

**OSTİM TECHNICAL UNIVERSITY
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES
DEPARTMENT OF BUSINESS ADMINISTRATION
COURSE SYLLABUS FORM**

BUS 304 Cost Accounting							
Course Name	Course Code	Period	Hours	Application	Laboratory	Credit	ECTS
Cost Accounting	BUS 304	1	3			3	5

Language of Instruction	English
Course Status	Compulsory
Course Level	Bachelor
Learning and Teaching Techniques of the Course	Lecture, Question-Answer, Problem Solving, Teamwork, Report Writing

Course Objective
<p>This course examines the concepts and procedures underlying the development of a cost accounting system for managerial decisions, control, and performance reporting. The aim of this course; production cost calculation, planning and to inform students about cost accounting, which is the branch of accounting that produces information used for purposes such as budgeting, monitoring activities, cost control and helping management decisions. Topics include cost measurement and cost control; cost-volume-profit analysis; job costing; activitybased costing; tools for planning and control; master budgeting and responsibility accounting; flexible budgeting and variance analysis; management control systems; inventory costing, management, and capacity analysis; cost information for decision making; relevant information; pricing decisions; cost management; strategic profitability analysis; cost allocation and revenues; measurement and control of overhead costs; and revenues and sales variances.</p>

Learning Outcomes
<p>On successful completion of this course, candidates should be able to:</p> <ul style="list-style-type: none"> • To learn the way managers use accounting information to create value in organizations. • To learn basic cost behaviors, including fixed, variable, semi variable, and step costs. • To have incorporate taxes, multiple products, and alternative cost structures into the CVP analysis. • To understand the reasons for estimating fixed and variable costs. • To describe the three basic types of product costing systems: job order, process, and operations. • To apply activity-based costing to marketing and administrative services. • To explain budgeting in merchandising and service organizations.

Course Outline		
<p>Demonstrate basic knowledge of cost accounting concepts. Evaluated by examination. Identify difficulties associated with assigning costs to units of product produced and/or sold. Demonstrate how costs flow through inventory accounts to the income statement. Determine balances of financial statement accounts associated with inventory/production costs and cost of goods sold, using a variety of methods. Apply appropriate product costing methods in various production and merchandising environments. Prepare simple budgets and explain the role of budgeting. Measure and explain variation from budgeted costs and revenue.</p>		
Weekly Topics and Related Preparation Studies		
Weeks	Topics	Preparation Studies
1	Cost Accounting: Information for Decision-Making (Lanen, Anderson and Maher, Chap.1)	<ul style="list-style-type: none"> – Value Creation in Organizations – Accounting Systems – Cost Data for Managerial Decisions – Trends in Cost Accounting throughout the Value Chain – Cost Accounting and Other Business Disciplines
2	Cost Concepts and Behavior (Lanen, Anderson and Maher, Chaps.2)	<ul style="list-style-type: none"> – Presentation of Costs in Financial Statements – Cost Allocation – Details of Manufacturing Cost Flows – How to Make Cost Information More Useful for Managers
3	Fundamentals of Cost-Volume-Profit Analysis (Lanen, Anderson and Maher, Chaps.3)	<ul style="list-style-type: none"> – CVP Analysis with Spreadsheets – Extensions of the CVP Model
4-5	Fundamentals of Cost Analysis for Decision Making (Lanen, Anderson and Maher, Chap.4)	<ul style="list-style-type: none"> – Differential Analysis – Legal Issues Relating to Costs and Sales Prices – Use of Differential Analysis for Production Decisions
6-7	Cost Estimation (Lanen, Anderson and Maher, Chaps.5)	<ul style="list-style-type: none"> – Why Estimate Costs? – Basic Cost Behavior Patterns – What Methods Are Used to Estimate Cost Behavior? – How Is an Estimation Method Chosen?
8	MIDTERM EXAM	
9	Fundamentals of Product and Service Costing (Lanen, Anderson and Maher, Chap.6)	<ul style="list-style-type: none"> – Cost Management Systems – Fundamental Themes Underlying the Design of Cost Systems for

