

**OSTİM TECHNICAL UNIVERSITY  
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES**

**COURSE SYLLABUS FORM  
2022-2023 SPRING**

| <b>BUS404<br/>Managerial Accounting</b> |                    |               |              |                    |                   |               |             |
|---|--------------------|---------------|--------------|--------------------|-------------------|---------------|-------------|
| <b>Course Name</b>                      | <b>Course Code</b> | <b>Period</b> | <b>Hours</b> | <b>Application</b> | <b>Laboratory</b> | <b>Credit</b> | <b>ECTS</b> |
| Managerial Accounting                   | BUS 404            | 4             | 3            |                    |                   | 3             | 5           |

|   |   |
|---|---|
| <b>Language of Instruction</b>                        | English   |
| <b>Course Status</b>                                  | Compulsory  |
| <b>Course Level</b>                                   | Bachelor  |
| <b>Learning and Teaching Techniques of the Course</b> | Lecture, Question-Answer, Problem Solving, Teamwork |

| <b>Course Objective</b>  |
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| The overall objective of this course is to provide a framework within which students can develop an understanding of the determinants and uses of accounting data to aid management in its planning, organizing, and controlling functions. The course is designed to familiarize students with managerial accounting and cost accounting applications and concepts. |

| <b>Learning Outcomes</b>  |
|---|
| <p>On successful completion of this course, candidates should be able to:</p> <ul style="list-style-type: none"> <li>• Explain how cost information is used in decisions by managers</li> <li>• Describe the basic contents of management accounting</li> <li>• Analyze business transactions in terms of their effect on the costs and operational items</li> <li>• Understand and use basic management accounting terminology</li> <li>• Analyze and interpret management accounting reports that provide both objective measures of past operations and subjective estimates about future decisions</li> <li>• Analyze and interpret cost behavior</li> <li>• Understand various cost systems</li> </ul> |

| <b>Course Outline</b>                                |  |   |
|--|--|---|
| <b>Weekly Topics and Related Preparation Studies</b> |  |   |
| <b>Weeks</b>   | <b>Topics</b>                                    | <b>Preparation Studies</b>  |
| 1  | Introduction to Managerial Accounting            | -Difference Between Managerial and Financial Accounting   |
| 2  | An Introduction to Cost Terms and Purposes       | -Cost Components (Manufacturing Costs, Product and Period Costs)<br>-Manufacturing Cost in Financial Statements                     |
| 3  | Job Costing                                      | -Fundamentals of Job Costing  |
| 4  | Process Costing                                  | -Fundamentals of Process Costing  |
| 5  | Activity-Based Costing                           | -Fundamentals of Activity-Based Costing   |
| 6  | Determining How Costs Behave                     | -Cost Behaviour Analysis  |
| 7  | Determining How Costs Behave                     | -Cost Behaviour Analysis  |
| <b>8</b>   | <b>MIDTERM EXAM</b>                              |   |
| 8  | Cost-Volume-Profit Analysis                      | -Break Even, Target Income, Contribution Margin, Margin of Safety, Profit Function  |
| 9  | Budgeting Basics and Preparing Operating Budgets | -Fundamentals of Budgeting, Operating Budgets   |
| 10   | Preparing Operating Budgets and Cash Budget      | -Operating Budgets and Cash Budget  |
| 11   | Relevant information for decision making         | -Accept an Order at a Specific Price, Make or Buy, Sell or Process Further, Retain or Replace Equipment, Allocate Limited Resources |
| 12   | Capital Investment Decisions                     | -Capital budgeting (NPV, IRR, Cash Payback)   |
| 13   | Budgetary Control and Responsibility Accounting  | -Static Budgets and Flexible Budgets  |
| 14   | Cost Variances                                   | -Standard Costs and Variances   |
| 15   | Cost Variances                                   | -Standard Costs and Variances   |
| <b>16</b>  | <b>FINAL EXAM</b>                                |   |

**Textbook (s)/References/Materials:**

**TEXTBOOK/S:**

- Bhimani, Datar, Horngren & Rajan, (2019), Management and Cost Accounting 7th edition, Pearson.
- Weygandt, J.J., Kimmel, P. D. and Kieso, D. E. (2015). Accounting Principles, 12th Edition, John Wiley & Sons, Inc. (Chapters 22-23)
- Walther, L. M., & Skousen, C. J. (2009). Managerial and Cost Accounting. Bookboon.

| <b>Assessment</b>                                     |               |                                |
|---|---------------|--------------------------------|
| <b>Studies</b>  | <b>Number</b> | <b>Contribution margin (%)</b> |
| Attendance  |               |                                |
| Lab   |               |                                |
| Classroom and application performance grade           | <b>1</b>      | <b>10</b>                      |
| Field Study   |               |                                |
| Course-Specific Internship (if any)                   |               |                                |
| Quizzes / Studio / Critical                           |               |                                |
| Homework  |               |                                |
| Presentation  |               |                                |
| Projects  |               |                                |
| Report  |               |                                |
| Seminar   |               |                                |
| <b>Midterm Exam/Midterm Jury</b>                      | <b>1</b>      | <b>40</b>                      |
| <b>General Exam / Final Jury</b>                      | <b>1</b>      | <b>60</b>                      |
|   | <b>Total</b>  | <b>100</b>                     |
| <b>Success Grade Contribution of Semester Studies</b> |               | <b>40</b>                      |
| <b>Success Grade Contribution of End of Term</b>      |               | <b>60</b>                      |
|   | <b>Total</b>  | <b>100</b>                     |

| <b>ECTS / Workload Table</b>                                    |                        |                         |                       |
|---|------------------------|-------------------------|-----------------------|
| <b>Activities</b>   | <b>Number</b>          | <b>Duration (Hours)</b> | <b>Total Workload</b> |
| 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  |                        |                         |                       |
| Quizzes / Studio Review   |                        |                         |                       |
| Preparation Time for Midterm Exam / Midterm Jury                | 1                      | 15                      | 15                    |
| Preparation Period for the Final Exam / General Jury            | 1                      | 20                      | 20                    |
| <b>Total Workload/25 hours</b>                                  | <b>(131/25 = 5.24)</b> |                         |                       |
| <b>ECTS</b>   | <b>5</b>               |                         |                       |

