COMMERCIAL MATHEMATICS

1	Course Title:	COMMERCIAL MATHEMATICS
2	Course Code:	OSPZ049
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	NOT
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. HATİCE BİÇEN YILMAZ
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Öğr. Gör.Hatice Biçen Yılmaz hbyilmaz@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To solve the mathematical problems in the business life and also to interpret numerical values during the desicion making prosces
19	Contribution of the Course to Professional Development:	Being able to make calculations in business life
20	Learning Outcomes:	
	1	To be able to solve the decimal, percentage problems
	2	To be able to solve rate and ratio problems
	3	To be able to solve the cost, sales price , profit and lose problems
	4	To be able to solve the basic interest problems
	5	To be able to solve the compound interest problems
	6	To be able to solve the terminal interest problems
	7	To be able to solve the discount problems
	8	To be able to solve the bond changing problems
	9	To be able to solve the alloy problems
	10	To be able to solve the miksing problems
21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Decimal , percentage calculates	
2	Rate and ratio calculates	
3	Cost, sales price, frofit, lose calculates	
4	Cost, sales price, frofit, lose calculates	
5	Basic interest calculates	
6	Invest at interest calculates	

7	Repeating courses and midterm exam	
8	compound interest calculates	
9	terminal interest calculates	
10	alloy calculates	
11	mixture calculates	
12	basic discound calculates	
13	compound discound calculates	
14	Bonds exchange calculates	

22	Textbooks, References and/or Other Materials:	Sıdıka PARLAK; Ticari Matematik, Bursa, 2011, Ekin Yayınevi
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	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		The lectures are evaluated with classic or test questions in the exam.

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	12	3.00	36.00
Homeworks	1	1.00	1.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	14.00	14.00
Others	14	1.00	14.00
Final Exams	1	14.00	14.00
Total Work Load			135.00
Total work load/ 30 hr			4.03
ECTS Credit of the Course			4.00

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	2	1	1	1	1	3	3	1	1	1	1	3	0	0	0	0

ÖK2	2	1	1	1	1	3	3	1	1	1	1	3	0	0	0	0
ÖK3	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK4	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK5	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK6	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK7	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK8	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK9	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
ÖK10	2	0	0	0	0	3	3	0	0	0	0	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	**1 very low**			**2 low**			**3 Medium**			**4 High**			**5 Very High**			