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| Faculty | Business | Department | Accounting |
| Course number | 0502760 | **Course title** | **Advanced Managerial Accounting** |
| Number of credit hours | 3 | Pre-requisite/co-requisite | --- |

**Brief course description**
This course provide the methods to distinguish between different cost terms and concepts, analyze cost behavior and use cost behavior in predicting costs, understand break-even analyses and use it in decision making. In addition, understand the steps of budget preparation, use activity-based costing in decision making as well as realize the cost classification for managerial purposes. Use managerial accounting in controlling, planning and decision making.

| | **Course goals and learning outcomes** |
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| **Goal 1** | Advanced Analysis of cost behavior and use cost behavior in predicting costs |
| Learning outcomes | 1.1 The student should have the ability to acquire knowledge and understanding in the accounting fields related to cost behavior<br>1.2 The student should has the ability to apply thinking skills to solve the problems of determining the cost throughout the cost behavior cost system |
| **Goal 2** | Advanced Analysis of cost-volume-profit analysis techniques in decision making |
| Learning outcomes | 2.1 Provide students with the capabilities and skills of processing the analysis of cost volume profit analysis techniques.<br>2.2 Students should have the ability and skills to process the understanding of Break Even Point techniques in making decision related to calculation of BEP in its various ways |
| **Goal 3** | Use managerial accounting techniques in relevant and irrelevant costs in nonrecurring decisions, controlling, planning and decision making |
| Learning outcomes | 3.1 Provide the student with the capabilities and skills to use managerial accounting techniques in relevant and irrelevant costs in nonrecurring decisions, controlling, planning and decision making |
| **Goal 4** | Comprehensive use and application of all types of budget preparation, master budget, financial budgets, operational budgets. |
| Learning outcomes | 4.1 Achieving the skills of comprehensive use and application of all types of budget preparation, master budget, financial budgets, operational budgets. |
| **Goal 5** | Advanced Analysis of Capital budgeting techniques in decision making |
| Learning outcomes | 5.1 Provide the student with the capabilities and skills of processing and preparing Capital budgeting techniques in decision making |
| **Textbook** | Garrison Ray H., Eric W. Noreen and Peter C. Brewer, Managerial Accounting, 15th edition, McGraw-Hill, 2015, USA. |
| **Supplementary references** | 1- Ronald Hilton Managerial Accounting: creating value in dynamic business environment, 2016, Boston, McGraw-Hill.<br>2- Horngren Charles T., Foster, Datar, Rajan, Ittner, Cost Accounting. A Managerial Emphasis, 15th Edition, 2014, Prentice Hall, USA.<br>3- Horngren Charles T., and Others, Introduction to Management Accounting, 14th Edition, Pearson Prentice Hall, 2009<br>4- Harmmer, L. H, WK. Carter, and M. F. Usry, "Cost Accounting-Planning and |

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| | Control", 11th Edition; South-Western Publishing Co.; 1994.<br>5- Blosher, Edward, J., Chen, Kung, H., and Lin, Thomas W., Cost Management: A Strategic Emphasis, 3rd edition, Inwin/ McGraw-Hill, New York, 2004 |

| Course timeline | | | | |
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| **Week** | **Number of hours** | **Course topics** | **Pages (textbook)** | **Notes** |
| **01** | **1**<br>**1**<br>**1** | **Introduction to Course:**<br>• What is management accounting information systems<br>• Cost behavior and use cost behavior in predicting costs | Chapter 1 | |
| **02** | **1**<br>**1**<br>**1** | **Cost-volume-profit analysis techniques in decision making:**<br>• Analysis of Break Even Point(one product)<br>• Analysis of BEP (Mix Sales)<br>• Profit Planning(Target Sales) | Chapter 2 | |
| **03** | **1**<br>**1**<br>**1** | **Relevant and irrelevant costs in nonrecurring decisions, controlling, planning and decision making.**<br>• Conditions of irrelevant cost<br>• Special Sales Order | Chapter 3 | |
| **04** | **3** | • Make or Buy Decision<br>• Deletion or Adding of products or Departments | Chapter 3 | |
| **05** | **3** | • Selling joint products at split of point or after further processing (incremental costs) | Chapter 3 | |
| **06** | **1**<br>**1**<br>**1** | **Preparation of master budget, financial budgets, operational budgets.**<br>• Production Budget<br>• Purchase Budget | Chapter 4 | |
| **07** | **3** | • Sales Budget<br>• Operating Expenses Budget | Chapter 4 | |
| **08** | **3** | • Cash Budget | Chapter 4 | |
| **09** | **3** | • Income Statement budget<br>• Financial position Statement Budget | Chapter 4 | |
| **10** | **1**<br>**1**<br>**1** | **Capital Budgeting:**<br>• Net Present Value<br>• Pay Back Period | Chapter 5 | |
| **11** | **1**<br>**1**<br>**1** | **Capital Budgeting:**<br>• Internal Rate of Return IRR<br>• Accounting Rate of Return | Chapter 5 | |
| **12** | **3** | • Discounted Pay Back Period<br>• Capital Budgeting & Non-Profit organizations | Chapter 5 | |
| **13** | **1**<br>**1**<br>**1** | **Target Costing:**<br>• The Target Costing Process<br>• Value Engineering reengineering<br>• Life Cycle Costing | Chapter 6 | |

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| **14** | **3** | **The Balance Scorecard**<br>• Balanced Scorecard Perspective Cause-and-Effect Relationships | Chapter 7 | |
| **15** | **1**<br>**1**<br>**1** | **Financial Measurement of Performance:**<br>• Flexible and Static Budget variances<br>• Transfer pricing Facility | Chapter 8 | |
| **16** | **1**<br>**1**<br>**1** | **Sustaining Costs:**<br>• Return On Investment<br>• Economic Value<br>• Added Expenses Vs. Capitalize | Chapter 9 | |

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| **Theoretical course evaluation methods and weight** | Participation = 30%<br>Midterm exam 30%<br>Final exam 40% | **Practical (clinical) course evaluation methods** | Semester students' work = 60%<br>(Reports, research, quizzes, etc.)<br>Final exam = 40% |

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| **Approved by head of department** | Dr. Abdallah Atieh | **Date of approval** | 30/8/2017 |

Extra information (to be updated every semester by corresponding faculty member)

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|---|---|---|---|
| **Name of teacher** | | Office Number | |
| Phone number (extension) | | Email | _____@zuj.edu.jo |
| Office hours | | | |

Dr. Osama Shaban