



## Course Description Form

<b>1. Course Name:</b>	
Technical drawing	
<b>2. Course Code:</b>	
ENGD118	
<b>3. Semester / Year:</b>	
Fall / 2023–2024	
<b>4. Description Preparation Date:</b>	
1/2/2024	
<b>5. Available Attendance Forms:</b>	
In Class	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
45 hours / 1.5 units	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Khalid E. Ahmed	
<b>8. Course Objectives</b>	
Enabling the student to understand the basics of engineering drawing using tools and techniques, and knowing how to draw various shapes, and benefiting from drawing skills in other fields.	
<b>9. Teaching and Learning Strategies</b>	
<b>Strategy</b>	Interactive lecture/brainstorming/assigning class and homework assignments

week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method
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		<b>Outcomes</b>			
1	3practical	B3 learning how to prepare drawing paper	Fundamental of technical drawing	classwork	Homework
2	3practical	B3 Arcs and tangents	Arcs and tangents	classwork	Homework
3	3practical	B3 Arcs and tangents	Arcs and tangents	classwork	Homework
4	3practical	B3 Arcs and tangents	Arcs and tangents	classwork	Homework
5	3practical	B3 Arcs and tangents	Arcs and tangents	classwork	Homework
6	3practical	B3 Arcs and tangents	Arcs and tangents	classwork	Homework
7	3practical	B3 Three View drawing	orthographic projection	classwork	Homework
8	3practical	B3 Three View drawing	orthographic projection	classwork	Homework
9	3practical	B3 Three View drawing	orthographic projection	classwork	Homework
10	3practical	B3 Three View drawing	orthographic projection	classwork	Homework
11	3practical	B3 Isometric projection	Isometric projection	classwork	Homework
12	3practical	B3 Isometric projection	Isometric projection	classwork	Homework
13	3practical	B3 Isometric projection	Isometric projection	classwork	Homework
14	3practical	B3 Isometric projection	Isometric projection	classwork	Homework
15	3practical	B3 Isometric projection	Isometric projection	classwork	Homework

### 10. Course Evaluation

No.	Test type	date	grade	Rate
1	homework	For 2 week to 15 week	10	10%
2	classwork	For 2 week to 15 week	10	10%

3	Final examination	8 week	20	20%
4	Final term examination	Examination week	60	60%
total			100	100%

## 11. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Technical drawing for agricultural college student
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Narayana,K.L.;P. Kannaiah;K. Venka Reddy.(2006)Machine Drawing,third edition, Published by New Age International (P) Ltd., Publishers
Electronic References, Websites	

Course Lecturer

Khalid E.Ahmed





رئيس اللجنة العلمية: أ.د. نبيل محمد أمين الإمام  
رئيس القسم الهندسة: أ.د. أسماء محمد عادل

