

## **ACCT 2302 - PRINCIPLES OF MANAGERIAL ACCOUNTING**

### **Sections 001, 002, & 003**

**Term:** Fall 2024

**Professor:** David Marks

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**Email:** [dmarks@UTTyler.edu](mailto:dmarks@UTTyler.edu)

#### **Office Hours:**

- **TuTh:** 3:45pm – 4:45pm
- **W:** 11:00am – 1:00pm
- **MF:** online by appointment, only:
  - Please make an online appointment **via the link below**, at least 12 hours in advance to ensure availability.

 [Book time to meet with me](#)

A Microsoft Teams link will be provided in appointment confirmation.

Office hours are open times when you may stop by without an appointment. Be aware that there may be others that come by at the same time. I will do my best to accommodate everyone.

If that does not fit your schedule, I am open to seeing what time would work for you. Please reach out to me through Canvas.

#### **Preferred Means of Communication**

In an effort to ensure that I can respond to your needs promptly and efficiently,

- Email me directly, or
- Visit me during my office hours. I can use either Zoom or meet personally...the choice is yours.

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### **Course Overview**

This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies, cost behavior, operational and capital budgeting, and performance evaluation.

**Prerequisite:** Acct 2301

## Student Learning Outcomes

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

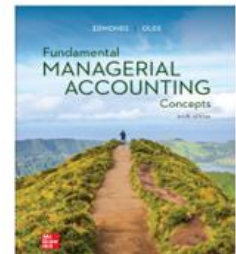
- Identify the role and scope of financial and managerial accounting and the use of accounting information in the decision-making process of managers.
- Identify and assign product and period costs.
- Examine the impact of product and period costs on financial statements.
- Define operational and capital budgeting, and explain its role in planning, control, and decision making.
- Prepare an operating budget, identify its major components, and explain the interrelationships among its various components.
- Explain and apply methods of performance evaluation.
- Demonstrate use of accounting data in the areas of product costing, cost behavior, cost control, and operational and capital budgeting for management decisions.

## Required Textbooks and Readings

*Please read the following carefully as there are several different options for you to purchase this book and the Connect access.*

**Textbook:** *Fundamental Managerial Accounting Concepts*, **10th Edition**, Edmonds and Olds, (McGraw Hill).

- **Purchase direct from publisher (least expensive option).** When you access the publisher via Canvas (M-H Connect), you will be prompted for your purchase option:
  - eBook and Connect, only (**min required**):
    - ISBN 9781266330742
  - eBook, Connect, and looseleaf text (**optional**)
    - ISBN 9781266914997
- **Purchase from the bookstore**
  - Same ISBN, as above



A student of this institution is not under any obligation to purchase a textbook from a university-affiliated bookstore. The same textbook may be also available from an independent retailer, including an online retailer. I only require that you purchase the Connect code since it comes with a free eBook. **You must purchase the Connect access code in order to complete online homework and accounting problems. I accept HW submitted through Connect only. I will not accept HW submitted as email attachment or in any other form.**

**What are all your Connect purchasing options?**

- Purchase an online access code from [mheducation.com](http://mheducation.com).
- Purchase an access card from the bookstore.
- Purchase through course Canvas page; select M-H Connect on the course Canvas menu.
  - You can utilize temporary access to receive a two-week free trial.

The eBook with Connect access is the cheapest option but most students find it much easier to use and follow along in class with an actual hardback textbook. Be aware that if you choose to only purchase the Connect code and use an e-book, the code is only valid for one semester (180 days).

Do not use Internet Explorer as your browser. Please use **Chrome or Firefox** as your browser for Connect. I am told those suffer from fewer problems than other browsers.

**Please see Canvas under the heading of “Getting Started” for the registration instructions.** Contact CONNECT tech Support if you are having issues with their web site: 800-331-5094.

**Caution:** Connect grades your homework automatically, so your answer must be exact. If the solution requires two decimal points, 38.20 is correct, but 38.2 is not. Similarly, if the solution requires that the answer be in percentages, 28% is correct but .28 is not. If you find that your solution is marked incorrect when you use the “Check Answer” feature, make sure you have expressed your solution exactly as the problem requires.

