MANAGERIAL ACCOUNTING

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| Course code | *FIN103* |
| Compulsory in the programmes | *Finance, Industrial Technology Management* |
| Level of studies | *Undergraduate* |
| Number of credits and | *6 ECTS (48 contact hours + 6 consultation hours, 106 individual work hours)* |
| Course coordinator (title and name) | *Assoc. prof. Dr. Renata Legenzova* |
| Prerequisites | *Financial Accounting* |
| Language of instruction | *English* |

**THE AIM OF THE COURSE:**

The aim of the course is to teach students how to accumulate, prepare, report and analyze data and information used by managers to plan, measure, assess and control business processes, assess performance and make strategic and other relevant management decisions.

**MAPPING OF COURSE LEVEL LEARNING OUTCOMES (OBJECTIVES) WITH DEGREE LEVEL LEARNING OBJECTIVES (See Annex), ASSESMENT AND TEACHING METHODS**

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| Course level learning outcomes (objectives) | Degree level learning objectives (Number of LO) | Assessment methods | Teaching methods |
| CLO1. To be able to specify main tasks of management accounting and explain the difference between management and financial accounting; | BLO1.1  BLO1.2 | Mid-term, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO2. To be able to differentiate and analyze various costs types and their application in cost measurement, planning and performance evaluation; | BLO1.1  BLO1.2 | Mid-term, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO3. To be able to specify the chain of product value creation, differentiate among costing methods and calculate the cost of goods using different costing methods; | BLO1.1  BLO1.2 BLO3.1 | Mid-term, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO4. To be able to specify budget structure, prepare master budget, make variance analysis of operating budgets, identify and explain the meaning of variance analysis importance to control function | BLO1.1  BLO1.2 BLO3.1 | Final exam, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO5. To be able to perform cost-volume-profit analysis, make optimal decisions, using the concept of the opportunity costs, actual and relevant information, balanced scorecard techniques. | BLO1.1  BLO1.2 | Final exam, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO6. To be able to evaluate the influence of support departments on cost of goods, allocate support department costs, common costs, and revenues and perform divisional performance measurement; | BLO1.1  BLO1.2 BLO3.1 | Final exam, written report and oral presentation and defense of group works | Lectures, seminars, self-study |
| CLO7. To be able to work in teams, present work results in written form and oral presentation, justify and base decisions | BLO4.1  BLO4.2 BLO4.3 | Written report and oral presentation and defense of group works | Lectures, seminars, consultations, self-study. |

**ACADEMIC HONESTY AND INTEGRITY**

The ISM University of Management and Economics Code of Ethics, including cheating and plagiarism are fully applicable and will be strictly enforced in the course. Academic dishonesty, and cheating can and will lead to a report to the ISM Committee of Ethics. With regard to remote learning, ISM remind students that they are expected to adhere and maintain the same academic honesty and integrity that they would in a classroom setting.

**COURSE OUTLINE**

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| **Topic** | **In-class hours** | **Readings** |
| *1.* The framework of management accounting. Matching financial and management accounting information. | 3 | Horngren Chapter 1 |
| *2.* The building blocks of costing system: activity analysis and classification, cost objects, cost classification and accumulation, cost assignment and allocation, cost calculation, reporting cost information. | 4 | Drury Chapter 2, Chapter 3 |
| *3.* Job costing | 3 | Horngren Chapter 4 |
| *4.* Process costing | 3 | Drury Chapter 5 |
| *5.* Joint cost situations and byproducts. Income effects of alternative cost accumulation systems | 3 | Drury Chapter 6, Chapter 7 |
| *6.* Decentralized management and responsibility centers. Activity based costing. | 3 | Horngren Chapter 5, (Drury Chapter 19) |
| *Midterm* | 2 |  |
| *7.* Budgeting process. Master Budget. | 4 | Drury Chapter 15 |
| *8.* Management control. Standard costing and variance analysis | 4 | Drury Chapter 16,17 (Drury Chapter 18) |
| *9.* Cost-volume-profit analysis. Operating leverage | 4 | Drury Chapter 8 |
| *10.* Measuring relevant costs and revenues for decision-making | 3 | Drury Chapter 9 |
| *11.* Pricing decisions and customer profitability analysis | 3 | Drury Chapter 10 |
| *12.* Allocation of Support-Department Costs, Common Costs, and Revenues. Divisional financial performance measures | 3 | Horngren Chapter 15  Drury Chapter 19 |
| *13.* Strategic management accounting. Performance management systems. Balance scorecard. | 3 | Drury Chapter 22  Horngren Chapter 19 |
| ***Presentation and defense of Group tasks*** | 1 |  |
| ***Exam*** | 2 |  |
|  | **Total: 48 hours** |  |
| CONSULTATIONS | 6 |  |
| FINAL EXAM | 2 |  |

**FINAL GRADE COMPOSITION**

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| **Type of assignment** | **%** |
| *Group Components* | 30% |
| Group work (3 tasks) | 30 |
| *Individual Components* | 70% |
| Mid-term examination | 30 |
| Final examination | 40 |
| **Total:** | **100** |

**DESCRIPTION AND GRADING CRITERIA OF EACH ASSIGNMENT**

Midterm and exam are closed book. Students should bring calculators. Mobile phones are not allowed.

