



Course Outcome Summary

Required Program Core Course

ACCTG 206 Data Analytics for Accounting

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, including descriptive, diagnostic, predictive, and prescriptive analyses fostering critical thinking to develop the skills to ask the right questions. Focus is placed on building skills with Excel and Tableau to examine and analyze data and effectively interpret the results to make business decisions. This course provides a framework for developing a Data Analytics mindset, referred to as the **AMPS** model: 1. **A**sk the Question, **M**aster the Data, **P**erform the Analysis and **S**hare the Story.

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 and Tableau Query tools.

Applies To Program Outcome
C

- Perform horizontal, vertical and Dupont analyses of financial performance.

Applies To Program Outcome
A, B, C



MONROE COUNTY
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3. Analyze future cash flows and forecast future performance.

Applies To Program Outcome

A, C, D

4. Perform four types of data analyses: Descriptive, Diagnostic, Predictive and Prescriptive

Applies To Program Outcome

A, C, D

5. Demonstrate the ability to apply the AMPS Model: Capstone Project.

Applies To Program Outcome

A, B, C, D

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