I. OVERVIEW
The following information will appear in the 2009-2010 catalog

 AGEC-200 Agricultural Accounting and Analysis 3 Units

Study of the principals of agricultural accounting systems and types of records, how to compute and use measures of earnings and costs of production to improve efficiency in agricultural operations. Field trips are not required. Course is applicable to the associate degree.

II. LEARNING CONTEXT
Given the following learning context, the student who satisfactorily completes this course should be able to achieve the goals specified in Section III, Desired Learning:

A. COURSE CONTENT

1. Required Content:

a. Introduction to Accounting

   i. Objectives
   ii. Importance
   iii. Common terms

b. Principles of Accounting

   i. Cash vs. accrual
   ii. Double entry accounting
   iii. The accounting equation
   iv. The Balance Sheet
   v. Net Income/Profit & Loss
   vi. Liquidity and Solvency

c. Agricultural accounts and categories

   i. Asset
   ii. Liability
   iii. Equity
   iv. Income/Expense

d. Accounting Cycle
i. Beginning Balance Sheet

ii. Opening entries

iii. Recording transactions

iv. Trial Balance

v. Adjustments

vi. Closing entries

vii. Post-closing Trial Balance

viii. Balance Sheet

ix. Net Income Statement

e. Depreciation

   i. Importance

   ii. Methods used in Agriculture

f. Payroll

   i. Types of remuneration

   ii. Typical deductions

   iii. Overtime

g. Computerized records and analysis

   i. Microsoft Excel

   ii. Quickbooks

2. Recommended Content:

   I. Other Agricultural Accounting Software

B. HOURS AND UNITS

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III. DESIRED LEARNING

A. COURSE GOAL
   As a result of satisfactory completion of this course, the student should be prepared to:

   Use the debit/credit system to prepare financial reports including a balance sheet and income statement, to analyze records, to explain depreciation and to calculate payroll deductions.

B. STUDENT LEARNING GOALS
   Mastery of the following learning goals will enable the student to achieve the overall course goal.

   1. Required Learning Goals
      Upon satisfactory completion of this course, the student will be able to:

      a. Discuss the uses and value of agricultural records.
b. Outline the accounting cycle.

c. Define common agricultural accounting terms.

d. Develop a chart of accounts for an agricultural business and demonstrate the principals of accounting by opening, entering transactions and closing a set of accounting records.

e. Create a balance sheet and an income statement given appropriate data.

f. Calculate and analyze ratios of solvency and liquidity for an agricultural business.

g. Compare and contrast the basic methods of depreciation by demonstrating several examples.

h. Demonstrate an ability to calculate pay rates and utilize typical deductions.

i. Determine efficiencies of an agricultural business through the use of accounts.

2. **Lab Learning Goals**
   
   *Upon satisfactory completion of the lab portion of this course, the student will be able to:*

   a. test

IV. **METHODS OF ASSESSMENT (TYPICAL)**

A. **FORMATIVE ASSESSMENT**

   1. Homework assignments using the accounting workbook.

   2. Participation in class review and practice sessions.

   3. Quizzes

B. **SUMMATIVE ASSESSMENT**

   1. Final Exam

   2. Term problem the requires analysis and incorporation of several accounting skills.