,

COURSE EVALUATION CRITERIA

Method	Quantity	Percentage (%)
Attendance	1	5
Quiz	1	5
Homework	5	5
Presentation	5	5
Final Exam	1	40
Total		**100**

Examinations:

Extra Notes:

ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD

Activities	Quantity	Workload Hours for 1 quantity*	Total Workload
Theoretical Hours	16	1	16
Practical Hours	16	4	32
Final Exam	1		
Attendance	1		0
Quiz	1		0
Homework	5		0
Presentation	5		0
Total Workload			**48**
ECTS Credit (Total workload/25)			**1.92**

Peer review

Signature:	Signature:	Signature:
Name:	Name:	Name:
Lecturer	Head of Department	Dean