Course Syllabus

Department: Business

Date: October 1, 2012

I. Course Prefix and Number: ACC102

   Course Name: Principles of Managerial Accounting

   Credit Hours and Contact Hours: 4 credit hours and 4 contact hours

   Catalog Description including pre- and co-requisites:

   This course is an introductory course in managerial accounting. Fundamentals cost accounting concepts, financial statement analysis, profitability analysis, budgeting and decision making issues will be discussed. Prerequisite: ACC 101.

   Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:

   Required in most business programs.

II. Course Student Learning Outcomes: State the student learning outcome(s) for the course (e.g. Student will be able to identify...)

At the completion of this course, students will:

   : identify the differences between managerial and financial accounting
   : construct and analyze a cash flow statement using the indirect method.
   : analyze financial statements using horizontal analysis, vertical analysis and ratios
   : identify fixed, variable and mixed costs.
   : calculate break-even points
   : analyze the impact on profitability of management cost and pricing decisions
   : demonstrate the use of cost drivers to accumulate costs
   : Identify direct and indirect costs
   : allocate joint costs
   : prepare budgets for various types of business operations
   : prepare flexible budgets and analyze variances
   : calculate standard costs of a product or service and identify and analyze variances from standard
   : evaluate capital budgeting decisions.

   College Learning Outcomes Addressed by the Course: (check each College Learning Outcome addressed by the Student Learning Outcomes)

   X writing
   X computer literacy
   X oral communications
   X ethics/values
   X reading
   ☐ citizenship
III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): For each identified outcome checked, please provide the specific assessment measure.

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writing</td>
<td>Preparation of case studies and written exams</td>
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<tr>
<td>Oral Communication</td>
<td>Class presentation of problem solutions and case studies</td>
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<tr>
<td>Reading</td>
<td>Tests and homework will assess reading</td>
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<tr>
<td>Mathematics</td>
<td>Tests and homework</td>
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<tr>
<td>Critical Thinking</td>
<td>Tests and homework problems</td>
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<tr>
<td>Computer Literacy</td>
<td>Comprehensive problems utilizing computer software.</td>
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<tr>
<td>Ethics/values</td>
<td>Case studies and classroom discussion.</td>
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</tbody>
</table>

IV. Instructional Materials and Methods

Types of Course Materials:

Textbook, publisher's website and assorted additional websites.

Methods of Instruction (e.g. Lecture, Lab, Seminar …):

Lecture with embedded labs.

V. General Outline of Topics Covered:

I. Overview of Managerial Accounting
   - Differences between Managerial and Financial Accounting
   - Product costs in manufacturing companies
   - Product costs in service companies
   - Emerging trends in managerial accounting

II. Cost Behavior and Profitability Analysis
   - Fixed cost behavior
- Variable cost behavior
- Contribution margin
- Relevant range
- Estimating fixed and variable costs

III. Cost, Volume, Pricing Analysis

- Unit contribution margin
- Breakeven point
- Using contribution approach to estimate the effects of changes in sales price, variable costs and fixed costs

IV. Cost Accumulation, Tracking and Allocation

- Use of cost drivers to accumulate costs
- Direct and indirect costs
- Establishment of cost pools
- Allocation of joint costs

V. Planning for Profit and Cost Control

- The planning process
- Budgeting

VI. Performance Evaluation

- Flexible budgets
- Determination and analysis of budget variances
- Standard costs
- Manufacturing cost variances
  - Price and Usage variances
  - Variable overhead variances
  - Fixed overhead variances

VII. Responsibility Accounting

- Responsibility reports
- Managerial performance measurement
- Responsibility centers

VIII. Planning for Capital Investments

- Capital Investment decisions
- Time value of money
- Techniques for analyzing capital investments
- Techniques for measuring investment cash flows
- Techniques for comparing alternative capital investment opportunities.
IX. Product Costing in Service and Manufacturing Entities
   - Cost flows and reporting in a manufacturing environment
   - Cost flows and reporting in a service environment.

X. Financial Statement Analysis
   - Horizontal analysis
   - Vertical analysis
   - Ratio analysis
   - Strengths and limitations of analytical tools.

XI. Cash Flow Statements – Indirect Method.