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| **Approved Date:**  |  | **Philadelphia University** |
| **Issue:2024-20245** | **Faculty: Business** |
| **Credit Hours: 3 hours** | **Department: Accounting** |
| **Bachler: Dr:Abeer Samara** | **Course Syllabus** | **Academic Year: 2024-2025** |

**Course Information**

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| **Prerequisite**  | **Course Title** | **Course No.**  |
| **0311111** | **Cost Accounting** | 0311233 |
| **Room No.** | **Class Time** | **Course Type** |
| **31309** | **Sun, Tue** **11:15 – 12:05****Sun****18:10-19** |  Univirsity Requirement Faculty Requirement * Major Requirement  Elective  Compulsory
 |

**Instructure Information**

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| --- | --- | --- | --- | --- |
| **E-mail** | **Office Hours** | **Phone No.** | **Office No.** | **Name** |
| **asamara@philadelphia.edu.jo** | Sun-Tus9:15-11:15 | **2342** | **31317** | **Dr.Abeer .I.Samara**  |

**Course Delivery Method**

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|  **Blended Online**  **Physical**  |
| **Learning Model** |
| **Physical** | **Asynchronous** | **Synchronous** | **Percentage** |
| **67%** | **33%** |  |

**Course Description**

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| This course provides students with knowledge about different techniques for the identification, analysis and classification of cost components to facilitate managerial decision-making. This course also provides students with knowledge about different costing systems such as the activity costing system and the order costing system to help them make appropriate decisions and determine the cost of products.  |

**Course Learning Outcomes**

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| --- | --- | --- |
| **Corresponding Program Outcomes**  | **Outcome** | **Number** |
| **Knowledge**  |
| **KP2** | Explain and Define the conecpts and principles of cost in various sectors especially in manufacturing sectors. | **K1** |
| **KP2** | Prepare all kinds of budgets: Operation budgets and flexible budgets | **K2** |
| **KP4** | Apply the basic principles of cost accounting in decision-making to design  | **K3** |
| **KP5** | Identify and explain the basics of the costing systems  | **K4** |
| **KP5** | Use and evaluate variances for performance evaluation and measurement | **K5** |
| **Skills**  |
| **SP1** | Developing communication skills with students and between students especially using the English language | **S1** |
| **SP2** | Using the Excell program to preprare budgets | **S2** |
| **SP3** | Using the critical thinking skill in making administrative decisions and solving problems facing the administration by solving problems for practical cases | **S3** |
| **Competencies** |
| **CP1** | Developing decision-making skills by choosing between many alternatives | **C1** |

**Learning Resources**

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| --- | --- |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson.  | **Course Textbook** |
| 2020 Pearson Cost Accounting: A Managerial Emphasis, 17th Edition. Srikant M. Datar Madhav V. Rajan Cost and Effect, Kaplan R. and R. Cooper, 2019 | **Supporting References** |
| - | **Supporting Websites**  |
|  **Classroom**  **laboratory Learning Platform Other**  | **Teaching Environment**  |

**Meetings and Subjects TimeTable**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Learning Material | Task | Learning Method\* | Topic | Week |
|  Chapter 1Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. | -- | Lecture  | - Explain the college’s vision and mission, and distribute the syllabus to students- Discuss the accountant’ role in the organization-Comparing cost and Financial Accounting-Organizational Structure | 1 |
| Chapter 2 Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. | Pracrice Excercises: at class 1-161-17 | Lecture and Class Discussion | -Understand the cost terms and different cost Concepts  and classifications based on behavior and cost object - Cost of Goods Sold Schedule Cost Accounting: Information for Decision Making | 2 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 2 | -- | Lecture | - Manufacturing Costing Financial Statements Income Statement --Cost of Goods Manufactured -Cost of Goods Manufactured Schedule -Balance Sheet -Cost Concepts—A Review Product Costing for Service Industries | 3 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson Chapter 4. | Practice at class P 3-1 Problem | Interactive lecture and discussions by students | Describe the building-block concepts of costing systems Activity based Costing (ABC) system | 4 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 4 | -----  | discussion,Interactive lecture and discussions by students | -ABC costing systems - Activity based Costing: A Tool to Aid decision Making-Distinguish between simple and activity-based costing systems  | 5 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 4 | -- | Learn by Solving Problems: Solving Practical JCPA Exam Questions | - ABC costing systemsvariable costing and segment reporting: Tools for management | 6 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 9 | -- | Lecture and Inverse Learning | Cost-volume -profit relationships target profit and breakeven analysis CVP considerations in choosing a cost structure Employing Excel to analyze BEP and CPV analysis (Excel Applications) | 7 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 9 | Quiz | Learn by Solving Problems: Solving Practical JCPA Exam Questions | Cost-Volume- Profit Analysis- applications and limitations CVP and Changes in the Business EnvironmentCost-volume -profit relationships - the basics of cost volume profit (CVP) analysis - target profit and breakeven analysis | 8 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 9 | Practice at class Problem | Interactive lecture and discussions by students | Cost volume profit relationshipsSales Mix Break-Even Sales in Units Break-Even Sales in Dollars  | 9 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 9 | Pracicte Excercises:4-20 | Participative learning and case study | Cost volume profit relationshipsDetermining Sales Mix with Limited Resources | 10 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 10 | Homework | Case study and class discussion | Fundamentals of Cost Analysis for Decision Making absorption and variable costing  | 11  |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 13 |  |  | - Developing Master Budget decentralization in organizations - responsibility accounting - the basic framework and budgeting - preparing the master budget - Understand the issues involved in evaluating actual outcomes against budget plans | 12 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. PearsonChapter 13. |  |  | Budgeting Nature and purpose of budgeting -Budget preparation -Flexible budgets  - Capital budgeting and discounted cash flow -Budgetary control and reporting - Behavioural aspects of budgeting | 13 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 13 | Problem practice at class:7-35 | Case study and class discussion | Fundamentals of Variance AnalysisCost Variances and Management ControlCustomer profitability analysis Standard costing system Variance calculations and analysis  | 14 |
| Fundamentals of Cost Accounting; 6th Edition; 2022, William Lanen, Shannon Anderson, Michael Maher. Pearson. Chapter 14 | Final Project | Lecture and Inverse Learning | Standard costing system Variance calculations and analysis | 15 |
|  |  |  | Final Exam | 16 |

