

Basic information about the subject (independent of the cycle)

Module name	Management Accounting
Erasmus code	MA
ISCED code	
Language of instruction	English
Website	
Prerequisites	Accountancy
ECTS points hour equivalents	<p>Contact hours (work with an academic teacher): 15 Total number of hours with an academic teacher: 15 Number of ECTS points with an academic teacher: 1 Non-contact hours (students' own work): 60 Total number of non-contact hours: 75 Class contact: 15 Number of ECTS points for non-contact hours: 2 Total number of ECTS points for the module: 3</p>
Educational outcomes verification methods	Application newly acquired knowledge in practice – individual case study preparation, exercises
Description	<p>The module covers the knowledge in the area of finance: exactly costs, cost management and decision making. Management Accounting is an essential tool that enhances a manager's ability to make effective economic decisions. The course objective is to give students a good understanding about the concepts and techniques of management accounting. These issues will be explained against the background of a fast changing global market.</p> <p>This course examines the concepts and procedures underlying the development of a management accounting, control, budget and performance reporting. Topics include:</p> <p>1: After an introduction, we will first focus on the interaction of Management Accounting and the business process. "Cost behaviour", "Cost Management Systems" and "Decision making" are the key issues; meaning, features, scope, importance, functions, differences between financial accounting, cost accounting and management accounting.</p> <p>2: The second part will be about Product Costing (how to explain and apply cost accounting techniques). Absorption costing and also variable costing will be discussed. Here the keywords are: "Cost Allocation", "Overheads" and "Job-Costing and Process-Costing Systems". Cost measurement and cost control; tools for planning and control; management control systems; inventory costing, cost information for decision making; relevant information; pricing decisions; cost management; measurement and control of overhead costs. An important aspects of this course will be to bridge theory with practice in the contest of real world implications.</p> <p>3: In the last part, we will use accounting techniques for Planning and Control. "Budgeting", "Variance Analysis" and "Management Control System" will be discussed.</p>
Reading list	1. C. Drury, <i>Management and Cost Accounting</i> , 8th ed.,

	<p>Publisher: Cengage Learning EMEA, 2014.</p> <p>2. Charles T. Horngren, Srikant M. Datar and Madhav Rajan, <i>Cost Accounting: A Managerial Emphasis</i>, 14th ed. Prentice Hall, 2012.</p>
Educational outcomes	<p>KNOWLEDGE:</p> <p>W06 - has in-depth knowledge of management accounting and cost accounting;</p> <p>W08 - has in-depth knowledge of the traditional cost system and modern cost system,</p> <p>SKILLS:</p> <p>U06 - has the ability to use the acquired knowledge in different ranges and forms (for example: budget preparation)</p> <p>U07 - has the ability to independently proposed solutions to a particular problem and carry out procedures to take decisions in this regard.</p> <p>ATTITUDES:</p> <p>K02 - able to interact and work in a group, accepting the different roles</p> <p>K05 – knows how to participate in the preparation of social projects and can provide multi-social impact of its activities</p> <p>K06 – can independently and critically complement the knowledge and skills extended to interdisciplinary dimension</p>
Practice	<p>Description:</p> <ol style="list-style-type: none"> 1. Show behaviour of costs. 2. Calculate costs of products. Calculation of the results (profits or losses). 3. Use costing methods: Activity Based Costing (ABC) (Changes in the business context and their impact on the accounting systems. Description of the ABC model. Activities: concept, main activities, support activities. Cost drivers. Advantages and disadvantages of ABC. Other accounts of costs. 4. Calculate fixed and variable costs. 5. Conduct Cost-volume-profit analysis in decision taking. 6. Set-up and use budgets. 7. Calculate financial results. <p>After studying this topics, students should be able to:</p> <ul style="list-style-type: none"> • define managerial accounting - explain the nature, source and purpose of management information; • Have a clear view on business ethics, especially ethics related to accounting; • differentiate between financial accounting, management accounting and cost accounting. • describe the objectives of management accounting and cost accounting. • Define cost drivers and calculate cost behaviour (fixed and variable); • Use cost-volume-profit analysis in decision taking; • Set-up and use Activity-Based Costing and other modern cost systems (for example: quality cost system, target