		<p>Managerial Purposes</p> <ul style="list-style-type: none"> – Costing in a Single Product, Continuous Process Industry – Costing in a Multiple Product, Discrete Process Industry – Multiple Allocation Bases and Two-Stage Systems
10	<p>Job Costing (Lanen, Anderson and Maher, Chap.7)</p>	<ul style="list-style-type: none"> – Defining a Job – Using Accounting Records in a Job Shop – Computing the Cost of a Job – Using Job Costing in Service Organizations – Ethical Issues and Job Costing
11	<p>Activity-Based Costing (Lanen, Anderson and Maher, Chap.9)</p>	<ul style="list-style-type: none"> – Reported Product Costs and Decision Making – Two-Stage Cost Allocation – Activity-Based Costing – Cost Hierarchies – Activity-Based Costing Illustrated – Activity-Based Costing in Administration
12	<p>Fundamentals of Management Control Systems (Lanen, Anderson and Maher, Chap.12)</p>	<ul style="list-style-type: none"> – Why a Management Control System? – Framework for Evaluating Management Control Systems – Measuring Performance – Evaluating Performance
13	<p>Planning and Budgeting (Lanen, Anderson and Maher, Chap.13)</p>	<ul style="list-style-type: none"> – How Strategic Planning Increases Competitiveness – Overall Plan
14	<p>Variance Analysis (Lanen, Anderson and Maher, Chaps.16)</p>	<ul style="list-style-type: none"> – Human Element in Budgeting – Where to Start? – Marketing and Administrative Budget – Planning for the Assets and Liabilities on the Budgeted Balance Sheets – Budgeting in Retail and Wholesale Organizations – Budgeting in Service Organizations
15	<p>Fundamentals of Product and Service Costing (Lanen, Anderson and Maher, Chap.6)</p>	<ul style="list-style-type: none"> – Cost Management Systems – Fundamental Themes Underlying the Design of Cost Systems for Managerial Purposes

		<ul style="list-style-type: none"> – Costing in a Single Product, Continuous Process Industry – Costing in a Multiple Product, Discrete Process Industry – Multiple Allocation Bases and Two-Stage Systems
16	FINAL EXAM	

Textbook (s)/References/Materials:	
Textbook:	W. Lanen, S. Anderson and M. Maher, Fundamentals of Cost Accounting; 4 th Edition.
Supplementary References:	C. T. Horngren , S. M. Datar , M. Rajan, Cost Accounting a Managerial Emphasis, Fourteenth Edition, Prentice Hall.

Assessment		
Studies	Number	Contribution margin (%)
Attendance		
Lab		
Classroom and application performance grade	1	20
Field Study		
Course-Specific Internship (if any)		
Quizzes / Studio / Critical		
Homework		
Presentation		
Projects		
Report		
Seminar		
Midterm Exam/Midterm Jury	1	30
General Exam / Final Jury	1	50
Total		100
Success Grade Contribution of Semester Studies		50
Success Grade Contribution of End of Term		50
Total		100

ECTS / Workload Table			
Activities	Number	Duration (Hours)	Total Workload
Course hours (Including the exam week: 16 x total course hours)	16	3	48
Laboratory			
Application			
Course-Specific Internship			
Field Study			
Study Time Out of Class	16	3	48
Presentation / Seminar Preparation			
Projects			
Reports			
Homework	4	4	16
Quizzes / Studio Review			
Preparation Time for Midterm Exam / Midterm Jury	1	4	4
Preparation Period for the Final Exam / General Jury	1	4	4
Total Workload/25 hours	(120/25 = 4.8)		
ECTS	5		