**Important note:** Once a student has started a study attempt in Connect, the due date of the assignment cannot be changed. Also, students who have started a study attempt are not eligible for an assignment extension. Students who have not started a study attempt are eligible for an assignment extension.

## Special Course Notes:

### Canvas Mobile App

Canvas has created Canvas Student to help students access their courses while they are away from a computer browser. ***The Canvas Student app comes in handy for checking messages, announcements, and grades.***

#### How to Install the Canvas App

1. On your mobile device, open the App Store.
2. Search for Canvas Student or Canvas Teacher
3. Select the appropriate app, then download and install it.

#### How to Log in to the Canvas App

The first time you log in, you will need to identify your institution and log in with your UT Tyler user ID and password.

1. Open the Canvas app.
2. Tap Find Your School or District.
3. Type the name of your institution. When the full name appears in the search list, tap the name.
4. Type your UT Tyler user ID and password, then tap Login.
5. On the verification page, tap Log In.
6. Your Canvas dashboard will open.



## Course Structure

- The class meets twice per week in an in-person lecture format.
  - **Do not wait until class to see the material for the first time.**
    - The syllabus will provide you with a framework for scheduling your time.
    - Be a self-starter. This means, read the chapter and attempt homework before you come to class.
      - This will enable you to focus your time, in class, addressing the areas you do not understand.
- The course is comprised of work both inside and outside of class.
  - In class:
    - Lecture
    - Working problems
  - Outside of class:
    - Reading
    - Homework
    - Semester project

## Classroom Policies and Expectations

- All assignments must be completed on or before the due dates and before class begins on that date. **Late assignments may be allowed with a penalty for late work**, unless there are emergency situations and documentation is provided (e.g., doctor's note, subpoena, accident report, etc.).
- **Attendance/Preparation/Participation:** The class is a combination of publisher videos, lectures, and in-class work. You may be working in groups or individually. From time to time, you will be called on to participate in discussions, and to do so requires your attendance and preparation.
  - You will understand and absorb the material better if you are prepared and participate in each class period.
  - As the instructor of this course, I will take attendance sporadically. Attendance will be reported on the Census Date, which is a mechanism to mark Federal Student Aid recipients as "...attendance in a course".
  - When assigning a student a grade of F, faculty must report the last date a student attended their class based on evidence such as attendance taken, a test, homework completed, participation in a class project or presentation, or an activity reported via Canvas.

- This date is reported to the Department of Education for federal financial aid recipients.
- In an accounting class, missing just one class can cause you to fall behind.
- **Zoom is not conducive for successful completion of this course.**
  - Zoom or other form of recording is provided as a means for you to review or catch up on work done in class. Zoom is not a substitute for in-class work and participation.
  - Extra credit or additional work assignments may be provided in class. Unless you can provide evidence for an excused absence, failure to be in attendance will forfeit the opportunity for that grade.
  - Lengthy instructions will not be repeated on a one-on-one basis.
- Class starts promptly at the assigned time. If you have a problem that prohibits you from arriving to class on time, please find a seat near the entrance to minimize the disruptions to the classroom.
- Please inform me in advance if you must leave the class before the scheduled ending time. In that case, plan to sit at the back of the room to avoid disruption when you leave.
- Electronic devices (cell phones, pagers, iPods, etc.) must be deactivated during class.
  - **Texting and surfing the internet in class for non-academic purposes is not professional nor is it allowed.**
- Textbooks, materials and calculators should be brought to all classes.
- Courtesy to the instructor and fellow students is expected. Open discussion is encouraged in the classroom, but derogatory remarks and profanity will not be allowed in the classroom.
- **Artificial Intelligence (AI):**
  - UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course (see below) is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy. For this course,
    - You may use AI programs (e.g., ChatGPT) to help generate ideas and brainstorm. However, you should note that the material generated by these programs may be inaccurate, incomplete, or otherwise problematic. Beware that use may also stifle your own independent thinking and creativity.
    - You may not submit any work generated by an AI program as your own. If you include material generated by an AI program, it should be cited like any other reference material (with consideration for the quality of the reference, which may be poor).
- If you have an ongoing medical issue that you feel grants you an exceptions to classroom policies, contact the **Student Accessibility and Resources (SAR)** office to complete the necessary paperwork.
  - Without the necessary information and supporting documentation that qualifies the student for unique accommodations, no exceptions will be granted.
  - See Canvas page for ***Student Resources and University Policies and Information***



