

## MARMARA UNIVERSITY - FACULTY OF ENGINEERING 2017-2018 Fall

## ECON2004 Engineering Economy

## COURSE DESCRIPTION FORM

Offering Departr	Department of Computer Engineering Undergraduate must course											
Course Code	ECON2004											
Course Name	Engineering Economy											
Language of Instruction		English	English									
ECTS	4											
Contact Hours		Theoret	ical (T): 2		Practice (U)	: 0			Labora	tory(L): 0		
Pre-requisites		-										
Instructor Course Materials		Name		Arif Orçun SÖYLEMEZ								
		E-mail		orcun.soylemez@marmara.edu.tr								
		Mandatory		Engineering Economy, William G. Sullivan, Elin M. Wicks, James T. Luxhoj, Prentice Hall Company. Any edition will do.								
		To give basic infor		mation about analyzering according manatory policies and management at								
Course Objectives		Introduction to oconomic policion in the world, control honks, manager to the world and money markets										
Course Content		Introduction to economy, economic policies in the world, central banks, money markets and exchanges.										
		Calcula										
			Coink		management							
Learning Outcomes		LU3	Gairi K Coin k	Cain knowledge about money now and management.								
		LO4	Gain K	nowledge ab	out investment plant	ing.						
		LO5	Gain k	nowledge ab	out money markets	and exchanges.						
		LO6	LO6 Gain knowledge about engineering economy.									
								T				
Program Outcon	nes	· •				LO1	LO2	LO3	LO4	LO5	LO6	
PO10		Informa manage manage and inno	tion on bus ment, risk ment (a); a ovation (b) ment (c)	siness practic managemen awareness of ; Information	es such as project t and change entrepreneurship on sustainable	а	а	а	а	а	а	
Subjects	No	Week	Subjects			1.01	1.02	1.03	1.04	1.05	1.06	
(Knowledge,	K1	1	Introduct	Introduction to engineering economics			MF	MF	MF	MF	MF	
Skills and	K2	2-3	Cost con	Cost concepts			MF	MF	MF	MF	MF	
Behaviours),	K3	4	Economic cash flow			MF	MF	MF	MF	MF	MF	
O su talla si	K4	5	Technia	les of cost ca	lculation	MF	MF	MF	MF	MF	MF	
of Subjects to	K5	6-8	Relation of money and time			MF	MF	MF	MF	MF	MF	
Learning	Ke	0.10	Compari	ng alternative	is.	MF	MF	MF	MF	MF	MF	
Outcomes,		11	Depreciation			MF	MF	MF	MF	MF	MF	
		10		av		ME	ME	ME	ME	ME	ME	
Assessment	KO	12 14	Price ch	andes and exchange rates		ME	ME	ME	ME	ME	ME	
wethous	КЭ	13-14 Plice Ch		inges and exchange rates.		1011		1011	1111	1111	1111	
	No	Type		Weight	Implementation	Rule		Make-ı	un Rule			<u>.</u>
Assessment Methods and Weights	MF	Midterm-Final		100%	At the time of the exam, books and all course materials are closed for use. Use of a calculator or any			When a medical report or letter of appointment in accordance with the university procedure is submitted, a make-up exam is given for a				
					calculation de allowed.	evices are not		maximum of one midterm exam.				
	Q	Quiz										
	н	Homeworks										
	Ρ	Projects		-	-							
	R	Reports										
	P	Presentation										
	Α	Attendance										
	L	Class/ Laboratory/ Field Work										
				100%	<u> </u>							
				10070								

Determining Letter Grades	<ul> <li>The letter grades will be determined based on one midterm and one final exam.</li> <li>In order to pass the course, the final score and the total average score of the student must be at least 50.</li> </ul>									
	A	ssessment	Midterm	Final	TOTAL					
	Weight		40 60		100					
Teaching Method, Student Work Load	Time	Applied by the Instru	uctor							
	No	Method	Explanation	Hours						
	1	Lectures	Lectures are giv questions are so	14x2=28						
	2	Problem Session/ Practice	Problems related							
	3	Laboratory	Experiments are during the lectur							
	4	Interactive Courses	Questions are as guess the answe							
	5	Field Work	Students attend							
	6	Midterm	Midterm exam is	2						
	7	Final	Final exam is give	2						
	Estimated Time to be Allocated by a Student									
	8 Projects		The students ca design and imple							
	9	Homeworks	The students so							
	Pre-class learnir10of CourseMaterial		The students stu	14x2=28						
	11	Review of Course Material	Students review the exams and h	30						
	12	Office Hour	Students ask qu	2						
	тоти	92								
Academic Honesty	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.									
	student zero for the homework(s)/lab(s)/exam(s), give the letter grade FF, or may take disciplinary action.									