

From: [Xiaoyun Shao](#)
To: [Decker Bradley Hains](#)
Cc: [Holly Blanks](#)
Subject: Curriculum Course Request Change Course CCE 4830 - A-2020-CCE-12; effective term: 202140
Date: Monday, October 12, 2020 8:54:50 AM

Please verify your data for New Curriculum Course Request for department: CCE; college: A.
Go to the following URL to complete your worklist items: <https://bwfp1.cc.wmich.edu:7102/wfbprod>

Date of request: 07-OCT-2020

Request ID: A-2020-CCE-12

College: A

Department: CCE

Initiator name: Decker Hains

Initiator email: decker.hains@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 CCE 4830
Specific Course Change type selected: Title
Specific Course Change type selected: Description

1. Existing course prefix and number:
CCE 4830

2. Proposed course title:
CCE Senior Design Proposal

3. Existing Banner course title:
Project Design And Control

4. Proposed course title to be entered in Banner:
CCE Senior Design Proposal

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.

Making the course title more description and in line with other departments in CEAS

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

Course title did not reflect actual purpose of the course. Title used outdated terms.

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.

- Formulate and present a capstone design project proposal acceptable to a sponsor or client.
- Describe the various aspects of project development, analysis of alternatives, design, and contracting.
- Discuss the importance and significance of professional practice issues such as the involvement in and contribution to professional societies, licensing, leadership, and life-long learning.
- Describe the key elements of environmental site assessment and sustainability.

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.

It's not.

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.

NONE.

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

None- simply a title and description change.

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.

None.

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.)

None.

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.

No effect.

O. Current catalog copy:

Problem definition, project planning and scheduling, follow-up and control techniques. Results in presentation and plan for senior project. This course, along with CCE 485, is approved as a writing-intensive course.

P. Proposed catalog copy:

This course is the first course in the Civil and Construction Engineering Capstone Design experience and features the problem definition, project planning and scheduling for a capstone design project. The major course output is a written project design proposal which students will complete the following semester in CCE4850. This course is designed to facilitate the student's transition to working within the practice of the civil and construction engineering profession.

Department Curriculum Chair approver: Xiaoyun Shao

Department Curriculum Chair comment:

Date: 12-OCT-2020

Department approver: Xiaoyun Shao

Chair comment:

Date: 12-OCT-2020