
Steven E Butt

Mon 11/19/2018 11:06 AM

To: Raja G Aravamuthan <raja.aravamuthan@wmich.edu>; Said M Abubakr <said.abubakr@wmich.edu>
Cc: Holly Blanks <holly.blanks@wmich.edu>

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

Date of request: 17-NOV-2018


College: A

Department: IEM

Initiator name: Steven Butt

Initiator email: steven.butt@wmich.edu

Proposed effective term: 202010

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 IEE 3420
Specific Course Change type selected: Enrollment restriction

1. Existing course prefix and number:
IEE 3420

2. Major and/or minor restrictions:
Include

3. 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):
Industrial Engr. (Accelerated) (IENQ)
Ind and Entrepreneurial Eng (IEEJ)
Product Design (APDJ)

https://outlook.office.com/owa/?realm=WMICH.EDU&exsvurl=1&ll-cc=1033&modurl=0&path=/mail/search
4. If this change applies to multiple courses, please list them below.
Not Applicable

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.
The proposed improvement is to update the course restrictions by deleting one program code and adding four new program codes. This is a clean up request.

E. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.).
Prior approval has been given to the Product Design program to use IEE 3420 as a required course. At that time we did not change the restrictions of IEE 3420 to include this program.

The three undergraduate degree programs in EDMMS have used IEE 3420 as an approved elective course for years, but the restrictions were never updated.

Finally, the IENJ code will be removed from the course restriction list, since the corresponding program has been closed with the creation of IEEI.

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. Accurately recognize and evaluate hazards (ergonomic in nature) which are likely to cause occupational illnesses or injuries.
2. Design and redesign tasks, products, and/or workstations to fit intended users
3. Apply the knowledge, skills, and abilities obtained in the course into an industry based project

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.
The proposed changes are clean up of the course restrictions. No course changes.

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.
No curriculum effect. The change will support student registration for the programs added to the inclusion list.

I. Effect on your department’s programs. Show how the proposed change fits with other departmental offerings.
No effect. Restriction clean up for programs that use IEE 3420.

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. No effect on enrolled students.

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. Clean up operation.

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 change

O. Current catalog copy:
IEE 3420 - Ergonomics and Design
An introduction to ergonomics affording students the necessary knowledge essential for the psychological and anthropometrical development leading to good design. Emphasis is placed on health and safety. A design project is required.

Credits: 3 hours

Lecture Hours - Laboratory Hours: (2 - 3)

P. Proposed catalog copy:
IEE 3420 - Ergonomics and Design
An introduction to ergonomics affording students the necessary knowledge essential for the psychological and anthropometrical development leading to good design. Emphasis is placed on health and safety. A design project is required.

Credits: 3 hours

Lecture Hours - Laboratory Hours: (2 - 3)

Department Curriculum Chair approver: Larry Mallak

Department Curriculum Chair comment:

Date: 19-NOV-2018
Department approver: Steven Butt

Chair comment:

Date: 19-NOV-2018