\*Includes: lecture, flipped Class, project based learning, problem solving based learning, collaboration learning.

**Course Contributing to Learner Skill Development**

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| --- |
| **Using Technology**  |
| Using Excell program to solve some problems and cases especially in CVP Analysis, ABC and preparing budgets |
| **Communication Skills**  |
| Class discussion between students and teacher and between students themselves by solving problems in groups |
| **Application of Concept Learnt**  |
| Solving case studies and problems from CPA |

**Assessment Methods and Grade Distribution**

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| --- | --- | --- | --- |
| **Course Outcomes** **to be Assessed** | **Assessment Time****(Week No.)** | **Grade** | **Assessment Methods** |
| K1,K3 K4 | The eighth week | **30 %** | **Mid Term Exam** |
| S1,S2 | The Fifth weekQuiz1: 10 marks | **30 %** | **Term Works\*** |
| S1, S2 | The eleventh weekHomework: 10 marks |
| S1,S2, C1 | week 14th, Project  |
| K2, K5 | Sixteenth week | **40 %** | **Final Exam** |
|  |  | **100%** | **Total** |

\* Include: quizzes, in-class and out of class assignment, presentations, reports,

 videotaped assignment, group or individual project

**Alignment of Course Outcomes with Learning and Assessment Methods**

|  |  |  |  |
| --- | --- | --- | --- |
| **Assessment Method\*\***  | **Learning Method\*** | **Learning Outcomes** | **Number**  |
|  **Knowledge** |
| Exams and homework  | Lectures+ flipped class | Explain and Define the conecpts and principles of cost in various sectors especially in manufacturing sectors. | K1 |
| Quiz, Semester and final exams | Introductory lecture and Case Solving | Prepare all kinds of budgets: Operation budgets and flexible budgets | K2 |
|  | discussions with students | Apply the basic principles of cost accounting in decision making to design  | K3 |
| Semester and final exams | Class Discussion  | Identifiy and explain the basics of the costing systems  | K4 |
| Semester and final exams | Introductory lecture and discussions with students | Be able to use and evaluate variances for performance evaluation and measurement | K5 |
|  **Skills**  |
| Quizzes and Assignments | Problem solving based learning | Developing communication skills with students and between students especially using English language | S1 |
| Quizzes and Assignments | Problem solving based learning | Using Excell program to solve some problems | S2 |
|  **Competencies** |
| Quizzes and Assignments | Problem solving based learning | Developing decision making skills by choosing between many alternatives | C1 |

 \*Include: lecture, flipped class, project based learning, problem solving based learning, collaboration learning.

\*\* Include: quizzes, in-class and out of class assignments, presentations, reports, videotaped assignments, group or individual projects.

