

Curriculum Course Request Change Course ACTY 3140 - B-2020-ACTY-6; effective term: 202140

Date of request: 29-SEP-2020

Request ID: B-2020-ACTY-6

College: B

Department: ACTY

Initiator name: Dawn Mason

Initiator email: dawn.l.mason@wmich.edu

Proposed effective term: 202140

Does course need General Education approval?: N

Will course be used in teacher education?: N

If 5000 level course, prerequisites apply to: U

Proposed course data:

Change Course ACTY 3140

Specific Course Change type selected: Title

Specific Course Change type selected: Description

Specific Course Change type selected: Course Number, Different Level

Specific Course Change type selected: Enrollment restriction

Specific Course Change type selected: Pre or Co-requisites

Specific Course Change type selected: Other (explain**)

Specific Course Change type selected: Type of Class

Specific Course Change type selected: Class Restriction

1. Existing course prefix and number:

ACTY 4130

2. Proposed course prefix and number:

ACTY 3140

3. Proposed course title:
Analytics for Accountants

4. Existing course prerequisites:
Prerequisites and Restrictions:
ACTY 2100 Minimum Grade of C AND

ACTY 2110 Minimum Grade of C

5. Proposed course prerequisites:
ACTY 2100 Minimum Grade of C AND
ACTY 2110 Minimum Grade of C

6. Existing course corequisites:
No Corequisites exist for ACTY 4130 in term 202140.

7. Proposed course corequisites:
none

8. Proposed course prerequisites that may be taken concurrently (before or at the same time):
none

9. Minimum grade for prerequisites (default grades are D for Undergrad and C for Grad):
ACTY 2100 Minimum Grade of C AND
ACTY 2110 Minimum Grade of C

10. Major and/or minor restrictions:
Include

11. List all the four-digit major and/or minor codes (from Banner) that are to be included or excluded:
This course is restricted to the following major(s):
Accountancy (ACTJ), and by departmental approval

12. Classification restrictions:
Exclude

13. List all the classifications (freshman, sophomore, junior, senior) that are to be included or excluded:
FR

14. Do prerequisites and corequisites for 5000-level courses apply to undergraduates, graduates, or both?
Not Applicable

15. Existing Banner course title:
Actg Systems: Analytics & Tech

16. Proposed course title to be entered in Banner:

Analytics for Accountants

17. Select class type:

Lecture/Lab/Discussion

18. How many contact hours per week for this course?

3

19. Other (** explain)

Will be adding this as a required course for the Accountancy Major (ACTJ)

A. Please choose Yes or No to indicate if this class is a Teacher Education class:

No

B. Please choose the applicable class level:

Undergraduate

C. Please respond Yes if this is a current general education course and/or a course being submitted for the new WMU Essential Studies program. Please respond No if it is neither.

No

D. Explain briefly and clearly the proposed improvement.

This proposed improvement will improve the accounting major by:

- 1) making it a required course
- 2) moving it to the more appropriate 3000 level (rather than 4000-level course)
- 3) updating the course name and description to better reflect the course and content
- 4) restricting the course to accounting majors, or by departmental approval, to ensure students may enroll in this required course in a timely manner
- 5) updating the course to the 'lecture/lab/discussion' format to allow for additional flexibility

E. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.).

This proposed improvement will improve the accounting major by:

- 1) making it a required course
- 2) moving it to the more appropriate 3000 level (rather than 4000-level course)
- 3) updating the course name and description to better reflect the course and content
- 4) restricting the course to accounting majors, or by departmental approval, to ensure students may enroll in this required course in a timely manner
- 5) updating the course to the 'lecture/lab/discussion' format to allow for additional flexibility

F. List the student learning outcomes for the proposed course or the revised or proposed major, minor, or concentration. These are the outcomes that the department will use for future assessments of the course or program.

- 1) Explain the impact of data analytics and emerging technologies on the accounting profession.
- 2) Describe big data and the business intelligence used to gather and analyze it.
- 3) Apply data analytical techniques to financial and managerial accounting topics.
- 4) Analyze data and answer accounting questions using spreadsheet models.

5) Communicate analytical information and make data-driven decisions using visualization tools such as Microsoft Excel, PowerBI, and Tableau.

G. Describe how this curriculum change is a response to student learning assessment outcomes that are part of a departmental or college assessment plan or informal assessment activities.

Not applicable.

H. Effect on other colleges, departments or programs. If consultation with others is required, attach evidence of consultation and support. If objections have been raised, document the resolution.

Demonstrate that the program you propose is not a duplication of an existing one.

Not applicable.

I. Effect on your department's programs. Show how the proposed change fits with other departmental offerings.

This course will be one of the required courses for the accounting major program.

J. Effects on enrolled students: are program conflicts avoided? Will your proposal make it easier or harder for students to meet graduation requirements? Can students complete the program in a reasonable time? Show that you have considered scheduling needs and demands on students' time. If a required course will be offered during summer only, provide a rationale.

These changes will not affect successful completion of the program, and they will improve students' knowledge/skills for entry into the work force by making it a required course.

K. Student or external market demand. What is your anticipated student audience? What evidence of student or market demand or need exists? What is the estimated enrollment? What other factors make your proposal beneficial to students?

Not applicable.

L. Effects on resources. Explain how your proposal would affect department and University resources, including faculty, equipment, space, technology, and library holdings. Tell how you will staff additions to the program. If more advising will be needed, how will you provide for it? How often will course(s) be offered? What will be the initial one-time costs and the ongoing base-funding costs for the proposed program? (Attach additional pages, as necessary.)

Not applicable.

M. With the change from General Education to WMU Essential Studies, this question is no longer used.

For courses requesting approval as a WMU Essential Studies course, a syllabus identifying the student learning outcomes and an action plan for assessing the student learning outcomes must be attached in the Banner Workflow system.

Not Applicable

N. (Undergraduate proposals only) Describe, in detail, how this curriculum change affects transfer articulation for Michigan community colleges. For course changes, include detail on necessary changes to transfer articulation from Michigan community college courses. For new majors or minors, describe transfer guidelines to be developed with Michigan community colleges. For revisions to majors or minors, describe necessary revisions to Michigan community college guidelines. Department chairs should seek assistance from college advising directors or from the admissions office in completing this section.

Not applicable.

O. Current catalog copy:

ACTY 4130 - Accounting Systems: Analytics and Technology

This course introduces data analytical techniques used by accounting and finance professionals to examine financial performance, answer accounting questions, build data models and visualize data necessary to provide useful information to decision makers. Particular emphasis is given to financial, managerial, and governmental accounting topics. Students will gain hands-on experience using spreadsheets and other select tools to develop skills used in analyzing financial information.

Prerequisites & Corequisites: Prerequisite: ACTY 2100 and ACTY 2110, with a grade of "C" or better.

Credits: 3 hours

Restrictions: This course is restricted to the following: minors, majors or masters in Accountancy; or departmental approval.

P. Proposed catalog copy:

This course introduces data analytical techniques and emerging technologies used by accountants to examine financial performance, answer accounting questions, build data models and visualize data necessary to provide useful information to decision makers. Students will gain hands-on experience using spreadsheets and other select tools to develop skills used in analyzing financial information. Particular emphasis may be given to topics such as financial, managerial, and governmental accounting.

Prerequisite: ACTY 2100 and ACTY 2110, with a grade of "C" or better.

Credits: 3 hours

Restrictions: This course is restricted to the following: majors in Accountancy; or departmental approval.