## Tips for Success in this Course

1. **Participate.** I invite you to engage deeply, ask questions, and talk about the course content with your classmates. You can learn a great deal from discussing ideas and perspectives with your peers and professor. Participation can also help you articulate your thoughts and develop critical thinking skills.
2. **Manage your time.** I get it—students usually juggle a lot, and I know you've got commitments beyond this class. Still, doing your best often means carving out enough dedicated time for coursework. Try scheduling specific blocks of time and ensure you have enough room to finish assignments, allowing extra space for any tech issues that might pop up.
3. **Login regularly.** I recommend that you log in to Canvas daily to view announcements, discussion posts and replies to your posts.
4. **Do not fall behind.** This class moves at a quick pace and each week builds on the previous class content. If you feel you are starting to fall behind, check in with me as soon as possible so we can troubleshoot together. It will be hard to keep up with the course content if you fall behind in work.
5. **Use Canvas notification settings.** Pro tip! Canvas can ensure you receive timely notifications in your email or via text. Be sure to enable notifications to be sent instantly or daily. ([Canvas Notification Guide](#)).
6. **Ask for help if needed.** If you are struggling with a course concept, reach out to me and your classmates for support.

## Graded Course Requirements

### Homework Assignments

- The purpose of the homework is to provide you with the needed practice to master the concepts.
- The homework will be comprised of videos with related exercises, additional separate exercises, and problems.
- Homework assignments and related detailed information are found on Canvas in individual modules that identify any online and/or in-class assignments.

- Any due date or assignment/project is subject to change at any time by the instructor. Any changes will be announced via Canvas announcement at least one week prior to the due date.
- The purpose of the homework is to provide you with the needed practice to master the concepts. The homework will be comprised of videos with related exercises, additional separate exercises, and problems.
- You will have 2 chances to answer each homework exercise and problem.
  - **If you miss the first attempt, your credit for that question will be reduced by 10%.**
  - It is highly recommended that if you miss the first attempt, you go back and review the related concepts before you make the second and final attempt.

## Exams

- There will be four (4) semester exams.
  - EXAM 1 (Ch 1,2,3) – 25 questions
  - EXAM 2 (Ch 5,11,12) – 25 questions
  - EXAM 3 (Ch 4,7,8) – 25 questions
  - EXAM 4 (Ch 6,10,cumulative) – 40 questions
    - 25 questions from the recent 2 chapters
    - 15 questions from any of the previous chapters
- Review materials are available in the related Canvas module.
- The purpose is to test your understanding of the material and if you have achieved the desired course objectives.
- During exams you will be permitted to have:
  - a four-function calculator or scientific calculator (no programmable calculators),
  - one sheet of blank scratch paper only.
  - **One 3x5 Notecard :** If you have completed all your homework on time, with a minimum of 70% correct, you may have use a 3x5 notecard as a test-taking aid.
    - **Use of a notecard during the exam without completing the homework as described will be considered academic dishonesty and will result in a zero for the exam.**
- **You will not be permitted to use a cellphone, get up from your computer, or take bathroom breaks. Please prepare accordingly.**

## Term Project *(detailed information will be provided in class).*

**Excel Data Analytics Case:** This Excel project shows students how to drill-down into a company's sales and cost data, gaining a deeper understanding of the company's sales and how this information can be used for decision-making. Students will use Excel to analyze the sales and cost transactions for an insurance company. Students will first have to find and correct errors in the data set. Students then will create calculated columns, pivot tables, charts, and other items, and will draw conclusions based on these results.<sup>2</sup>

