



Course Information

Division	Business
Contact Hours	45
Total Credits	3

Prerequisites ACCTG 151 Accounting Principles I and CIS 109 Spreadsheet Software

Course Description

This course is designed to build upon the fundamentals of accounting and explore accounting concepts through the application of data analytics fostering critical thinking to develop the skills to know when and how data analytics can address business questions. Focus is placed on building skills with Excel, Tableau and Power BI to analyze data and effectively interpret and communicate the results to make business decisions.

This course is a required core course for students pursuing a(n) AAS in Accounting

Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

- Students will be able to prepare, analyze, and interpret financial statements and reports for service, merchandising and manufacturing companies.
- Students will be able to demonstrate professional business communication skills.
- Students will be able to perform accounting functions and applications in both a "manual" and a computerized environment.
- Perform managerial accounting functions using proper format and procedure.

Course Outcomes

In order to evidence success in this course, the students will be able to:

- Extract and transform data from external databases using Excel, Tableau and Power BI software.

Applies to Program Outcome
C

- Visualize accounting and non-accounting data using Excel, Tableau and Power BI.

Applies to Program Outcome
A, C, D



MONROE COUNTY
COMMUNITY COLLEGE

Course Outcome Summary

Required Program Core Course

ACCTG 206 Data Analytics for Accounting

3. Perform Descriptive, Diagnostic, Predictive and Prescriptive analyses to address Financial Statement Analysis questions and communicate the results.

Applies to Program Outcome

A, B, C

4. Perform Descriptive, Diagnostic, Predictive and Prescriptive analyses to address Managerial Accounting questions and communicate the results.

Applies to Program Outcome

A, B, C, D

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