**Course Description**

This course introduces students to management accounting to equip students to make effective and efficient use of accounting information in managerial decisions. The course surveys several topics including cost behavior, budgeting, responsibility accounting, cost control, and product costing. Real-world examples from the local context will be discussed in class and students will have the opportunity to interact with invited guest speakers from the local business community.

**Learning Objectives**

By completing this course, students will:

- Understand what managerial accounting is and why it is important.
- Describe concepts of managerial accounting.
- Apply financial analysis of accounting for costs.
- Relate cost information to decision-making needs of the organization.
- Understand the role of capital investments and the time value of money.

**Course Prerequisites**

Students will preferably have completed an introductory course in accounting or financial accounting.

**Methods of Instruction**

The course will be taught using lectures, seminars, problem set discussions, and field trips. Classroom activities will involve group work and discussions of the problem sets assigned as homework. Invited guest speakers will add to the learning objectives of this course.

**Assessment and Final Grade**

1. Homework Assignments 20%
2. Quizzes 20%
3. Mid-Term Exam 15%
4. Final Exam 25%
5. Participation 20%

**Course Requirements**

**Homework Assignments**

These online homework assignments will help students practice to master the course material. A total of ten assignments will be assigned in weeks two through to six (inclusive), with each homework assignment worth 2%. The homework problems will be administered and graded through Canvas.

**Quizzes**
From weeks two through to six (inclusive) students will complete a quiz on the Friday of each week. Quizzes will comprise of ten questions, totaling 50 questions throughout the entirety of the course. Each set of ten quiz questions is worth 4% of your course grade.

**Mid-Term Exam**

**Final Exam**

Exams will consist of multiple-choice questions and problems that cover material discussed in class lectures, assigned readings, homework problems, quizzes and online activities. You can use these to assist in your study. Note that this course tests learning rather than rote memorization. Therefore, exam questions are often structured differently than problems you have seen before. This is not an attempt to trick you. Rather, if you understand the concepts, you should be able to apply those concepts in a variety of settings. If you have just memorized problem solutions, then you will have difficulty.

Students are required to bring a calculator that performs addition, subtraction, multiplication and division for use during examinations. Any device that is capable of storing text, facilitating communication, recording sound, capturing images and/or can be programmed will not permitted. Financial calculators may be used. This policy will be strictly enforced. Please note that the instructor is not responsible for providing a calculator to students who do not bring a suitable calculator of their own to the examination sessions.

Once an examination session has started, students will be required to remain in the classroom until they have completed their exam. Leaving the classroom during the exam session will result in a student’s exam being collected and graded as it is at the time of their departure. During exam sessions, all personal effects are to be stowed under or next to the student’s seat in a closed backpack or briefcase. Candies and/or cough drops may be brought to exam sessions unwrapped in a clear plastic bag. Water may be brought to exams in a label-free, clear plastic bottle. These requirements are in the interest of maintaining a fair examination environment, where students can be confident that sufficient measures are taken to prevent anyone from gaining an unfair advantage in completing their exam.

**Participation**

Participation is valued as meaningful contribution in the digital and tangible classroom, utilizing the resources and materials presented to students as part of the course. Meaningful contribution requires students to be prepared in advance of each class session and to have regular attendance. Students must clearly demonstrate they have engaged with the materials as directed, for example, through classroom discussions, online discussion boards, peer-to-peer feedback (after presentations), interaction with guest speakers, and attentiveness on co-curricular and outside-of-classroom activities.

**Attendance**

Regular class attendance is required throughout the program, and all absences will result in a lower participation grade for any affected CIEE course. Due to the intensive schedules for Open Campus and Short Term programs, absences that constitute more than 10% of the total course will result in a written warning.

Students who transfer from one CIEE class to another during the add/drop period will not be considered absent from the first session(s) of their new class, provided they were marked present for the first session(s) of their original class. Otherwise, the absence(s) from the original class carry over to the new class and count against the grade in that class.

For CIEE classes, excessively tardy (over 15 minutes late) students must be marked absent.

Attendance policies also apply to any required co-curricular class excursion or event, as well as to any required field placement. Students may not miss placement/work hours at an internship or service learning site unless approved in advance by the Academic Director and placement supervisor. All students must complete all of the requisite 100 minimum work hours on site at the internship or service learning placement to be eligible for academic credit.