<sup>2</sup>KAT Insurance Corporation: Introductory Managerial Accounting Data Analytics Case, Instructor Guide, Wendy M. Tietz, Kent State University, Jennifer M. Cainas, University of South Florida, Tracie L. Miller-Nobles, Austin Community College

## Grading Structure

Assignment	Percent of grade	Points	Grading Scale:	
Homework	17.50%	175	100 – 90%	A
EXAM 1 (Ch 1,2,3)	15.00%	150	89.99 – 80%	B
EXAM 2 (Ch 5,11,12)	15.00%	150	79.99 – 70%	C
EXAM 3 (Ch 4,7,8)	15.00%	150	69.99 – 60%	D
EXAM 4 (Ch 6,10,cumulative)	20.00%	200	<60%	F
Excel Project	17.50%	175		
Total	100.00%	1,000		

### Late Work and Make-Up Exams:

**Make-up quizzes and exams** will ONLY be given under extreme extenuating conditions such as, but limited to, hospitalization or medical emergency (including COVID related issues), physical injury, or death of an immediate family member. You MUST provide me proof of your issue in order to qualify for a make-up exam. For extenuating conditions, make-up exams must be taken within three days of your medical release.

- If you have an ongoing medical issue that you feel grants you an exceptions to classroom policies, contact the **Student Accessibility and Resources (SAR)** office to complete the necessary paperwork.
  - Without the necessary information and supporting documentation that qualifies the student for unique accommodations, no exceptions will be granted.
  - See Canvas page for ***Student Resources and University Policies and Information***

**All assignments must be completed on or before 11:59pm on the due dates.** Late assignments may be allowed with a penalty for late work, unless there are emergency situations and documentation is provided (e.g., doctor’s note, subpoena, accident report, etc.).

If you need an extension on the homework, let me know before the due date. Don’t wait until the last minute to request an extension. **NOTE:** Connect won’t allow extensions once you enter STUDY mode.

### University Policies & Student Resources:

Links to Student Resources and University Policies and Information are available in the Canvas module, “UT Tyler Syllabus Module”.

### Important Dates:

- **Monday, Sep 2: Labor Day Holiday**
- **Monday, Sep 9: Census Date;** deadline for all 15-Week session registrations and schedule changes
- **Thursday, Sep 26, Meet the Firms, attendance strongly suggested**
- **Monday, Nov 4: Last Day to Withdraw**
- **Mon-Sat, Nov 25-29: Thanksgiving holiday**



## Student and Professional Organizations

### Beta Alpha Psi & Meet the Firms

Founded in 1919, Beta Alpha Psi is an honor organization for financial information students and professionals. The mission of Beta Alpha Psi, the premier international honor and service organization for financial and business information students and professionals, is to inspire and support excellence by:

- encouraging the study and practice of accountancy, finance, business analytics or digital technology;
- providing opportunities for service, professional development, and interaction among members and financial professionals; and
- fostering lifelong ethical, social, and public responsibilities.

Meet the Firms, hosted by Beta Alpha Psi, is an annual event held on the fourth Thursday of September, where local and regional employers interact with students. This is an excellent opportunity to fine-tune your networking skills and take the first steps to obtain a position with some top companies and organizations! Professional dress is strongly encouraged.

### Texas Society of Certified Public Accountants

Membership Requirements:

The Student Affiliate member category includes part-time and full-time undergraduate and graduate students from two- and four-year colleges or universities majoring in business-related subjects. Upon graduation, a student becomes a candidate.

Student membership in TXCPA includes membership in a local chapter.

