

## Spring 2013 Acct 3270 (Cost Accounting) Sections 002,003



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**Class time and location:** **Section 002 (BLB010)** M&W 12:30-1:50  
**Section 003 (BLB090)** M&W 3:30-4:50

**Office hours** **M&W** 10:00 -11:15, 2:00-3:10 and other times by appointment

**Course prerequisites:** To enroll in course you need to have taken ACCT 2010 and ACCT 2020 and received a "C" or better. You also need to have successfully completed ECON 1100, ECON 1110, MATH 1100, MATH 1190, and BCIS 2610.



**Text:** Cost Accounting: Managerial Emphasis 14ed Horngren, Datar, & Rajan.

### Calendar /Schedule

Jan 14 <sup>th</sup>	Introduction- Syllabus Day – General cost accounting discussion - No reading due
Jan 16 <sup>th</sup>	Inventoriable costs and cost flow Pages - 35-46
Jan 21 <sup>st</sup>	MLK day
Jan 23 <sup>rd</sup>	Job Costing Pages 27-30, 98-123 Income statement development
Jan 28 <sup>th</sup>	Homework 2-28,30,31,32 4-17, 4-20 4-24 4-37
Jan 30 <sup>th</sup>	Variable Costing Pages – 300-312
Feb 4 <sup>th</sup>	Homework 9-21 9-23
Feb 6 <sup>th</sup>	Cost allocation 502-505 342-343,357-358,442,486 - Test preview
Feb 11 <sup>th</sup>	<b>Exam 1 40 problems</b>
Feb 13 <sup>th</sup>	Activity based costing pages 138-156
Feb 18 <sup>th</sup>	Homework 5-16, 5-19
Feb 20 <sup>th</sup>	Process costing Pages 606-626 <b>(Last day to drop with automatic W)</b>
Feb 25 <sup>th</sup>	Homework 4-16 and 17-18-22
Feb 27 <sup>th</sup>	Joint costs Pages 576-592
March 4 <sup>th</sup>	Service Department cost Pages 542-556
March 6 <sup>th</sup>	Homework 16-22 (include constant gross margin) 15-21, 22
March 18 <sup>th</sup>	<b>Exam 2 40 problems</b>
March 20 <sup>th</sup>	Estimating costs/budgeting pages 340-359, 367-374, 182-203
March 25 <sup>th</sup>	Budgeting pages 182-203 <b>(Last day to withdrawal with professor consent)</b>
March 27 <sup>th</sup>	Homework 10-21, 10-38, 6-21
April 1 <sup>st</sup>	Variance Day 1 Pages 226-245, 262-281
April 3 <sup>rd</sup>	Variance Day 2
April 8 <sup>th</sup>	Homework 7-19 , 8-28
April 10 <sup>th</sup>	<b>Exam 3 40 problems</b>
April 15 <sup>th</sup>	Cost volume profit Pages 62-81
April 17 <sup>th</sup>	Decision making 390-412
April 21 <sup>st</sup>	HW 3-22, 3-24, 3-28 11-18,11-21,11-25,11-26,11-28
April 23 <sup>rd</sup>	Catch-up review day
April 24 <sup>th</sup>	<b>Exam 4 40 problems</b>
May 1 <sup>st</sup>	Catch-up review day
May 6 <sup>th</sup> or May 8 <sup>th</sup>	Final Exam Chapter 2 (17-19,25,28,30,31,32)

## **COURSE OBJECTIVES:**

This course gives students the opportunity to learn how to account for the costs associated with running a company and how to use cost information to make important business decisions. Many of these concepts will be covered on CPA and CMA exams. As part of this course we will focus on some of the largest and most complex financial statement accounts; COGS and inventory. After completing this course, students should have the skills and knowledge to:

- Understand and apply common costing terms
- Identify and apply alternative methods for assigning costs to units of products produced.
- Demonstrate how costs flow through inventory accounts to the income statement.
- Determine balances of financial statement accounts associated with inventory/production costs and costs of goods sold.
- Relate appropriate product costing methods to various production and merchandising settings.
- Quickly prepare simple budgets and explain the role of budgeting.
- Measure and analyze deviations from the budgeted costs and revenues.
- Make decisions related the cost structure of the company.
- Identify and use relevant information in common business decisions.

**MY TEACHING PHILOSOPHY:** My role as a faculty member at UNT is to help others:

- Employers:
  - I equip students with the knowledge and skills that employers say they want.
  - I distinguish which students have learned the course material.
- Students
  - I provide knowledge that is useful and relevant to students.
  - I emphasize the relevance through examples of common business problems.
  - I guide student towards activities that will allow them to succeed.
  - I provide students opportunities outside of the class to network and develop skills.
  - I let students take ownership of their success.



