

ACCOUNTING AND FINANCE FOR ENGINEERS

1	Course Title:	ACCOUNTING AND FINANCE FOR ENGINEERS	
2	Course Code:	END5541	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	7.50	
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:	CENAP ALİ GENÇOĞLU	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:		
17	Website:		
18	Objective of the Course:	To give information to students about the logic of basic accounting, accounting books, financial statements, corporate finance, functions of corporate finance, financial markets and financial assets; and to improve students' ability of interpretation and analysis on these topics.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Understand the basic accounting concepts and technical structure of accounting
		2	Understand the accounting process and the importance of accounting books and documents
		3	Have skill about analyzing and interpreting financial statements
		4	Understand functions of financial management in the enterprises
		5	To be able to provide solutions for the financial problems of the enterprises
		6	Have knowledge about mechanisms of financial markets, have ability of analyzing and interpreting the financial developments
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		10	
21	Course Content:		
	Course Content:		
Week	Theoretical	Practice	
1	Basic Accounting Concepts and Basic Accounting Equation		

2	Account concepts and accounting books	
3	Financial statements	
4	Analysis of financial statements	
5	Functions of corporate finance and financial goals of the firms	
6	Time value of money	
7	Financial planning	
8	Sources of short-term financing	
9	Sources of middle-term and long-term financing	
10	Cost of capital and capital structure	
11	Working capital management	
12	Capital Budgeting	
13	Financial markets	
14	Financial assets	

22	Textbooks, References and/or Other Materials:	1. Richard A. Brealey, Stewart C. Meyers ve Franklin Allen, Principles of Corporate Finance, Second Edition, McGraw-Hill, New York, 2011. 2. Lawrence J. Gitman, Principles of Managerial Finance,
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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		20	0.00	0.00
Homeworks		1	40.00	40.00
Projects		0	0.00	0.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
Field Studies		0	0.00	0.00
Midterm Exams	1	30	60.00	60.00
Others		0	0.00	0.00
Homeworks project	1	20	83.00	83.00
Total Work Load				225.00
Total work load/ 30 hr		3	100.00	7.50
ECTS Credit of the Course				7.50
Success Grade				
Contribution of Final Exam to Success Grade		50.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

24	ECTS / WORK LOAD TABLE
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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	0	0	0	0	0	5	0	0	3	0	0	0	0	0	0	0

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