Relationship Between Course Learning Outcomes and Program Competencies

No	Learning Outcomes	Contribution Level				
		1	2	3	4	5
L01	To learn the way managers use accounting information to create value in organizations.					X
L02	To learn basic cost behaviors, including fixed, variable, semi variable, and step costs.					X
L03	To have incorporate taxes, multiple products, and alternative cost structures into the CVP analysis.					X
L04	To understand the reasons for estimating fixed and variable costs.					X
L05	To describe the three basic types of product costing systems: job order, process, and operations.					X
L06	To apply activity-based costing to marketing and administrative services.					X
L07	To explain budgeting in merchandising and service organizations.					X

Relationship Between Course Learning Outcomes and Program Competencies								
No	Program Competencies	Learning Outcomes						
		LO1	LO2	LO3	LO4	LO5	LO6	LO7
1	Know the basic concepts and practical information about the science of business administration and core business activities	X	X		X	X		X
2	Evaluate global and local issues by using ideas and concepts from the field of business administration; examine and analyze management related information and applications in line with scientific principles by using appropriate qualitative and quantitative methods; interpret and synthesise the data and find solutions to business related problems	X		X	X		X	X
3	Take responsibility as a member of an interdisciplinary team to solve unpredictable and complex business problems; be able to work effectively in teams of various functions and disciplines; effectively carry out project activities	X	X	X		X		X
4	Carry out independent studies in the field by utilizing obtained knowledge and skills	X		X		X		X
5	Set goals and objectives for the institution he/she works at; detect and solve basic problems; analyze the internal and external environment of the business; evaluate the developments, support continuous improvement and provide innovative strategies	X	X		X		X	X
6	Acquire the skill to manage activities aimed at the improvement of the employees as a leader, make decisions and implement them	X	X	X		X	X	
7	Acquire the entrepreneurship skill; design and manage a business; promote innovativeness and sustainability	X	X	X		X		X
8	Maintain life-long learning activities; achieve self-improvement; follow higher level educational programs	X	X				X	
9	Inform stakeholders with a sense of social responsibility as an individual with effective communication skills; share his/her emotions, thoughts and solutions to problems verbally and in writing; understand the behaviors and psychology of his/her colleagues	X		X	X	X	X	
10	Use the information and communication technologies and computer software	X	X		X	X		X

	required by the field							
11	Effectively use English to follow, read, write and speak about the universal information in the field of business and management sciences and be able to communicate with colleagues in a foreign language with professional proficiency	X	X	X	X	X		5
12	Act according to the law in all his/her affairs; have a sense of professional and ethical responsibility and code of business conduct and act in line with social values	X	X		X		X	5
13	Be aware of the contemporary business problems as well as the interdisciplinary scope of business administration and analyze these; have the competence to understand the effects of business and management sciences on these problems on a universal, environmental, legal, social and societal level and in terms of health, security and globalization	X	X		X		X	5
14	Give research proposals, be able to design research studies, prepare and present research reports	X		X		X	X	5
15	Manage work time and personal time; fulfil the requirements of his/her duties on time	X	X		X			3
16	Have the competence to work in non-governmental organizations, private sector and public entities	X	X		X		X	5
Total Effect								75

Policies and Procedures	
Web page:	https://www.ostimteknik.edu.tr/business-administration-1240/907
Exams:	The exams aim at assessing various dimensions of learning: knowledge of concepts and theories and the ability to apply this knowledge to real-world phenomena, through analyzing the situation, distinguishing problems, and suggesting solutions. The written exams can be of two types, ie. open-ended questions, which can also be in the form of problems or multiple-choice questions. The case could also be carried to the Dean's Office for additional disciplinary action.
Assignments:	Quizzes and Homework (Assignments) might be applicable. Scientific Research Ethics Rules are very important while preparing assignments. The students should be careful about citing any material used from outside sources and reference them appropriately.
Missed exams:	Any student missing an exam needs to bring an official medical report to be able to take a make-up exam. The medical report must be from a state hospital.
Projects:	Not applicable.
Attendance:	Attendance requirements are announced at the beginning of the term. Students are usually expected to attend at least 70% of the classes during each term.
Objections:	If the student observes a material error in his/her grade, he/she has the right to place an objection to the Faculty or the Department. The claim is examined and the student is notified about its outcome.