### **Average Weekly Time requirement for this course**

In class	3 hours
Preparation for class/practice quiz	1-2 hours
Homework and test preparation	1-2 hours
Total	5-7 hour/week

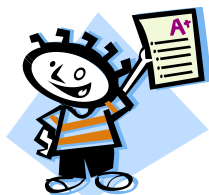
Please note that there are several factors that will affect how much time you may need to devote to this class each week, but it is up to the student the appropriate time that they must spend.

### **Exams**

Your grade in the course will be predominantly based on your grades on exams that focus on problem solving and cost accounting concepts. . There will be four midterm exams and a final exam in this course. Mid-terms will be 80 minutes and their anticipated dates are included on the course schedule above.

### **Extra-credit**

Throughout the semester, but mostly at the beginning, I may provide opportunities for students to receive extra credit points that will be added to test scores. In most cases, the ability to earn extra credit is contingent on participation in class-related activities such as working online problems or taking on-line quizzes. In other cases, extra credit opportunities may include participating in research studies or active involvement in other professional activities. The opportunities and amount of extra credit will be announced either via blackboard and/or in class. Students that miss two or more classes will no longer be eligible to earn extra credit. **Extra credit will not be provided on an individual basis and those who miss their opportunity will not be given another opportunity.**



### **Grade Determination**

I will determine your grade in this course based on your grades exams and extra-credit points. I will add your extra credit points to your test scores and take the average of your test scores to determine your course score. Your course grade will then be based on the following scale

a score of 90 or higher = A;  
a score between 80-89.99 = B;  
a score between 70-79.99 = C;  
a score between 60-69.99 = D;  
a score less than 60 = F;

In the spirit of full disclosure, at the end of the year, I generally adjust this scale downward slightly. My decision to do so is generally based on several factors that include the overall score distribution of all students in my course sections and how closely students' scores are to a student that has a higher. **Students that ask for the next highest grade will not be eligible for this adjustment.**

### **Attendance, Tardiness and Attentiveness Policy**

Student attendance, on-time arrival, and attentiveness are expected for every class session!!! Students should only be late or miss class under very unusual circumstances. With four absences you can be withdrawn from the class. As long as you have fewer than three absences and take all four mid-terms and the schedule permits that we take all five exams, students will be permitted to drop one exam grade, including the final. I will record attendance each day using a camera. If you show up for attendance and then leave, you will immediately forfeit the opportunity to drop an exam grade. Excessive late arrivals or repeatedly late arrivals will be considered absences. Further, when in class, students should only be focused on the coursework. All devices must be put away during class time. Disruptive or distracting behavior will also be considered an absence.

### **Homework:**

Homework will be predominantly focused on the problem solving portion of the course. I will go over the each of the problems in class. I may call on students to answer questions as I work through the problems. It is essentially useless to come to a homework discussion class without having attempted to work the problems.

## **Withdrawal Dates**

Students choose to withdraw from courses for any number of reasons. If you have a question about withdrawal, please feel welcome to ask me. Important dates for withdrawing are on the calendar.

## **Course Resources**

**ME!!** – In person or by phone. Come to me first, but be prepared.

E-mail – For questions with simple responses. I will generally not respond over the weekend unless I otherwise say.

Accounting Lab and University Tutoring services

- The tutors in the accounting lab should be able to help you if you have specific questions
- The room and hours for the lab will be announced in class and posted on Blackboard.

Blackboard

• I will use Blackboard Vista to conduct assessments, provide supplemental information, post grades, and post any necessary discussion messages or announcements. This will be my primary method of communication to the class as a whole, so you will need to check Blackboard regularly. It also serves as a good forum for asking questions to other students in the class. Please note that I generally see the discussions.

•Blackboard Log On Instructions:

1. To log in to WebCT Vista go to <http://ecampus.unt.edu>.
2. Click on “Log In.”
3. Enter you EUID for your username. If you are not sure of what this is, you can find it here: <http://ams.unt.edu>. Enter your Account Management System password (your Eaglemail password) for your password. If you are not sure of what this is, you can reset it here: <http://ams.unt.edu>. Click on “OK.”
4. You will then be in your Blackboard. Click on the Acct 3270 link.

## **Students with disabilities**

If you have an established disability as defined in the Americans with Disabilities Act and would like to request accommodation, please present your written accommodation request on a form supplied by UNT’s Office of Disability Accommodation by the end of the second week of classes.



## **HOW-TO SUCCEED**

1. **Attendance:** Attendance is essential to succeeding in this course.
2. **Read the assigned readings thoroughly:** It will prepare you for the lecture.
3. **Attentiveness:** There is no credit for attendance, so you might as well participate.
4. **Complete the homework:** Completing it will help you understand the concepts or identify concept that need your attention.
5. **Use the online assessments and quizzes:** Essentially all of my past top students attribute a big part of their success to the online assessment problems.
6. **Take advantage of office hours if needed:** I can usually get you in the right direction if you are struggling with a subject.

