

## **COURSE INFORMATION**

<b>Course Prefix/Number:</b>	<b>ACC 230</b>
<b>Course Title:</b>	<b>Cost Accounting I</b>
<b>Lecture Hours/Week:</b>	<b>3.0</b>
<b>Lab Hours/Week:</b>	<b>0.0</b>
<b>Credit Hours/Semester:</b>	<b>3.0</b>

[Distance Learning Attendance/VA Statement](#)  
[Textbook Information](#)

## **COURSE DESCRIPTION**

This course is a study of accounting principles involved in job order cost systems.

## **COURSE COMPETENCIES**

Upon successful completion of the course, the student will be competent in performing the following tasks.

### **MODULE I – INTRODUCTION TO JOB ORDER COST ACCOUNTING**

- Distinguish between direct costs and indirect costs.
- Explain variable costs and fixed costs.
- Outline the seven-step approach to job costing.
- Distinguish actual costing from normal costing.
- Dispose of underallocated or overallocated manufacturing overhead costs at the end of the fiscal year using alternative methods.
- Apply variations from normal costing.

### **MODULE II – ACTIVITY BASED COST SYSTEMS & DIRECT COST VARIANCE**

- Distinguish between simple and activity-based costing systems.
- Cost products or services using activity-based costing.
- Evaluate the costs and benefits of implementing activity-based costing systems.
- Describe the advantages of budgets.
- Prepare the operating budget and its supporting schedules.
- Develop flexible budgets and compute flexible-budget variances and sales volume variances.
- Explain why standard costs are often used in variance analysis.
- Compute price variances and efficiency variances for direct-cost categories.
- Explain how managers use variances.

### **MODULE III – OVERHEAD COST VARIANCE**

- Compute the variable overhead flexible-budget variance, the variable overhead efficiency variance, and the variable overhead spending variance.
- Compute the fixed overhead flexible-budget variance, the fixed overhead spending variance, and the fixed overhead production-volume variance.

- Show how the 4-variance analysis approach reconciles the actual overhead incurred with the overhead amounts allocated during the period.
- Calculate overhead variances in activity-based costing.
- Compute income under absorption costing and variable costing, and explain the difference in income.
- Differentiate throughput costing from variable costing and absorption costing.

#### **MODULE IV – JOB ORDER COST SYSTEM – ACCOUNTING FOR OVERHEAD**

- Describe linear cost functions and three common ways in which they behave.
- Outline six steps in estimating a cost function using quantitative analysis.
- Describe three criteria used to evaluate and choose cost drivers.
- Distinguish the cumulative average-time learning model from the incremental unit-time learning model.
- Use the five-step decision-making process to make decisions.
- Distinguish relevant from irrelevant information in decision situations.
- Explain the opportunity-cost concept and why it is used in decision making.
- Know how to choose which products to produce when there are capacity constraints.
- Explain how conflicts can arise between the decision model used by a manager and the performance-evaluation model used to evaluate the manager.

#### **METHODS OF INSTRUCTION**

The instructor will use a college accounting instructional system which should satisfy the learning needs of students enrolled in Cost Accounting I. This instructional system will include a discussion on each chapter to be covered along with demonstrations on methods for understanding, solving, and recording cost accounting principles. Students will be given exercises and problems correlated with the performance objectives and principles and procedures introduced in each chapter. The instructor will provide solutions to assigned problems and exercises.

#### **COURSE REQUIREMENTS**

The student is responsible for attaining competencies through completion of the following course requirements:

- attending class
- reading assigned chapters
- completing assigned homework exercises, problems

#### **ACADEMIC INTEGRITY**

The policies stated in the York Technical College Handbook will be enforced. Any student violating the policy will be subject to academic discipline.

#### **ATTENDANCE POLICY**

The traditional (in-class) student is expected to follow the York Technical College attendance policy allowing a maximum of 20% absences during the semester. The on-line student is expected to meet all requirements as outlined on the course calendar. On-line students must log into the course within two weeks (10 days) of the semester starting date or the student will be withdrawn from the course.

## **TEST POLICY**

Students will be required to take four module assessments. Students should be present to take all assessments on the assigned day noted on the course calendar. The on-line student must take all assessments in the Assessment Center by the date outlined on the course calendar.

## **GRADING PROCEDURES**

The student will be given four module assessments as indicated on the course calendar.

MODULE 1 25%  
MODULE 2 25%  
MODULE 3 25%  
MODULE 4 25%

The grading scale is as follows:

GRADE	EXAM SCORE
A	90-100
B	80-89
C	70-79
D	60-69
F	BELOW 60

## **ENTRY-LEVEL SKILLS**

A student entering this course should have demonstrated knowledge of the basic accounting principles.

## **PREREQUISITES**

ACC 102 with a minimum grade of "C"

## **CO-REQUISITES**

None

## **DISABILITIES STATEMENT**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.