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| 1. Course code: | ACC221 | | | 1. Course title: | | | | | | Cost Accounting | | | | | | | | | | | |
| 1. College: College of Business Administration | | | | | | | | | | | | | | | | | | | | | |
| 1. Department: Accounting | | | | | | | | | | | | | | | | | | | | | |
| 1. Program: B.Sc. in Accounting / Minor in Accounting | | | | | | | | | | | | | | | | | | | | | |
| 1. Course credits: 3-credit hour | | | | | | | | | | | | | | | | | | | | | |
| 1. Course NQF Level: 6-7-8 | | | | | | | | | | | | | | | | | | | | | |
| 1. NQF Credits: TBA | | | | | | | | | | | | | | | | | | | | | |
| 1. Prerequisite: ACC113 | | | | | | | | | | | | | | | | | | | | | |
| 1. Lectures Timing & Location: Online | | | | | | | | | | | | | | | | | | | | | |
| 1. Course web page: Blackboard and Microsoft Teams | | | | | | | | | | | | | | | | | | | | | |
| 1. Course Instructor: Dr. Hala Elias | | | | | | | | | | | | | | | | | | | | | |
| 1. Office Hours and Location: TBA | | | | | | | | | | | | | | | | | | | | | |
| 1. Course coordinator: Dr. Sayel Ramadhan | | | | | | | | | | | | | | | | | | | | | |
| 1. Academic year: 2020-2021 | | | | | | | | | | | | | | | | | | | | | |
| 1. Semester: | |  | **First** | | | | | **√** | | | **Second** | | | |  | | **Summer** | | | | |
| 1. Textbook (s):   Dater, S. and Rajan, Madhav, 2018. *Horngren's Cost Accounting: A Managerial Emphasis,* Global Edition-Sixteenth Edition. Book Site: Pearson. <https://www.pearsonhighered.com> | | | | | | | | | | | | | | | | | | | | | |
| 1. References:   Horngren, Charles T., Sundem, Gary, Burgstahler and Schatzberg, Jeff (2014). *Introduction to Management Accounting:* Pearson Higher Education.  Blocher, Edward, Stout, David and Cokin, Gary (2015). *Cost Management-A Strategic Emphasis*: McGraw Hill Education.  Bamber, Braun, and Harrison (2014)*. Managerial Accounting”*, 2nd edition, McGraw Hill Education.  [Liming, Guan, Hansen, Don, and Maryanne Mowen (2008](http://libcat.uob.edu.bh/uhtbin/cgisirsi.exe/?ps=OcR6TcrvQL/SAKHIR/37650015/18/XBATH4/XTITLE/Cost+management+%5e2F)). *Cost Management*, 6th edition, Mason, OH South-Western Cengage Learning. In library: <http://libcat.uob.edu.bh/> | | | | | | | | | | | | | | | | | | | | | |
| |  | | --- | |  |  1. Other learning resources used (e.g. e-Learning, field visits, periodicals, software, etc.):   Materials on the blackboard; software that includes Excel; and periodicals. | | | | | | | | | | | | | | | | | | | | | |
| 1. Course description (as per the published):   Students will be introduced to: [1] cost terms and concepts. [2] cost determination of a product or a service. [3] Preparing static and flexible budgets and computing cost variances. [4] Applying activity-based-costing as a new approach for cost allocation. [5] identifying differences between job-order-costing and process-costing, variable costing and absorption costing. | | | | | | | | | | | | | | | | | | | | | |
| 1. Course Intended Learning Outcomes (CILOs): | | | | | | | | | | | | | | | | | | | | | |
| CILOs | | | | | *Mapping to PILOs* | | | | | | | | | | | | | | | | |
| Learning goals | | | | | a. Knowledge | | b. Globalization | | | | | c. Skills | | d. Communication | | | | e. Competencies | | f. Values | |
| Learning objectives | | | | | a1: General Knowledge | a2: Specific knowledge | b1: International cross-cultural | | b2: Global Perspective | | | c1: Thinking skills | c2: Analytical skills | d1: Communication (Writing) | | d2: Communication (Oral) | | e1: Leadership skills | e2: Teamwork | f1: Ethics | f2: Social responsibility |
| 1. Demonstrate knowledge of cost terms and purposes and prepare an income statement for a manufacturing firm. | | | | | √ | √ |  | |  | | |  |  |  | |  | |  |  |  |  |
| 2. Explain the features of cost-volume profit (CVP) analysis and understand how managers use CVP analysis in decision making. | | | | |  |  |  | |  | | | √ | √ | √ | | √ | | √ | √ | √ | √ |
| 3. Explain how to calculate unit costs under job costing, activity-based costing and process costing in the three types of business organizations, manufacturing, merchandising and service companies. | | | | | √ | √ | √ | | √ | | |  |  |  | |  | |  |  |  |  |
| 4. Apply flexible budgets and compute direct and indirect costs variances. | | | | |  |  | √ | | √ | | | √ | √ |  | |  | |  |  | √ | √ |
| 5. Compute income under absorption costing and variable costing and explain the difference in income. | | | | |  |  |  | |  | | | √ | √ | √ | | √ | |  |  |  |  |
| 6. Use cost accounting information for planning, controlling and decision making. | | | | |  |  |  | |  | | | √ | √ | √ | | √ | | √ | √ | √ | √ |