**Course Polices**

|  |  |
| --- | --- |
|  **Policy Requirements** | **Policy** |
| The minimum pass for the course is (50%) and the minimum final mark is (35%). | **Passing Grade** |
| * Anyone absent from a declared semester exam without a sick or compulsive excuse accepted by the dean of the college that proposes the course, a zero mark shall be placed on that exam and calculated in his final mark.
* Anyone absent from a declared semester exam with a sick or compulsive excuse accepted by the dean of the college that proposes the course must submit proof of his excuse within a week from the date of the excuse’s disappearance, and in this case, the subject teacher must hold a compensation exam for the student.
* Anyone absent from a final exam with a sick excuse or a compulsive excuse accepted by the dean of the college that proposes the material must submit proof of his excuse within three days from the date of holding that exam.
 | **Missing Exams** |
| The student is not allowed to be absent more than (15%) of the total hours prescribed for the course, which equates to six lecture days (n t) and seven lectures (days). If the student misses more than (15%) of the total hours prescribed for the course without a satisfactory or compulsive excuse accepted by the dean of the faculty, he is prohibited from taking the final exam and his result in that subject is considered (zero), but if the absence is due to illness or a compulsive excuse accepted by the dean of the college that The article is introduced, it is considered withdrawn from that article, and the provisions of withdrawal shall apply to it. | **Attendance** |
| Philadelphia University pays special attention to the issue of academic integrity, and the penalties stipulated in the university's instructions are applied to those who are proven to have committed an act that violates academic integrity, such as cheating, plagiarism (academic theft), collusion, intellectual property rights. | **Academic Integrity** |

**Program Learning Outcomes to be Assessed in this Course**

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| --- | --- | --- | --- | --- |
| **Targeted Performance level** | **Assessment Method** | **Course Title** | **Learning Outcome** | **Number** |
| **75% of students get a score of 90% or above** | **Final project** | **Cost Accounting**  | **Explain and Define the conecpts and principles of cost in various sectors especially in manufacturing sectors- Prepare all kinds of budgets: Operation budgets and flexible budgets** | **KP2** |

**.Description of Program learning Outcomes Assessment Method**

|  |  |
| --- | --- |
| **Detailed Description of Assessment** | **Number** |
| **Final project- Using the Excell program to prepare budgets** | **KP2** |

|  |
| --- |
| Final Project - CVP analysis |
| Unit Title | Cost Accounting |
| Issue Date | 17.10.2022 |
| Instructions:  | Required: For the CVP analysis element of the assignment, you should:* Decide on how many tickets you will sell and calculate potential revenue
* Identify the cost of everything – e.g. DJs, security, lighting costs, etc.
* You do not need to calculate the cost of the drinks sold as this will be tricky. However, you do need to consider the cost of one free drink per customer
* Identify the fixed and variable costs
* Calculate the potential profit, profit margin

**Calculate the break-even point*** Your financial details – this must include details of all the costs involved in the whole organisation and running of the event. You must also provide details of your break-even point
 |

* **Use the following table to perform the CVP analysis:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Units sold** | **Fixed cost** | **Variable cost per person** | **Total Costs** | **Sales** | **profit/loss** |
| 0 | £3,000 | 40 | £3,000 | £0 | -£3,000 |
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Rubric -Cost-Volume-Profit Graphing Exercise

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| --- | --- | --- | --- |
|  | **Exemplary** | **Competent** | **Beginning** |
| **Graphing Skills** | All appropriate financial data was transferred from the problem to both charts and located on the chart. Written annotations on charts reflect an understanding of transferring of mathematical information to a visual presentation and how to use the chart to convey the information. | At least 75% of the appropriate financial data was transferred from the problem to both charts and located on the chart correctly. Most of the written annotations on charts reflect an understanding of transferring of mathematical information to a visual presentation and the chart to conveyed a majority of the correct information. | Little or none of the appropriate financial data was transferred from the problem to both charts. Little or none of the financial data was located on the chart correctly. Written annotations on charts do not reflect an understanding of transfering of mathematical information to a visual presentation. The student was not able to use the chart to convey the information. |
| **CVP Concepts** | The CVP chart for last year's results correctly represents the BE point, profit or loss, and the maximum performance. This year, the CVP chart correctly represents the BE point, profit or loss, and the maximum performance. | The CVP chart for last year's results correctly represents the BE point and either profit or loss, or the maximum performance, but not both. For this year, the advertising expense was added. For the current year, the CVP chart correctly represents the BE point, and either this year's profit or loss or the maximum performance, but not both. | The CVP chart for last year's results does not correctly represent the BE point, profit or loss, and the maximum performance. The student did not correctly use this year's data or, using the data presented for this year, the CVP chart does not correctly represent the BE point, this year's profit or loss, and the maximum performance. |
| Graphical Analysis | The chart design properly shows the financial data from the problem. The student appears to have read and interpreted the chart consistent with the graphical depiction. | The chart design properly shows at least 75% of the financial data from the problem. The student appears to have read and interpreted the chart consistent with the graphical depiction, even if the depiction has errors. | The chart design does not properly show the financial data from the problem. The student has not read and interpreted the chart consistent with the graphical depiction. |