***AG 3 – Agriculture Accounting*** Reedley College

Lecture: TTH 11:00 – 11:50 AGR 2 Fall 2011

Section 50003 Lab: TH 3:00 – 5:50 AGR 1

Section 54155 Lab: TH 12:00 – 2:50 AGR 1

**Contact Information**

Instructor: Dustin Sperling Office: AGR 5

Phone: 638-3641 ext. 3719 Office Hours: M 8:00 am – 9:00 am

E-mail: [dustin.sperling@reedleycollege.edu](mailto:dustin.sperling@reedleycollege.edu) W 11:00 am – 12:00 pm

F 8:00 am – 9:00 am

**Course Description**

Course Specifics: 3 Units 2 lecture and 3 lab hours per week

Basic Skills Advisories: Eligibility for Eng 125, Eng 126, and Math 101

Fundamentals of keeping various types of records for farms and agri-businesses, including: inventory depreciation, cash and accrual record keeping, tax reporting, financial statements, enterprise accounting, and computer accounting. Includes credit and finance concepts and investments analysis.

**Text/Materials**

Required Text: Accounting for Agriculture, Skidmore, Soft Data, 2001

Optional Text: Introduction to Agricultural Accounting, Wheeling, 2008

Required Materials: Calculator

**Course Outcomes**

1. Develop a balance sheet for an agricultural enterprise and utilize ratio calculations to determine if the enterprise is financially solvent.
2. Develop an income statement for an agricultural enterprise and determine enterprise’s net profit or loss.
3. Journalize and post financial transactions in a double entry record keeping system.

**Course Objectives**

1. Define the value of agricultural records
2. Define common agricultural bookkeeping terms
3. Design and explain a set of agricultural accounts
4. Demonstrate the principles of accrual accounting by opening, analyzing and entering transactions, and closing a set of double-entry accounting records
5. Calculate measures of earnings applicable to agricultural records and construct an income statement
6. Determine efficiencies of an agricultural business through the use of accounts and determine the cost per unit of production
7. Contrast the basic methods of depreciation and calculate depreciation amounts
8. Utilize computer spreadsheet templates for common accounting skills
9. Compute income tax effects for an agricultural enterprise
10. Define and calculate the amounts and balances of loans; including interest, principal and amortization factors

**Course Outline**

**Lecture Outline:**

1. Importance of Record Keeping
2. Inventory
   1. Valuation and adjustments for goods sold
   2. Depreciation methods/taxes
3. Financial Statements
   1. Cash flow
   2. Income
   3. Balance sheet
   4. Analysis of statements
4. Accounting Methods
   1. Cash/accrual
   2. Single/double entry
5. Credit and Finance
   1. Loans and payment schedules
   2. Credit sources
   3. Discounting notes
6. Payroll Accounting
7. Tax Planning
8. Computer Applications for Farm Accounting

**Lab Outline:**

1. Single Entry Bookkeeping
2. Double Entry Bookkeeping
   1. Accounting Cycle
   2. Practice Agriculture Examples
3. Agriculture Loan Factors
4. Agriculture Investment Factors
5. Financial Statements
   * + 1. Balance Sheet
       2. Income Statement
6. Ag Business Financial Analysis
7. Cost Recovery Methods
   * + 1. MACRS (GDS)
       2. Straight Line (ADS)
       3. Tax Strategies for Agriculture

**Attendance**

1. Attendance is mandatory since the majority of learning occurs in the lecture/laboratory environment.
2. Students are personally responsible for obtaining notes/information missed due to an absence. Notes/information can be obtained from a fellow classmate or by meeting with the instructor during regularly scheduled office hours.
3. Please notify the instructor if you know in advance that you will be absent from class.
4. College policy dictates that an instructor should drop a student with two consecutive weeks of unexcused absences (i.e., class meets two times per week, 4 unexcused absences equals a drop: class meets 1 time per week, 2 unexcused absences equals a drop).
5. At the end of the 9th week of instruction, no withdrawals are permitted and the student must receive a grade.
6. Make-up tests and assignments will only be allowed for emergency situations and pre-excused absences.

**Methods for Measuring Student Achievement and Determining Grades**

The methods for measuring student achievement & determining grades are:

###### Writing

* Laboratory reports and written homework

###### Problem Solving

###### Exams, quizzes, homework problems, laboratory reports

1. Examinations
   * Multiple Choice, True/False, Matching and Completion

All assignments are due at the beginning of the class session on the date due. Late assignments can be submitted for grading; however, all late assignments will receive a deduction in the amount of 50% of the overall point value for that specific assignment.

**Course Grade Determination**

Tests will be true/false, multiple choice, short answer, and essay questions. Written laboratory reports and written homework will be required. Course emphasis will be placed on analysis of records and accounting.

Tests 55%

Lab Work 25%

Quizzes 10%

Homework 10%

Letter grades will be calculated by using the following standard percentage point evaluation:

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = under 60%

**Policy on Cheating & Plagiarism**

In keeping with the philosophy that students are entitled to the best education available, and in compliance with Board Policy, each student is expected to exert an entirely honest and individual effort toward attaining an education. Violations of this policy will result in disqualification for the course.

**Accommodations for Students with Disabilities**

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**Behavioral Standards**

1. It is a common courtesy to turn off all electronic devices (i.e., cell phones, mp3 players, etc…) when in a group setting. Please exercise this courtesy!
2. Students are expected to conduct themselves in a mature and responsible manner that respects the rights of all other individuals.

**Important Dates**

1. Last Day to Register for a Full-Term Fall Class September 2
2. Labor Day Holiday September 5
3. Last Day to Drop a Class (letter grades assigned after this date) October 14
4. Veterans Day November 11
5. Thanksgiving Holiday November 24 – 25
6. Finals Week December 12 – 16

**Final Exam Tuesday, December 13th, 11:00 am – 12:50 pm**