## Accounting Department Policy

### Statement on Academic Dishonesty

The following is the accounting department position on cheating and plagiarism. In particular, note that you have a responsibility to report violations and potential violations. All students are expected to be academically honest. Every effort will be made by your instructor and this department to discourage cheating. Awareness of academic dishonesty by a classmate is considered the equivalent of cheating unless it is reported. The following University guidelines apply:

**“All students found guilty of cheating or plagiarism will (at a minimum) receive an F on the assignment in question and could be expelled from the university.**

Plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help on a test; copying tests, assignments, reports or term papers; representing the work of another person as one's own; collaborating, without authority, with another student during an examination or quiz or in preparing academic work; signing another student's name on an attendance sheet; or otherwise practicing scholastic dishonesty.”

Also note that the school has a new academic integrity policy that can be read at the following website:

<http://vpaa.unt.edu/academic-integrity.htm>

### Conduct

The primary concern of the University of North Texas is the student. The university attempts to provide for all students a campus environment that is conducive to academic endeavor and social and individual growth. To that end, rules, regulations and guidelines governing student behavior and the student's relationship with the university have been formulated into a student code of conduct and discipline.

Enrollment at the University of North Texas is considered implicit acceptance of these and other policies applicable to students, all of which are educational in nature and designed to help students understand expectations and accept responsibility for their own actions. The Code of Student Conduct can be found at [http://deanofstudents.unt.edu/sites/default/files/images/code\\_of\\_student\\_conduct.pdf](http://deanofstudents.unt.edu/sites/default/files/images/code_of_student_conduct.pdf)

**Terms and Concepts to focus upon when preparing for each class:**

**January 16**

Distinguish between a service company, merchandising company, and manufacturing company  
Distinguish between Inventoriable costs and Period cost  
Distinguish between Manufacturing and Non-manufacturing cost  
Distinguish Manufacturing costs Direct material, Direct labor, Manufacturing overhead  
Distinguish Inventory accounts, Materials inventory, Work in process inventory, Finished goods inventory  
Distinguish between Total manufacturing costs, costs of goods manufactured, Cost of goods sold

**January 23**

Distinguish between direct and indirect costs  
Distinguish between actual and normal costing  
Understand cost flow in job cost setting  
Types of products that use job order costing  
Job cost sheet  
Subsidiary ledger  
Control account

**January 30**

Distinguish Absorption costing and Variable costing, also called direct costing  
Super-variable costing, also called throughput costing  
Distinguish gross margin and contribution margin form of income statement

**February 13<sup>th</sup>**

Distinguish Plant-wide allocation method from Department allocation method from Activity based costing  
Reasons for using more than one allocation base  
Cost Hierarchy associated with ABC  
Volume related costs  
Batch related cost  
Product related costs  
Facility related cost

**February 20<sup>th</sup>**

Process costing  
Types of products that use process costing  
Distinguish between a Physical unit and Equivalent unit  
Distinguish between weighted average method and FIFO  
Material Cost  
Conversion costs  
Transferred in costs or prior department costs

**February 27<sup>th</sup>**

Joint cost  
Split-off point  
Joint product  
Main product  
Byproduct  
Separable costs  
Net realizable method  
Sales value method at split-off method  
Physical measure method  
Constant gross margin percentage method  
Incremental analysis

**March 4<sup>th</sup>**

Service departments also called support departments  
Operating departments also called production or user departments  
Direct method  
Step-down method  
Reciprocal method  
Limitation of each method

**March 20<sup>th</sup>**

Identify the different cost estimation methods  
Cost behavior  
Relevant range  
Cost driver  
Weakness of High low method  
Learning curves  
Correlation coefficient  
Coefficient of Determination  
Independent variable  
Dependent Variable T statistic

**March 25<sup>th</sup>**

Budget  
Strategic long-range plan  
Master budget  
Profit plan  
Order that budgets are completed  
Methods for sales forecasting  
Production budget  
Direct material budget  
Direct labor budget  
Manufacturing overhead budget  
Costs of goods sold budget  
Marketing and administrative cost budget

**April 1<sup>st</sup>**

Variance  
Favorable variance  
Unfavorable variance  
Static budget  
Flexible budget  
Sales activity variance  
Profit variance analysis  
Cost variance analysis  
Standards  
Standard input  
Standard price  
Standard cost  
Price variance  
Efficiency variance  
Spending/budget variance  
Production volume variance

**April 15<sup>th</sup>**

CVP analysis  
Contribution margin per unit  
Contribution margin percentage  
Contribution margin ratio  
Contribution margin  
Breakeven point (BEP)  
Operating leverage  
Margin of safety  
Assumption and limitation of CVP analysis

**April 17<sup>th</sup>**

Differential costs  
Differential revenue  
Incremental vs. full cost analysis  
Sunk cost  
Special order  
Make vs. buy decision  
Inventory carrying cost  
Constrained resource

***Please note that this syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change. Any changes will be communicated via Blackboard and via class announcement. It is YOUR responsibility to be aware of changes announced.***