**Cost:** Membership dues are **free** for student members. All memberships are renewed annually on June 1.

### Membership Benefits

- Membership in one of 20 local chapters with access to local networking events and service opportunities
- Scholarship opportunities with TXCPA and local chapters recognizing and supporting students every year
- Leadership training opportunities with chapter and state-level volunteer opportunities
- Discounts on CPA Exam prep courses and business services
- List TXCPA on your resume to show future employers your commitment to your profession
- Free job seeker profile on the TXCPA Career Center and access to internship postings
- Access to TXCPA Exchange, an exclusive members-only online forum for questions, knowledge sharing and opportunities to connect with Texas CPAs
- Access to an online searchable member directory of our 28,000 members

TXCPA's member communications keeping you up to date on critical professional issues

# Calendar of Topics, Readings, and Due Dates

Note: This is a tentative schedule, and subject to change as necessary – monitor the course page for current deadlines. All assessments and activities have a due date assigned in Canvas. This will populate the assessments and activities on the To-Do list in Canvas.

In the unlikely event of a prolonged university closing, or an extended absence from the university, adjustments to the course schedule, deadlines, and assignments will be made based on the duration of the closing and the specific dates missed.

Please see the following pages for the tentative schedule.



## Tentative Schedule

DAY	Begin DATE	HW Due DATE	CHAPTER	Learning Objectives	Notes
Tues	27-Aug	28-Aug	Chapter 01 - Management Accounting and Corporate Governance	LO 1-1 Distinguish between managerial and financial accounting. LO 1-2 Identify the cost of manufacturing a product. LO 1-3 Show how manufacturing product costs affect financial statements.	
Thur	29-Aug	2-Sep	Ch 1 pt 2	LO 1-3 Show how manufacturing product costs affect financial statements. LO 1-4 Compare the treatment of upstream, midstream, and downstream costs in manufacturing, service, and merchandising companies. LO 1-6 Identify the key components of corporate governance.	
Mon	2-Sep		Labor Day		
Tues	3-Sep	4-Sep	Chapter 02 - Cost Behavior, Operating Leverage, and Profitability Analysis	LO 2-1 Identify and describe fixed, variable and mixed cost behavior LO 2-2 Demonstrate the effects of operating leverage on profitability LO 2-3 Prepare income statement using contribution margin format	
Thur	5-Sep	9-Sep	Ch 2 pt 2	LO 2-4 Calculate magnitude of operating leverage LO 2-5 Select appropriate time period for calculating the average cost per unit LO 2-6 Use high-low method to estimate fixed and variable costs	
Mon	9-Sep		Census Date - deadline for all 15-Week session registrations and schedule changes		
Tues	10-Sep	11-Sep	Chapter 03 - Analysis of Cost, Volume, and Pricing to Increase Profitability	LO 3-1 Determine sales volume necessary to break-even or earn desired profit. LO 3-2 Explain how a change in sales price, Sales volume, variable cost, or fixed cost affects profitability. LO 3-3 Draw and interpret a cost-volume-profit- graph.	
Thur	12-Sep	16-Sep	Ch 3 pt 2	LO 3-4 Calculate and interpret the margin of safety measure. LO 3-5 Conduct sensitivity analysis using spreadsheet software and the equation method. LO 3-6 Perform multiproduct cost-volume-profit analysis.	
Tues	17-Sep		Review Exam 1		Introduce Excel Case
Thur	19-Sep		EXAM 1 (Ch 1-3)		

