**Daffodil International University (DIU)**

**Faculty of Science and Information Technology**

**Department of Computer Science and Engineering**

**B.Sc. in Computer Science and Engineering**

**Semester: Fall-2020**

**INSTRUCTOR AND CONTACT INFORMATION**

**Course Title : *Financial and Managerial Accounting***

**Course Code :** ACT-211

**Course Instructor :** Repon Miah, Senior Lecturer (Accounting), Department of Business Administration, Faculty of Business & Entrepreneurship, Daffodil International University

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**COURSE DESCRIPTION**

This course covers an introduction to financial accounting and managerial accounting with a focus on topics relevant to managerial decision making. The course has two distinct elements: financial accounting with a focus on understanding of basic accounting concepts, financial statements and management accounting with an emphasis on costing, budgeting, and control.

**LEARNING OUTCOMES**

Upon successful completion of this course, students will be able to:

* Describe the accounting information system and the external financial reporting process;
* Construct an accounting information system and generate financial statements;
* Interpret information contained in published financial statements;
* Analyze and interpret cost information and present this information in a form that is usable by management.

**COURSE CONTENTS**

|  |  |  |
| --- | --- | --- |
| **Chapters** | **Titles** | **Details** |
| **Financial Accounting** | | |
| **1** | **Introduction & Accounting in action** | Definition of Accounting, History of Accounting, Users of Accounting Data, Accounting and Bookkeeping, Ethics in Financial Reporting, GAAP, Forms of Business Ownership, Basic Accounting Equation, Transaction Analysis, Financial Statements. |
| **2** | **The Recording Process** | The Account: Debits and Credits, Expansion of the Basic Equation, Steps in the Recording Process: The journal, The Ledger, The Trial Balance: Limitations of a Trial balance, Locating Errors. |
| **3** | **Adjusting the Accounts** | Timing Issues, The Basics of Adjusting Entries, The Adjusted Trial Balance and Financial Statements. |
| **4** | **Completing the Accounting Cycle** | Using a Worksheet, Closing the Books, Summary of the Accounting Cycle, The Classified Balance Sheet. |
| **Managerial Accounting** | | |
| **5** | **Cost concept, Classification and Statement** | General Cost Classification, Product Cost versus Period Cost, Cost Classifications on Financial Statements, Product Cost Flows, Cost Classifications for Predicting Cost Behavior, Cost Classifications for Assigning Costs to Cost Objects, Cost Classification for Decision Making, Preparation of Cost of Goods Sold and Income Statement. |
| **6** | **Cost- Volume Profit Analysis** | Variable cost, Fixed Cost, Contribution Margin, CM Ratio, Target Profit, Break-even Analysis, Margin of Safety, etc. |

**Recommended Texts:**

1. Accounting Principles (13th edition/Latest edition) by Weygandt, Kieso& Kimmel
2. Managerial Accounting (14th edition/Latest edition) by Ray H. Garrison & Eric W. Noreen

**Reference Text:**

1. Cost Accounting- A Managerial Emphasis (13th Edition) by C.T. Horngren, S.M. Datar, G. Foster, M Rajan& C. Ittner

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| --- | --- |
| Class Attendance | 07 |
| Quizzes(3) | 15 |
| Presentation(1) | 08 |
| Assignment(3) | 05 |
| Mid-Term | 25 |
| Semester Final | 40 |
| Total | 100 |

**Marks Distribution:**

**Grading System:**

|  |  |  |
| --- | --- | --- |
| **Numerical Grade** | **Letter Grade** | **Grade Point** |
| 80% and above | A+ [Plus] | 4.0 |
| 75% to less than 80% | A [Regular] | 3.75 |
| 70% to less than 75% | A- [Minus] | 3.5 |
| 65% to less than 70% | B+ [Plus] | 3.25 |
| 60% to less than 65% | B [Regular] | 3.0 |
| 55% to less than 60% | B- [Minus] | 2.75 |
| 50% to less than 55% | C+ [Plus] | 2.50 |
| 45% to less than 50% | C [Regular] | 2.25 |
| 40% to less than 45% | D | 2.0 |
| Less than 40% | F | 0.0 |

**Counseling Hours:**

|  |  |  |  |
| --- | --- | --- | --- |
| Day | Time | | |
| *Saturday* | *Day Off* | | |
| Sunday | 10:00AM-11:20 AM |  | 04:00PM-05:20PM |
| Monday |  | 11:30AM-12:50PM |  |
| Tuesday |  |  |  |
| Wednesday |  | 11:30AM-12:50PM |  |
| Thursday |  |  | 04:00PM-05:20PM |