



ESOGÜ Turizm Fakültesi Ders Bilgi Formu

TERM	Spring
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COURSE CODE	271116033	COURSE NAME	Business Mathematics
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SEMESTER	WEEKLY COURSE HOURS			COURSE			
	Theoretical	Practice	Laboratory	CREDITS	ECTS	TYPE	LANGUAGE
VI	2	0	0	2	4	CORE () ELECTIVE (x)	Türkçe
COURSE CATEGORY							
Supportive Courses	Basic Vocational	Proficiency/Field	Human, Communication, and Management Skills	Transferable Skills			
		X					
ASSESSMENT CRITERIAS							
DURING TERM	Activity		Number	Percentage (%)			
	I. Mid-Term		1	40			
	II. Mid-Term						
	Quiz						
	Homework						
	Project						
	Report						
Other (.....)							
FINAL EXAM			1	60			
PREREQUISITE(S) (IF ANY)		-					
COURSE CONTENT		Mathematics knowledge, numbers, equations and business mathematics at the level of tourism sector.					
COURSE OBJECTIVES		The aim of this course is to provide students with the ability of analytical thinking and to contribute to solving and interpreting the problems they may encounter in life or tourism sector in this way.					
CONTRIBUTION OF THE COURSE TO THE VOCATIONAL TRAINING		It will provide students with basic math knowledge and analytical thinking skills to meet the needs of qualified personnel and managers of the tourism sector.					
COURSE OUTCOMES		<ul style="list-style-type: none">• The students gain the basic mathematical knowledge• The analytical thinking ability• Abstract thinking ability• Gaining model solving and interpretation skills					
TEXTBOOK(S)		Kobu, B. (2011). İşletme Matematiği. İstanbul: Beta Yayıncılık Önalın, Ö. (2010). İşletme Matematiği. İstanbul: Avcıol Basım Yayın					

SUPPORTIVE RESOURCES	It is shared the slides and videos via DYS.
EQUIPMENTS REQUIRED	-

COURSE OUTLINE	
WEEK	SUBJECTS / TOPICS
1	Introduction to Mathematics
2	Numbers
3	Exponent and rooted numbers
4	Factoring and identities
5	Set up and solve equations
6	Relation and function
7	Types of functions
8	Business applications
9	Business applications
10	Finance mathematics
11	Finance mathematics
12	Limit
13	Continuity
14	Derivative
15,16	Final Exam

NO	OUTCOMES	3	2	1
1	To understand the terms and concepts this related with tourism and hotel management.			X
2	To be able to plan the process of investment of a new established tourism company.	X		
3	To be able to manage companies to be established in the areas of tourism.	X		
4	To understand local, national and international dimension of management in tourism administration.			X
5	To evaluate the concepts, ideas and data by using scientific methods.	X		
6	To be able to use information and communication technologies with computer at a level which tourism sector requires.			X
7	To understand the sectoral conditions at a level they can cope with the constant fluctuations depending on the flexible demands in the area of tourism management.	X		
8	To be expertise at a special area of a tourism company (the services of front office, housekeeping, sales and marketing etc.)and hotel management			X
9	To be able to research scientific knowledge about tourism and hotel management.		X	
10	To be able to understand and comment the new trends about tourism industry.		X	
11	To have sufficient knowledge and consciousness of the subjects concerning society (the protection of natural and cultural environment)			X
12	To define the source of the problems in the field by using critical thinking.	X		
13	To have verbal and written communication skills in Turkish base on tourism sector.			X
14	To have verbal and written communication skills in at least one, by choice two foreign languages.			X
15	To be able to communicate by empathy with the managers of companies, customers and employees.			X
1: Never 2: Few 3: Many				

Instructor Name :