DAY	Begin DATE	HW Due DATE	CHAPTER	Learning Objectives	Notes
Tues	24-Sep	30-Sep	Chapter 04 - Cost Accumulation, Tracing, and Allocation	LO 4-1 Identify cost objectives and distinguish between direct and indirect costs LO 4-2 Allocate indirect costs to cost objects LO 4-3 Identify the most appropriate Cost Driver	
Thur	26-Sep		Meet the Firms - No Class		
Tues	1-Oct	2-Oct	Ch 4 pt 2	LO 4-4 Allocate joint costs to joint products LO 4-5 Recognize the effects of cost allocation on employee motivation	
Thur	3-Oct	7-Oct	Chapter 11 - Product Costing in Service and Manufacturing Entities	LO 11-1 Compare the accounting treatment of material and labor costs for a manufacturing versus a service company LO 11-2 Allocate overhead cost between inventory and cost of goods sold	
Tues	8-Oct	9-Oct	Ch 11 pt 2	LO11-3 Prepare schedule of cost of goods manufactured and sold LO 11-4 Distinguish between absorption and variable costing	
Thur	10-Oct	14-Oct	Chapter 12 - Job-Order, Process, and Hybrid Costing Systems	LO 12-1 Distinguish between job-order and process costing systems LO 12-2 Explain how events in a job-order costing system affect financial statements.	
Tues	15-Oct	16-Oct	Ch 12 pt 2	LO 12-3 Explain how events in a process costing system affect financial statements LO 12-4 Calculate equivalent units and prepare a cost of production report.	
Thur	17-Oct		Review for Exam 2		
Tues	22-Oct		EXAM 2 (Ch 4,11,12)		
Thur	24-Oct	28-Oct	Chapter 05 - Cost Management in an Automated Business Environment: ABC, ABM, and TQM	LO 5-1 Explain how activity-based costing improves accuracy in determining the cost of products and services. LO 5-2 identify cost centers and cost drivers in an activity-based costing system. LO 5-3 Use activity-based costing to calculate costs of products and services.	
Tues	29-Oct	30-Oct	Chapter 07 - Planning for Profit and Cost Control	LO 7-1 Describe the budgeting process and the benefits it provides LO 7-2 Prepare a sales budget and related schedule of cash receipts. LO 7-3 Prepare an inventory purchases budget and related schedule of cash receipts	
Thur	31-Oct	4-Nov	Ch 7 pt 2	LO 7-4 Prepare a selling and administrative expense budget and related schedule of cash payments. LO 7-5 Prepare a cash budget LO 7-6 Prepare a pro forma income statement & balance sheet.	
Mon	4-Nov		Last Day to Withdraw		
Tues	5-Nov	6-Nov	Chapter 08 - Performance Evaluation	LO 8-1 Describe Flexible and Static Budgets LO 8-2 Classify variances as being favorable or unfavorable LO 8-3 Compute and interpret sales and variable cost volume variances	Excel Case Due
Thur	7-Nov	11-Nov	Ch 8 pt 2	LO 8-4 Compute and interpret flexible budget variances LO 8-5 Calculate and interpret fixed cost variances	
Tues	12-Nov	13-Nov	Ch 8 pt 3	LO 8-6 Describe the features of a standard cost system and compute price and usage variances	
Thur	14-Nov		Review for Exam 3 EXAM 3 (Ch 5,7,8) / Ch 10		

DAY	Begin DATE	HW Due DATE	CHAPTER	Learning Objectives	Notes
Tues	19-Nov	20-Nov	Chapter 10 - Planning for Capital Investments	LO 10-1 Explain the time value of money concept LO 10-2 Determine and interpret the net present value of an investment opportunity LO 10-3 Determine and interpret the internal rate of return of an investment opportunity.	
Thur	21-Nov	2-Dec	Ch 10 pt 2  Chapter 06 - Relevant Information for Special Decisions	LO 10-4 Evaluate investment opportunities using the payback method and the adjusted rate of return  LO 6-1 Identify the Characteristics of Relevant Information LO 6-2 Making Appropriate Special Order Decisions LO 6-3 Making Appropriate Outsourcing Decisions	
11/25/2024 - 11/29/2024			Thanksgiving		
Tues	3-Dec	4-Dec	Ch 6 pt 2	LO 6-4 Making Appropriate Segment Elimination Decisions LO 6-5 Making Appropriate Asset Replacement Decisions LO 6-6 Explain Conflict Between Short Term and Long Term Profitability	
Thur	5-Dec		Review for Final (Ch 6,10, Cumulative)		
Tues	10-Dec		Final (Ch 6,10, Cumulative)	Section 001: 11:00am - 1:00pm Section 003: 2:00pm - 4:00pm	
Thur	12-Dec		Final (Ch 6,10, Cumulative)	Section 002: 12:30pm - 2:30pm	

*"Luck Is What Happens When Preparation Meets Opportunity" Seneca*