

INTRODUCTION TO ENGINEERING ECONOMICS

1	Course Title:	INTRODUCTION TO ENGINEERING ECONOMICS	
2	Course Code:	END3072	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
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:	Doç.Dr. TURAN ARSLAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	arsltur@uludag.edu.tr 0 224 294 2639	
17	Website:	http://insaat.uludag.edu.tr/	
18	Objective of the Course:	To introduce the general principles of engineering economics and the application of economic analysis techniques for analyzing the economics of alternatives considering costs and benefits of civil engineering projects	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Be able to understand the basic principles of economy
		2	Be able to understand the basic concepts of engineering economics
		3	Be able to define and present projects' costs and benefits on a cash flow diagram
		4	Be able to compare projects using economic analysis techniques
		5	Be able to prepare the feasibility report
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21	Course Content:		
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Week	Theoretical	Practice	
1	Importance of Engineering Economy and Basic Concepts		
2	Costs-Benefits Concepts		
3	Time Value of Money		
4	Cash Flow Diagram		

ÖK5	3	0	0	0	0	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							