Students who miss class for personal travel, including unforeseen delays that arise as a result of personal travel, will be marked as absent. No make-up or re-sit opportunity will be provided.

Attendance policies also apply to any required class excursion, with the exception that some class excursions cannot accommodate any tardiness, and students risk being marked as absent if they fail to be present at the appointed time.

Absences for classes will lead to the following penalties:
N.B. Course schedule is subject to change due to study tours, excursions, or local holidays. Final schedules will be included in the final syllabus provided to students on site.

### Weekly Schedule

#### Week 1

**Class: 1.1 Introduction to Class / Overview of Managerial Accounting Concepts**

Students will gain an initial understanding of how managerial accounting concepts are used in business to make decisions.

Managerial Accounting, chapter 1.

#### Week 2

**Class: 2.1 Building Blocks of Managerial Accounting**

Students learn the basic terminology through which managers and accountants communicate and apply the building blocks of managerial accounting.

Managerial Accounting, chapter 2

**Homework assignment 1 Due**

**Class: 2.2 Job Costing**

Students learn to differentiate different types of costs used in managerial accounting, apply basic terminology to solve problems, and evaluate how management uses cost information to make business decisions.

Managerial Accounting, chapter 3

**Homework assignment 2 Due**

**Class: 2.3 Outsourcing and Cost Planning**

Students will visit a specialist organization in outsourcing and project management to explore and examine methods used in cost planning on large scales.

**Quiz assignment 1 due**

#### Week 3

**Class: 3.1 Activity-Based Costing, Lean Production, and the Costs of Quality**

Students will learn and apply several tools managers use, such as refined costing systems and lean production techniques.
operations. They will analyze the benefits and limitations of activity-based costing (ABC) and activity-based management (ABM) systems.

Managerial Accounting, chapter 4

**Homework assignment 3 due**

**Class: 3.2 Process Costing**

Students learn about a company’s accumulation of various costs and familiarize themselves with the process costing system. They will be able to distinguish between process cost accumulation system and job cost accumulation system.

Managerial Accounting, chapter 5

**Homework assignment 4 Due**

**Class: 3.3 Midterm**

**Quiz assignment 2 Due**

**Week 4**

**Class: 4.1 Cost Behavior**

Students will learn how a company’s costs change as volume changes and how a company determines its cost structure. They will work with equations to estimate what costs will be in the future at different volume levels.

Managerial Accounting, chapter 6

**Homework assignment 5 Due**

**Class: 4.2 Cost-Volume-Profit Analysis I**

Students will perform a cost-volume-profit (CVP) analysis for a company and determine how CVP analysis aids company management in making business decisions.

Managerial Accounting, chapter 7

**Homework assignment 6 Due**

**Class: 4.3 Cost-Volume-Profit Analysis II**

Students will visit a local business to examine a case study where cost-volume-profit (CVP) analysis affected significant business decisions.

**Quiz assignment 3 due**

**Week 5**

**Class: 5.1 Short-term Business Decisions**

Students will learn about the incremental analysis approach and understand how managers use their knowledge of different cost behaviors to make short-term business decisions.

Managerial Accounting, chapter 8

**Homework assignment 7 Due**

**Class: 5.2 Master Budget and Responsibility Accounting**

Students will learn how a company’s planning process is built around budgets and will understand how budgets are used to maintain a company’s success and what a master budget is.

Managerial Accounting, chapter 9

**Homework assignment 8 Due**
Class:  5.3  Budget in Practice

Students will visit a host environment business to learn from successful managers the importance and value of a rigorous budget planning and reporting process.

**Quiz assignment 4 due**

**Week 6**

Class:  6.1  Performance Evaluation / Standard Cost and Variances

Students will gain an understanding of responsibility accounting, decentralizing processes, and different tools of performance evaluation. They will also learn how and why standard costs are used by companies and how they help to control costs.

Managerial Accounting, chapters 10 and 11

**Homework assignment 9 due**

Class:  6.2  Capital Investments and the Time Value of Money

Students will gain an understanding of capital budgeting and compare different methods of capital budgeting used by businesses.

Managerial Accounting, chapter 13

**Homework assignment 10 due**

Class:  6.3  Final Examination

**Quiz assignment 5 due**

**Course Materials**

**Readings**