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| **22. Course assessment:** | | | | |
| *Assessment Type* | *Details/ Explanation of Assessment in relation to CILOs* | *Number* | *Weight* | *Date* |
| Quizzes | 1, 2 & 6 | Two | 10% | TBA |
| Continuous assessment | 1, 2, 3, 4, 5 | Ongoing | 15% | TBA |
| Engagement activities | 1, 2, 3, 4, 5 & 6 | Ongoing | 15% | TBA |
| Short Answers | 1, 3 & 6 | One | 10% | TBA |
| Final exam | 1, 2, 3, 4, 5 & 6 | One | 40% | TBA |
| **Total** |  | | **100%** |  |

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| 1. Description of Topics Covered | |
| *Topic Title*  *(e.g., chapter/experiment title)* | ***Description*** |
| Chapter 2  An Introduction to Cost Terms and Purposes | Illustrate cost accumulation, cost assignment, cost allocation, cost tracing, and cost objects. Explain the difference between direct and indirect costs, variable and fixed costs, and product and period costs. Define relevant range and a cost driver and demonstrate the need to interpret unit costs cautiously. Finally, prepare an income statement for a manufacturing firm. |
| Chapter 3  Cost-Volume-Profit Analysis | This chapter explains the features of cost-volume profit (CVP) analysis. How to determine the breakeven point and the output level needed to achieve a target operating income. Also, it explains how managers use CVP analysis in decision making, and how sensitivity analysis helps managers cope with uncertainty. In addition, it demonstrates how to apply CVP analysis to a company producing multiple products. |
| Chapter 4  Job Costing | Describe the building-block concepts of costing systems. Distinguish job costing from process costing. Explain the approaches to evaluate and implement job costing systems and outline the seven-step approach to job costing. Distinguish actual costing from normal costing and track the flow of costs in a job costing system. Dispose of under- or over allocated manufacturing overhead costs at the end of the fiscal year using alternative methods. |
| Chapter 5  Activity-Based Costing and Activity-Based Management | Explain how broad averaging under-costs and over-costs products or services. Present guidelines for refining a costing system. Distinguish between traditional and activity-based costing systems and costs products or services using activity-based costing. Evaluate the costs and benefits of implementing activity-based costing systems. |
| Chapter 7  Flexible Budgets, Direct Cost Variances, and Management Control | Explain static budgets and static-budget variances. Examine the concept of a flexible budget and explain how to develop it. Calculate flexible-budget variances and sales-volume variances, and compute price and efficiency variances for direct cost categories. Understand how managers use variances. |
| Chapter 8  Flexible Budgets, Overhead Cost Variances, and Management Control | Explain the similarities and differences in planning variable and fixed overhead costs. Develop budgeted variable overhead costs rates and budgeted fixed overhead costs rates. Compute the variable overhead flexible-budget variances (efficiency and spending variances). Compute the fixed overhead flexible-budget variances (spending variance and the production volume variance). Explain the relationship between the sales-volume variance and the production-volume variance. |
| Chapter 9  Inventory Costing and Capacity Analysis | Explain what distinguishes variable costing from absorption costing. Compute income under absorption costing, and variable costing, and explain the difference in income. Understand how absorption costing can provide undesirable incentives for managers to build up inventory. Differentiate throughput costing from variable costing and absorption costing and prepare income statement under throughput costing. |
| Chapter 17  Process Costing | Highlight the situations in which process-costing systems are appropriate. Understand the basic concepts of process-costing and compute average unit costs. Describe the five steps in process costing and calculate equivalent units. Use the weighted-average method and first-in, first-out method of process costing, and apply process-costing methods to situations with transferred-in costs. |

