

# CAD IN MANUFACTURING

1	Course Title:	CAD IN MANUFACTURING
2	Course Code:	EIM5003
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	6.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Yahya Işık
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	yahya@uludag.edu.tr tel:02242941919
17	Website:	
18	Objective of the Course:	In an industrial design for manufacturing, to determine the design criteria, to determine the material selection criteria for the design, to use any CAD program for modeling in the computer environment, to perform the analysis in accordance with the manufacturing.
19	Contribution of the Course to Professional Development:	In an industrial design for manufacturing, to determine the design criteria, to use any CAD program for modeling in the computer environment and to perform the analysis in accordance with the manufacturing
20	Learning Outcomes:	
	1	To be able to realize the design for manufacturing and to use CAD programs, which are widely used abroad, in line with professional knowledge and at a level that can provide communication.
	2	To learn about analysis programs.
	3	To have the knowledge to design based on manufacturing methods.
	4	To have knowledge about modeling, solid and surface applications, material and manufacturing method selection in design programs.
	5	To have the knowledge to apply a design program within the scope of professional knowledge.
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	Definition of the design concept	



ÖK5	3	4	5	5	4	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives   PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							