TECHNICAL DRAWING

1	Course Title:	TECHNICAL DRAWING	
2	Course Code:	GMD2809	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç.Dr. NAZMİ İZLİ	
15	Course Lecturers:	Araş.Gör.Onur TAŞKIN	
16	Contact information of the Course Coordinator:	e-posta : nizli@uludag.edu.tr Telefon: 0 224 2941606 Adres: Uludağ Üniversitesi, Ziraat Fakültesi, Biyosistem Mühendisliği Bölümü, Görükle Kampüsü, 16059, Nilüfer/BURSA	
17	Website:		
18	Objective of the Course:	learning visual thinking of students, Gaining abilities on tecnical drawings by computer or draft of structure or machine component by visual analysis to some problems in self branches and reading to anyone of technical drawings	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Comprehending to usuful of technical drawing in professional branches
		2	To draw technical drawings of machine parts
		3	To draw cross-sectional view of machine parts
		4	Dimensioning technical drawings
		5	To be able to write according to the standards
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21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	Explain of course instruments and materials related to standards	Demonstration of instruments and materials

2	Explain of standard writing and lines	Standard writing study
3	Line choosing in technical drawing and demonstrate on sample drawings	Some drawings on samples for situation contact of one line to another one line
4	Explain of geometrical drawings	Drafting to geometrical drawings
5	Explain of geometrical drawings	Drafting to geometrical drawings
6	Explain of projection methods	Applying of Parellel perpendicular projection on component drawings
7	Explain of three appearances of perspective drawings	Drawing of three appearances of perspective drawings
8	Explain of three appearances of perspective drawings	Drawing of three appearances of perspective drawings
9	Repeating courses and midterm exam	Completion to face of component as related to geometrical drawing
10	Explanation of rules on dimensions related to sample components	Ways of dimensioning according to technical drawing rules on samples
11	Explanation to reasons of drawing cross-section view and giving of sample parts on full cross-section views	Drawing full cross section view of empty component as a interior
12	Explanation of kinds of cross-section views by using different components	Drawing cross-section view as gradual
13	Explanation of ways of apply on cross-section view for construction of machine and structures	Applying cross-section view as partly on face of large structures
14	Explanation on view completion	Drawing of third view on samples of component

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	2.00	28.00
Homeworks	6	2.00	12.00
Projects	5	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	25.00	25.00
Total Work Load			122.00
Total work load/ 30 hr			4.07
ECTS Credit of the Course			4.00

TERM LEARNING ACTIVITIES	**NUMBE**	**WEIGHT**
Midterm Exam	1	20.00
Home work-project	6	20.00
Final Exam	1	60.00
Total	8	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	**ECTS / WORK LOAD TABLE**

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	**PQ2**	**PQ3**	**PQ4**	**PQ5**	**PQ6**	**PQ7**	**PQ8**	**PQ9**	**PQ10**	**PQ11**	**PQ12**	**PQ13**	**PQ14**	**PQ15**	**PQ16**
ÖK1	4	4	3	3	4	4	4	5	5	5	4	0	0	0	0	0
ÖK2	4	3	4	4	3	4	5	4	3	3	3	0	0	0	0	0
ÖK3	4	4	5	4	4	3	4	3	4	5	5	0	0	0	0	0
ÖK4	3	4	4	3	4	4	4	4	4	3	3	0	0	0	0	0
ÖK5	4	4	3	4	5	4	4	4	3	4	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**		**2 low**			**3 Medium**			**4 High**			**5 Very High**				