

**Central Ohio Technical College**  
**Course Description Listing – Accounting Technology Courses**  
**2009-2010 Academic Year**

**ACC-2113 Principles of Accounting--Financial**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: None. Course is graded A-E. ACC-2113 plus ACC-2114 together have been approved by the Ohio Board of Regents as meeting the Transfer Assurance Guide (TAG) course requirements.

The meaning, purpose and function of accounting in business are presented through studying the concepts and theories of accounting. Basic accounting procedures covered in this course include journalizing transactions, posting, trial balances, adjusting and closing entries and preparation of financial statements. Other topics of study include the preparation and use of working papers, internal control, special journals, and the voucher system. The course focuses on the sole proprietorship form of business organization for both service and merchandising operations.

**ACC-2114 Financial Accounting**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in ACC-2113; All Others: ACC-2113. Course is graded A-E. ACC-2113 plus ACC-2114 together have been approved by the Ohio Board of Regents as meeting the Transfer Assurance Guide (TAG) course requirements.

This course focuses on the rules of financial accounting and reporting. Topics of study include receivables, inventory methods, plant and equipment and depreciation, current liabilities, formation and operation of a corporation, corporate income statements and the statement of cash flows.

**ACC-2116 Data Applications in Accounting**

2 credit hours, 4 contact hours (0 hours lecture and 4 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in BMS-2037 and ACC-2114; All Others: BMS-2037 and ACC-2114. Course is graded A-E.

This course utilizes spreadsheet software with a text-workbook to provide experience to the student in organizing and accumulating accounting information. The course will utilize spreadsheets and traditional accounting information systems. The student will learn how to build worksheets and utilize them to do accounting work. In this way, the student's knowledge of accounting principles and the accounting procedures will be reinforced and given a practical focus.

**ACC-2120 Managerial Accounting**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in ACC-2114; All Others: ACC-2114. Course is graded A-E.

This course continues the development of techniques presented in Accounting 2113 and 2114. The topics covered include managerial accounting, process and job order cost accounting systems, cost behavior and cost-volume profit analysis, budgeting, performance evaluation using variances from standard costing, differential analysis and product pricing, and capital investment and analysis.

**ACC-2126 Individual Taxation**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in ACC-2113 or permission of the instructor; All Others: ACC-2113 or permission of the instructor. Course is graded A-E.

This course presents the theory and practice of federal individual income taxation, and presents an in-depth study of gross income, inclusions, exclusions, deductions and losses, business expenses, depreciation and cost recovery, employee expenses, property transactions, tax credits and payment procedures. The student will prepare federal, state and city income tax returns for individuals.

**ACC-2127 Payroll Accounting**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in ACC-2114; All Others: ACC-2114. Course is graded A-E.

This course covers fundamentals of payroll operations, the federal legislation relating to payment of wages and salaries, the computing and paying of wages and salaries, the calculation of payroll taxes, and tax reporting, payroll accounting concepts and professional payroll skills and responsibilities.

**COTC Course Description Listing – Accounting Technology Courses  
2009-2010 Academic Year****ACC-2128 Cost Management: A Contemporary Approach**

5 credit hours, 6 contact hours (4 hours lecture and 2 hours lab). Prerequisite: Accounting Majors: C grade (2.00) or better in ACC-2120; All Others: ACC-2120. Course is graded A-E.

This course takes a proactive contemporary approach to cost accounting that focuses on cost management. While the traditional approach is presented, a contemporary proactive approach is emphasized up front, and an integrated perspective of cost management is presented. This approach to cost management focuses on the impact of managers' decisions on cost drivers, costs, and profits. Although procedures will be presented, the topics will be discussed in a decision-making context. The focus in this course is clearly on providing leadership for management decisions.

Topics, tools, and techniques will be scrutinized, evaluated, and investigated in this course include: the role of cost management, cost and managerial accounting versus financial accounting, the use of activity based costing systems, implementation of activity based management, budgeting standard costing, variance analysis, flexible budgets, and other current leading edge cost management tools and practices.

**ACC-2132 Principles of Finance**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: ACC-2114. Course is graded A-E.

This course begins with an examination of the goals and functions of financial management. In addition, the course covers the following topics: financial analysis and planning, financial forecasting, operating and financial leveraging, working capital management, the time value of money and how it relates to the valuation process, the cost of capital, and the capital budgeting process.

**ACC-2136 General Ledger Software**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in ACC-2113. Course is graded A-E.

This course utilizes one or more accounting software packages with text-workbooks to provide experience to the student in operating computerized, integrated accounting systems. The student will work with the general ledgers, accounts receivable systems, accounts payable systems, financial statement analysis, depreciation, and payroll systems individually, and then as an integrated whole. The student will work with all steps in the accounting cycle of business. In this way, the student's knowledge of accounting principles will be reinforced and given a practical focus.

**ACC-2139 Governmental Accounting**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in ACC-2114. Course is graded A-E.

This course will introduce students to fund accounting and the accounting practices of state and local governments. The basic accounting and recording procedures for governmental units will be discussed. Specific topics introduced include: development and use of budgetary data, the concept of the modified accrual basis of accounting, accounting for general fund operations and other funds, interfund relationships and combined financial statements, and interpreting financial statements.

**ACC-2161 Auditing**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in ACC-2173. Course is graded A-E.

This course covers the theory and processes of auditing. Areas of study include: generally accepted auditing standards, reports on audited statements, audit work papers, audit planning, internal control evaluation, audit sampling, and fraud awareness auditing. Audit applications will be discussed relating to the revenue and collection cycle and the acquisition and expenditure cycle.

**COTC Course Description Listing – Accounting Technology Courses  
2009-2010 Academic Year****ACC-2172 Intermediate Accounting I**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in ACC-2114. Completion of ACC-2120 is recommended but not required before taking ACC-2172. Course is graded A-E.

This course continues development of the theory and processes of accounting. Accounting functions emphasized include: balance sheets; income and retained earnings statements; analysis of working capital; and methods of valuations.

**ACC-2173 Intermediate Accounting II**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in ACC-2172. Course is graded A-E.

This course is a continuation of 2172 Intermediate Accounting II and presents in-depth study in the following areas of the balance sheet: inventories, cost measurement, flow assumptions, and special valuation issues: acquisition, disposal, depreciation and depletion of property, plant and equipment; intangibles; and investments.

**ACC-2174 Intermediate Accounting III**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in ACC-2173. Course is graded A-E.

This course is a continuation of 2173 Intermediate Accounting II and concludes the in-depth study of the balance sheet in the following areas: current liabilities and contingencies; long-term liabilities and receivables; contributed capital; earnings per share and retained earnings; accounting for leases. In addition, the statement of cash flows will be explored.

**ACC-2180 Accounting Capstone Course**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in ACC-2116, ACC-2126, ACC-2128, ACC-2132, ACC-2136, ACC-2139, and ACC-2173 and concurrent enrollment in ACC-2161 (unless already successfully completed). Course is graded A-E.

This capstone course is designed to equip accounting students with the analytical skills necessary to compete in the accounting field. Comprehensive cases requiring critical thinking, communication skills, analysis, interpretation, and decision making will be utilized. Simulation(s) and outside speakers may also be utilized to enhance the student's learning. The student will apply skills acquired in prior course work to solve accounting problems and cases involving practical applications.