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| **23. Weekly Schedule** | | | | | |
| **Week** | **Date** | **Topics covered** | **CILOs** | **Teaching Method** | **Assessment** |
| ***1 & 2*** | 7 Feb. – 18 Feb. | **Chapter 2**  An introduction to Cost Terms and Purposes | 1 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Quiz 1 * Continuous assessment * Engagement activities |
| ***3 & 4*** | 21 Feb. – 4 March | **Chapter 3**  Cost-Volume-Profit Analysis | 2,6 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Quiz 2 * Continuous assessment * Engagement activities |
| ***5 & 6*** | 7 March – 18 March | **Chapter 4**  Job Costing | 1,3,6 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Short Answers * Continuous assessment * Engagement activities |
| ***7&8*** | 21 March – 1 April | **Chapter 5**  Activity-Based Costing and Activity-Based Management | 1,3 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Short Answers * Continuous assessment * Engagement activities |
| ***9*** | 4 April – 8 April | **Mid Semester Break** | | | |
| ***10 & 11*** | 11 April – 22 April | **Chapter 7**  Flexible Budgets, Direct Cost Variances, and Management Control | 4,6 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Continuous assessment * Engagement activities * Final Exam |
| ***12 & 13*** | 25 April – 6 May | **Chapter 8**  Flexible budgets, Overhead Cost Variances, and Management Control | 4,6 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Continuous assessment * Engagement activities * Final Exam |
| ***14*** | 9 May – 13 May | **Chapter 9**  Inventory Costing and Capacity Analysis | 2,5 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Continuous assessment * Engagement activities * Final Exam |
| ***15 & 16*** | May 16 - May 27 | **Chapter 17**  Process Costing | 1,3 | Classroom flipping using textbook and narrated power point presentations,  Demonstrations applying Excel, Class discussions, Group presentations | * Continuous assessment * Engagement activities * Final Exam |

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| Prepared by: Dr. Sayel Ramadhan |
| Date: 01/02/2021 |
| Approved by the Department Council on: 15 September 2020 |

**Additional information**

**24. Course Assignments**

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| **Chapter** | **Class Work** |
| 2 | Exercises: 25, 31, 33; Problems: 36, 39, 44 and 48 |
| 3 | Exercises: 21,25, 29; Problems: 33, 43 and 51 |
| 4 | Exercises: 22,25, 29, 35; Problems: 40 and 42 |
| 5 | Exercises 21, 22, 23, 29 |
| 7 | Exercises: 21, 24, 28, 30, 31; Problems 34 |
| 8 | Exercise 23, 24, 27 and 28 |
| 9 | Exercises: 23, 24, 25, 26, 27 |
| 17 | Exercises: 21,22,29, 30; Problems 36, 37 and 38 |

**25. University regulations**

**A. Withdrawal from Courses**

A student may withdraw from a course, as long as the academic load does not fall below 12 credits for a full-time student. There are exceptional cases in which a full-time student may carry nine credit hours but only for one semester.

**A. Withdrawal Dates:**

**Last day for dropping courses Sunday 7 Feb. – Sunday 7 March**

**Withdrawal period with grade of (W) Monday 8th March - Thursday, 29 April**

**Last day for enforced withdrawal Tuesday 11 May**

**B. Attendance**

A student’s attendance is evaluated according to the following rules:

1. A Student’s absence from lectures, discussions, laboratories or classes in excess of 25% of the total assigned sessions will result in an automatic withdrawal of the student from the course, regardless of the causes for his/her absence.

(a) A grade of (W) is given to a student who misses 25% or more of the total sessions assigned to the course, if he/she presents a valid excuse for his/her absence.

(b) A grade of (WF) will be given to a student who misses 25% or more, but with no valid excuse.

2. A student must submit in writing to the instructor concerned the reasons for the absence. This should be done within a period of three days as of the resumption of attendance.

3. Petition against dismissal:

1. If a student chooses to contest his/her forced withdrawal from a class, he/she should submit a petition to the Director of Student Affairs who in turn presents the petition to the appropriate dean to determine the appropriate withdrawal grade given to the student.
2. The Dean of the College will consider the petition and will make his/her final decision, after deliberation with the Director of Student Affairs and the relevant department.
3. The Dean conveys the decision to the Registrar’s Office which in turn will inform the student.

**C. Academic Integrity**

Students are expected to do their academic work without unauthorized help of any kind. Cheating, plagiarism or any other proven academic irregularity must be reported by the faculty member concerned to the Academic Disciplinary Committee for appropriate action.