

Course Description Form

1. Course Name: Engineering drawing					
2. Course Code: ENGD111					
3. Semester / Year: Autumn/ 2023-2024					
4. Description Preparation Date: 2023 -2024					
5. Available Attendance Forms: quarterly					
6. Number of Credit Hours (Total) / Number of Units (Total) 45 hours/1.5					
7. Course administrator's name (mention all, if more than one name)					
Name: Mariamme Mohammed Khalaf					
Email: mariamme.m @coagri.uobaghdad.edu.iq					
8. Course Objectives					
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"I taught the students of the first stage of engineering drawing to be familiar with the general foundations and principles of engineering drawing."					
9. Teaching and Learning Strategies					
By giving weekly lectures, displaying some visual explanations such as relevant scientific videos and images, and discussing them with the students.					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st	3	A general definition of engineering drawing and the scientific benefit of learning it	Why learn engineering drawing?	practical	Do daily assignments + daily test + participate in the classroom

2nd	3	Learn about the basic tools used in engineering drawing and how to use them correctly	Tools used in engineering drawing	practical	Do daily assignments + daily test + participate in the classroom
3rd	3	How to install the drawing board, create frame for the board, and install the data in geometric arrangement	Drawing board layout	practical	Do daily assignments + daily test + participate in the classroom
4th	3	Know how to write all letters in Kufic script	Geometric line	practical	Do daily assignments + daily test + participate in the classroom
5th	3	Knowing the types of fonts, their shapes, and their uses	types of lines	practical	Do daily assignments + daily test + participate in the classroom
6th	3	Install the panel correctly, drawing the frame and data table using engineering lines	A practical lesson on simplified drawing that explains the types of lines	practical	Do daily assignments + daily test + participate in the classroom

7th	3	Knowing the correct rules and measurements required to set dimensions	dimension	practical	Do daily assignments + daily test + participate in the classroom
8th	3	Knowing the correct rules and measurements required to set dimensions	A practical lesson explaining the placement of dimensions	practical	Do daily assignments + daily test + participate in the classroom
9th	3	Drawing geometric shapes using drawing tools without the need to perform mathematical operations	Engineering operations	practical	Do daily assignments + daily test + participate in the classroom
10th	3	Applying geometric operations within drawing shapes	A practical lesson explaining engineering processes	practical	Do daily assignments + daily test + participate in the classroom

11th	3	Applying geometric operations within drawing shapes	A practical lesson explaining engineering operations with dimensions	practical	Do daily assignments + daily test + participate in the classroom
12th	3	The engineering drawing should contain all the information necessary to describe the true shape and the drawing should give the true dimensions of the object	Engineering projections	practical	Do daily assignments + daily test + participate in the classroom
13th	3	Know how to Arrange projections on drawing paper	Arrangement of geometric projections	practical	Do daily assignments + daily test + participate in the classroom
14th	3	Arranging the three projections and giving comprehensive description of all dimensions of the shape	A practical lesson explaining geometric projections	practical	Do daily assignments + daily test + participate in the classroom
15th	3	Arranging the three projections and giving a comprehensive description of each dimension of the shape, including the dimensions	A practical lesson explaining geometric projections with dimensions	practical	Do daily assignments + daily test + participate in the classroom

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Engineering drawing book by Abdul Rasul Al-Khafaf
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	