



ACCT 251 Managerial Accounting and Controls

Course Description

- This course will cover in-depth the cost and management accounting concepts that will enable you to make decisions, including interpreting business situations, identifying available options, interpreting their impacts on financial statements and stakeholders, and clearly and articulately recommending a course of action.
- As an essential part of the MPAc program, this course will prepare you effectively for relevant elements in the CPA exam, with integrated data analytics and visualization.
- More generally, this course will teach you real-world business insights/ethics/tools/skills that you will find helpful in your personal lives and careers.
- To achieve these objectives, this course examines the internal creation/use of accounting information in planning, controlling, and decision-making. In addition, it incorporates data analytics and visualization tools like Excel and Tableau.

Course Materials

Farmer, Karen Congo, and Fredin, Amy (FF hereafter). *Cost Accounting: With Integrated Data Analytics*, 2022, Wiley. ISBN: 978-1119731863

You are required to use WileyPlus to complete chapter-end homework. Please purchase WileyPlus (for homework) and get the access to the electronic version of the textbook (e-Book) through UC Davis Inclusive Access Program.

UC Davis Inclusive Access Program:

- a. Chapter-end problems of this course will be completed in WileyPlus, an online platform which includes the required textbook (as an e-book).
- b. Discounted access for WileyPlus is provided through the UC Davis Inclusive Access Program and will be billed to your student account.
- c. You can access all WileyPlus homework from ACC 251 Canvas site.

Course Assessments

Assignment/Assessment	Points Per Assessment	Total Points	Weight on Final Grade
Ten homework sets	20	200	20%

Two data analytics problem sets	50	100	10%
Ten in-class exercises	10	100	10%
Midterm exam (week 6 in class)	300	300	30%
Final exam (finals week)	300	300	30%

Graded Assignment and Assessment Information

- There are ten homework assignments, one per week, to review most of the weekly learning objectives. You are to complete and turn in answers to all these questions. These assignments will be uploaded as Word or Excel documents at least 24 hours before the next class.
- There are two data analytics problem sets, which focus on costing and budgeting, respectively. We will use Excel and Tableau for the data analytics problem sets.
- There are ten in-class exercises illustrated and done together in class. You are to submit the exercise within 24 hours after class.
- Late submissions within 24 hours after the deadline are accepted but will receive only half the credit. As time allows, instructors will go over the answers with the class.

Midterm and Final Exams:

There will be a midterm exam and a final exam. The midterm will be taken during your sixth class session. The final will be taken during finals week. The final exam will only include material on chapters covered since the mid-term exam (i.e., the final is not intended to be cumulative, but the material does build on itself to some degree)

Un-Graded Assignment and Assessment Information

Textbook Readings:

Each weekly lecture generally follows the material in your textbook as outlined below in the weekly schedule. I strongly encourage you to read the textbook material before viewing the weekly lecture, as you will get much more out of the lectures if you read the book chapters first.

Course Schedule

Week 0 – Course Preparation

Readings: FF Chapter 0: A Refresher of Managerial Accounting

Week 1 – Cost Accounting Concepts

Readings: FF Chapters 1-2: Cost Accounting Has Purpose; Refresher on Cost Terms

Week 2 –Cost Behavior and Cost-Volume-Profit Relationships

Readings FF Chapter 3- 4: Cost Behavior and Cost Estimation; Cost-Volume-Profit Analysis

Week 3– Job Order Costing

Readings: FF Chapter 8: Job Costing Visualized

Week 4 – Process Costing and Variable Costing

Readings: FF Chapter 11-12: Process Costing; Absorption versus Variable Costing

Week 5 – Activity-based Costing

Readings: FF Chapter 9: Activity-Based Costing

Week 6 – Master Budgeting & Midterm Week

Readings: FF Chapter 6: Mastering the Master Budget

Week 7 – Decision Making: Relevant Costs and Joint Costs

Readings: FF Chapters 5 and 15: Relevant Costs for the Decision Maker; Joint Costs and Decision Making

Week 8 – Capital Budgeting

Readings: FF Chapter 7: Capital Budgeting Choices and Decisions

Week 9 - Flexible Budgets and Performance Analysis

Readings: FF Chapters 10 and 17: Variance Analysis and Standard Costing (Covering Flexible Budgets); Management Control Systems and Transfer Pricing (Covering Performance Analysis)

Week 10 - Performance Measurement in Decentralized Organizations

Readings: FF Chapter 18: Business Strategy, Performance Measurement, and the Balanced Scorecard

Finals Week - Final Exam

Program Mission

The mission of the UC Davis Graduate School of Management is to be a global leader in management research and education. As part of the world's premier public university system, we pursue significance, excellence, and scholarly rigor in our research, teaching and service to the people of California. We emphasize curiosity, creativity and high standards in the generation and transmission of theoretical and practical knowledge relevant to business.

Honor Code and Academic Integrity

Academic integrity exists when students and faculty seek knowledge honestly, fairly, with mutual respect and trust, and accept responsibility for their actions and the consequences of those actions. Without academic integrity, there can be no trust or reliance on the effectiveness, accuracy, or value of a University's teaching, learning, research, or public service activities. It is therefore key that we understand what academic integrity is, why it is important, and how to help it flourish on college campuses.

1. It is expected that all class members will treat each other with respect and dignity.
2. It is not acceptable behavior to insult, harass, or demean any member of the class.
3. Professional business behavior should be modeled in the classroom, including the use of appropriate language, jokes, or stories.

Code of Academic Conduct

This Code of Academic Conduct exists to support high standards of behavior and to ensure fair evaluation of student learning. Students who violate the Code of Academic Conduct are subject to disciplinary sanctions that include censure, probation, suspension, deferred separation or dismissal from the University of California.

Please see the link below for more information.

<http://sja.ucdavis.edu/files/cac.pdf>

UC Davis Principles of Community

The University of California, Davis, is first and foremost an institution of learning and teaching, committed to serving the needs of society. Our campus community reflects and is a part of a society comprising all races, creeds and social circumstances. The successful conduct of the university's affairs requires that every member of the university community acknowledge and practice the following basic principles:

We affirm the inherent dignity in all of us, and we strive to maintain a climate of justice marked by respect for each other. We acknowledge that our society carries within it historical and deep-rooted misunderstandings and biases, and therefore we will endeavor to foster mutual understanding among the many parts of our whole.

We affirm the right of freedom of expression within our community and affirm our commitment to the highest standards of civility and decency towards all. We recognize the right of every individual to think and speak as dictated by personal belief, to express any idea, and to disagree with or counter another's point of view, limited only by university regulations governing time, place and manner. We promote open expression of our individuality and our diversity within the bounds of courtesy, sensitivity and respect.

We confront and reject all manifestations of discrimination, including those based on race, ethnicity, gender, age, disability, sexual orientation, religious or political beliefs, status within or outside the university, or any of the other differences among people which have been excuses for misunderstanding, dissension or hatred. We

recognize and cherish the richness contributed to our lives by our diversity. We take pride in our various achievements, and we celebrate our differences.

We recognize that each of us has an obligation to the community of which we have chosen to be a part. We will strive to build a true community of spirit and purpose based on mutual respect and caring.

For more information, please review the Academic Conduct Booklet:

https://gsm.ucdavis.edu/sites/main/files/file-attachments/academic_conduct_booklet_fall_2014.pdf