

A - New Course Proposal V. 7.2022 : Entry # 3383**DEAN Decision**

Approved

Date

09/25/2024

Is this course intracollegiate or intercollegiate?

Intracollegiate

DEAN Comments

Intracollegiate because the associated major revision has already been approved. The course itself just needed to be proposed closer to its actual offering.

SCHOOL EPC Decision

Approved

Date

11/01/2024

Begin Form**Today's Date**

09/16/2024

Your Name:

Ross Roberts

Your Email:rroberts@highpoint.edu**Are you a Department Chair?**

Yes

By checking below, I certify that my department chair has seen and approved the new course that I am proposing.

Yes

Please select the appropriate school overseeing this proposal:

Business

Which semester is this course to be taught for the first time?

fall 2025

Information for the Registrar

A - New Course Proposal V. 7.2022 : Entry # 3383**Choose the department designator from the list below.**

ACC

Proposed Course Number?

3060

Is this course cross listed?

No

Does this course replace a current course?

No

What is the title of the new course?

Accounting Analytics

Write the catalog description of your proposed course:

This course provides an introduction to the use of analytics in accounting. Students will learn how to leverage data analysis and technology tools to improve decision-making, financial reporting, and auditing processes in accounting.

How many credit hours will this course be?

2

How will the course be graded?

Letter grade

Please select the course repeat option for this course:

Not repeatable for credit

What is the offering cycle for this course?

Fall semester

Does your course have any prerequisites?

Yes

Please list all prerequisites this course requires:

ACC 3040 or C or Better in ACC 2020

BUA 1050

Is this new course being proposed because of a new or revised major or minor proposal?

ACC major
fall 2023
Ross Roberts

A - New Course Proposal V. 7.2022 : Entry # 3383**Gen Ed and Academic Programs****Is this course part of Gen Ed?**

- No

Does this course count towards a major or a minor?

Yes

Please list the Major / Minor and if it is Required or Elective

ACC Major Required

Is this course part of an academic program?

- This course does not fulfill academic program requirements

Does this course include any community engagement?

No

Does this course participate in the GoGlobal Program?

No

Information for Curriculum Review**Rationale and evidence for new course's consistency with departmental mission:**

The course is necessary to give students exposure to the fundamental mechanics of data analysis for accounting decision making. The mission of our school and department include the preparation of students to be successful business citizens. In the accounting discipline this includes the CPA certification for many. The CPA exam has recently been revised to include the topics addressed in the proposed course and currently the curriculum does not address these specific topics.

List all student learning outcomes for this course.

1. Understand the role of analytics in accounting and its impact on decision-making.
2. Apply data analysis techniques to financial data to extract valuable insights.
3. Use accounting software and tools for data manipulation and reporting.
4. Analyze financial statements to identify trends, anomalies, and opportunities.
5. Demonstrate proficiency in Microsoft Excel and other database tools for financial analysis.
6. Understand the ethical considerations in accounting analytics.

List any units or content areas that will be required for all sections of this course.

- Importance of analytics in accounting
- Ethical considerations in data analysis
- Introduction to data types and sources in accounting
- Data cleaning and preparation
- Analyzing income statements and balance sheets

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- Ratio analysis for financial performance assessment
- Forecasting using financial data
- Principles of data visualization
- Using Excel for creating financial dashboards
- Presenting financial data effectively
- Overview of accounting software (e.g., QuickBooks)
- Data import and export
- Generating financial reports
- Role of analytics in auditing
- Detecting fraud and anomalies
- Audit data analytics tools and techniques
- Ethical issues in accounting analytics
- Case studies and discussions
- Ethical decision-making frameworks

List any assignments, tests, or other assessments that will be required for all sections of this course.

N/A

List any readings or other materials that will be required for all sections of this course.

Data Analytics in Accounting: An Integrated Approach by Dzurainin, Geerts, and Lenk (Wiley)

List any course policies that will be required for all sections of this course.

N/A

If you would like to specify how requirements for contact hours must be met for all sections of this course, please indicate below. (e.g., if any experiential learning activities will replace seat time)

N/A

Is there anything else the reviewing parties should know about this new course proposal that hasn't been addressed?

N/A

Sample Syllabus

- [AA.docx](#)