***Midterm*** counts towards 30% of the final grade. It consists of multiple-choice questions from theory and exercises and open questions.

***Final exam*** counts towards 40% of the final grade. Exam consists of multiple-choice questions from theory and exercises and open questions.

***Group work*** counts for 30% of the final grade. The group work consists of 3 separate tasks and has to be prepared in groups of 3-4 people (1-2 students do not make a group).

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| **Group work Tasks** | **Topic** | **Grading (as % of the final grade)** |
| TASK 1 | Cost allocation and product performance | * Written report - 5% * Presentation and defense 5 % |
| TASK 2 | Break even and contribution margin analysis | * Written report - 5% * Presentation and defense 5 % |
| TASK 3 | Master budgeting and variance analysis | * Written report - 5% * Presentation and defense 5 % |

The tasks are given at the beginning of the course and shall be done and defended before the end of semester. Each group turns in a single copy of its written report (for every task) with the names of all contributing members listed. All members of the group receive the same evaluation for the group’s written reports. Late written reports are not accepted.

All group members have to participate in presentation and defense of their group work. A student who does not show up for presentation and defense of the group work receives 0 for this part and the maximum evaluation for his/her group works is up to 15 % (out of 30 %) of the final grade.

**REQUIRED READINGS**

1. Horngren,C.T., Datar,S.M., Foster,G., Rajan,M., Ittner,C. (2012). *Cost accounting: A managerial emphasis*. 14th edition. Pearson (e-book).
2. Colin Drury Management and Cost Accounting. 8th edition (2012) Cengage Learning EMEA (e-book).

**ADDITIONAL READINGS**

1. Horngren,C.T., Datar,S.M., Foster,G. (2006). *Cost accounting: A managerial emphasis*. 12th edition. Prentice hall. (59 copies ISM library).
2. Horngren,C.T., Datar,S.M., Foster,G., Rajan,M., Ittner,C. (2009). *Cost accounting: A managerial emphasis*. 13th edition. Prentice hall (34 copies ISM library).
3. Drury, C. (2015). *Management and Cost Accounting.* 9th edition. Cengage Learning EMEA.
4. Weetman, P. (2002). *Management Accounting: An Introduction*. London: Thomson learning 408 p.

**ANNEX**

**DEGREE LEVEL LEARNING OBJECTIVES**

**Learning objectives for the Bachelor of Business Management**

*Programmes:*

*International Business and Communication,*

*Business Management and Marketing,*

*Finance,*

*Industrial Technology Management,*

*Entrepreneurship and Innovation*

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| **Learning Goals** | **Learning Objectives** |
| Students will be critical thinkers | BLO1.1. Students will be able to understand core concepts and methods in the business disciplines |
| BLO1.2. Students will be able to conduct a contextual analysis to identify a problem associated with their discipline, to generate managerial options and propose viable solutions |
| Students will be socially responsible in their related discipline | BLO2.1. Students will be knowledgeable about ethics and social responsibility |
| Students will be technology agile | BLO3.1. Students will demonstrate proficiency in common business software packages |
| BLO3.2. Students will be able to make decisions using appropriate IT tools |
| Students will be effective communicators | BLO4.1. Students will be able to communicate reasonably in different settings according to target audience tasks and situations |
| BLO4.2. Students will be able to convey their ideas effectively through an oral presentation |
| BLO4.3. Students will be able to convey their ideas effectively in a written paper |

**Learning objectives for the Bachelor of Social Science**

*Programmes:*

*Economics and Data Analytics,*

*Economics and Politics*

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| **Learning Goals** | **Learning Objectives** |
| Students will be critical thinkers | ELO1.1. Students will be able to understand core concepts and methods in the key economics disciplines |
| ELO1.2. Students will be able to identify underlying assumptions and logical consistency of causal statements |
| Students will have skills to employ economic thought for the common good | ELO2.1.Students will have a keen sense of ethical criteria for practical problem-solving |
| Students will be technology agile | ELO3.1. Students will demonstrate proficiency in common business software packages |
| ELO3.2. Students will be able to make decisions using appropriate IT tools |
| Students will be effective communicators | ELO4.1.Students will be able to communicate reasonably in different settings according to target audience tasks and situations |
| ELO4.2.Students will be able to convey their ideas effectively through an oral presentation |
| ELO4.3. Students will be able to convey their ideas effectively in a written paper |