	<p>costing, kaizen costing, Life-cycle costing)</p> <ul style="list-style-type: none"> • Decide when information is relevant; • Use relevant information for decision making, both for pricing and operational decisions; • Describe the benefits of budgets; • Set-up and use budgets; • Execute variance analysis; • Understand, define, and implement management control systems and responsibility accounting; • Explain and apply performance measurements and monitor business performance; • Discuss and comment on management control systems in a decentralized organization; • Set-up and use a scheme of cost allocation; • Set-up and use accounting for overhead costs; • Implement job-costing and process-costing systems; • Calculate the results (profits or losses) generated by unfinished contracts; describe the conceptual framework of activity based costing (ABC) and other cost system; • Identify the activities and cost drivers. • Explain the differences, advantages and disadvantages of ABC in relation to traditional costing systems; • Establish financial results and analyze categories of financial statements.
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Information about classes in the cycle

Website	
Educational outcomes verification methods	Application newly acquired knowledge in practice – individual case study preparation, exercises
Comments	N/A
Reading list	<p>1. C. Drury, <i>Management and Cost Accounting</i>, 8th ed., Publisher: Cengage Learning EMEA, 2014.</p> <p>2. Charles T. Horngren, Srikant M. Datar and Madhav Rajan, <i>Cost Accounting: A Managerial Emphasis</i>, 14th ed. Prentice Hall, 2012.</p> <p>Course Materials</p> <p>article</p> <p>https://www.researchgate.net/profile/Timo_Hyvoenen/publication/24080096_Management_Accounting_and_Information_Systems_ERP_versus_BoB/links/0deec53c957f3438a8000000.pdf</p> <p>books (exercises - especially Colin Drury)</p> <p>https://s3.amazonaws.com/academia.edu.documents/35664951/0273711490.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1551215465&Signature=IRpNXu0304wsaRkkOBSQJ3KjCtY%3D&response-content-disposition=inline%3B%20filename%3DAInoor_Bhimani_Management_and_cost_accou.pdf</p> <p>https://www.dropbox.com/sh/zibarg1c3z10kep/AAQYbEgFfxM0baD6W10qFHEa?dl=0</p>
Educational outcomes	<p>KNOWLEDGE:</p> <p>W06 - has in-depth knowledge of management accounting and cost accounting;</p>

	<p>W08 - has in-depth knowledge of the traditional cost system and modern cost system,</p> <p>SKILLS:</p> <p>U06 - has the ability to use the acquired knowledge in different ranges and forms (for example: budget preparation)</p> <p>U07 - has the ability to independently proposed solutions to a particular problem and carry out procedures to take decisions in this regard.</p> <p>ATTITUDES:</p> <p>K02 - able to interact and work in a group, accepting the different roles</p> <p>K05 – knows how to participate in the preparation of social projects and can provide multi-social impact of its activities</p> <p>K06 – can independently and critically complement the knowledge and skills extended to interdisciplinary dimension</p>
A list of topics	<p>Course Schedule (overview)</p> <p>Week 1: Managerial Accounting, terms of MA, the Business Organization and Professional Ethics; Introduction to Cost Behaviour and Cost-Volume relationships</p> <p>Week 2: Measurement of Cost Behaviour; Cost Management Systems and Activity-Based Costing</p> <p>Week 3: Cost Allocation. Accounting for Overhead Costs; Establishing financial results. Fixed and variable costs calculation.</p> <p>Week 4: Variable costing, absorption costing.</p> <p>Week 5: Variance Analysis. Management Control Systems and Responsibility Accounting.</p> <p>Week 6: Relevant Information for Decision Making with a Focus on Pricing Decisions. Relevant Information for Decision Making with a Focus on Operational Decisions.</p> <p>Week 7: Introduction to Budgets and Preparing the Master Budget</p> <p>Week 8: Final exam</p>
Teaching methods	Informative lecture, case study analysis, exercises, online platoform
Assessment methods	<p>Attendance (75%), individual study preparation</p> <p>The final note is the result of the weighted average of attendance (30%) and assessment of test (60%) and discussing (10%)</p>