### **Relationship Between Course Learning Outcomes and Program Competencies**

| <b>No</b>  | <b>Learning Outcomes</b>   | <b>Contribution Level</b> |          |          |          |          |
|------------|--|---------------------------|----------|----------|----------|----------|
|            |  | <b>1</b>                  | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> |
| <b>L01</b> | To understand how management accountants help firms make strategic decisions                               |                           |          |          |          | X        |
| <b>L02</b> | To understand various methods of cost estimation   |                           |          |          |          | X        |
| <b>L03</b> | To understand the cost-hierarchy-based operating income statement  |                           |          |          |          | X        |
| <b>L04</b> | To learn activity-based costing systems are used in activity-based management                              |                           |          |          |          | X        |
| <b>L05</b> | To understand how absorption costing can provide undesirable incentives for managers to build up inventory |                           |          |          |          | X        |
| <b>L06</b> | To explain the opportunity-cost concept and why it is used in decision making                              |                           |          |          |          | X        |
| <b>L07</b> | To understand how companies make short-run/long-run pricing decisions                                      |                           |          |          |          | X        |

| Relationship Between Course Learning Outcomes and Program Competencies |  |                   |     |     |     |     |     |                    |     |
|--|--|-------------------|-----|-----|-----|-----|-----|--------------------|-----|
| No   | Program Competencies   | Learning Outcomes |     |     |     |     |     | Total Effect (1-5) |     |
|  |  | L01               | L02 | L03 | L04 | L05 | L06 |                    | L07 |
| 1  | Have advanced theoretical and up-to-date knowledge in discipline-specific areas such as international trade, finance, logistics, and general business and international business such as economics, marketing, management, accounting. | X                 |     | X   |     | X   |     | X                  | 4   |
| 2  | Evaluate, follow, absorb and transfer new information in the field of international trade  | X                 | X   | X   | X   | X   |     |                    | 5   |
| 3  | Conduct market research, carry out projects and develop strategies for a business to open up to international markets.   |                   | X   | X   | X   |     |     |                    | 3   |
| 4  | Use knowledge of national and international trade law and legislation in the management of international commercial operation processes  | X                 | X   | X   |     | X   |     | X                  | 5   |
| 5  | Work independently and within an organization, using the knowledge and skills acquired in the field and adopting continuous learning.  | X                 | X   |     | X   |     |     | X                  | 4   |
| 6  | Have the ability to apply her theoretical knowledge in real life, with the experience she will gain through practice in departments such as marketing, accounting, foreign trade, finance, logistics.                                  | X                 | X   |     | X   | X   | X   |                    | 5   |
| 7  | Have the theoretical knowledge to carry out export, import, customs clearance, logistics, taxation and other international trade activities within the scope of global and regional commercial and economic organizations.             | X                 | X   | X   | X   |     |     | X                  | 5   |
| 8  | Can develop a business idea, commercialize the business idea, and design and manage their own venture using their entrepreneurial knowledge.   | X                 | X   |     | X   |     | X   |                    | 4   |
| 9  | Using strategic, critical, innovative and analytical thinking skills, actively take part in the decision-making processes of the enterprise in the field of foreign trade and finance.   | X                 | X   |     |     | X   | X   | X                  | 5   |
| 10   | Act in accordance with ethical values, respectful to the environment, social and universal values in all activities it will carry out in its field.  | X                 | X   | X   | X   | X   |     |                    | 5   |
| 11   | Have the skills to follow up-to-date information at national and international level, to gather information about field, and to communicate with international institutions / organizations using her/him knowledge of English.        | X                 | X   | X   |     |     | X   | X                  | 5   |
| 12   | Gain professional competencies to take charge in national and international businesses, public and private sector organizations  | X                 | X   |     | X   | X   |     |                    | 4   |
| 13   | Can evaluate the problems and conflicts encountered in all areas related to international trade from different perspectives with a holistic approach and produce value-based solutions.  | X                 | X   | X   |     |     |     |                    | 3   |
| <b>Total Effect</b>  |  |                   |     |     |     |     |     |                    | 57  |

| <b>Policies and Procedures</b>   |
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| <p><b>Web page:</b> <a href="https://www.ostimteknik.edu.tr/uluslararasi-ticaret-ve-finansman-bolumu-209">https://www.ostimteknik.edu.tr/uluslararasi-ticaret-ve-finansman-bolumu-209</a><br/> <a href="https://www.ostimteknik.edu.tr/international-trade-and-finance-232">https://www.ostimteknik.edu.tr/international-trade-and-finance-232</a></p>   |
| <p><b>Exams:</b> 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.</p> |
| <p><b>Assignments:</b> 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.</p>   |
| <p><b>Missed exams:</b> 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.</p>   |
| <p><b>Projects:</b> Not applicable.</p>  |
| <p><b>Attendance:</b> 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.</p>  |
| <p><b>Objections:</b> 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.</p>   |