

**From:** [Steve Butt](#)  
**To:** [Decker Bradley Hains](#)  
**Cc:** [Holly Blanks](#)  
**Subject:** Curriculum Course Request Change Course IEE 5010 - A-2020-IEM-8; effective term: 202140  
**Date:** Wednesday, August 19, 2020 11:12:38 PM

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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: 19-AUG-2020

Request ID: A-2020-IEM-8

College: A

Department: IEM

Initiator name: Larry Mallak

Initiator email: Larry.mallak@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: B

Proposed course data:

Change Course IEE 5010

Specific Course Change type selected: Description

1. Existing course prefix and number:  
IEE 5010

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

B. Please choose the applicable class level:  
Both

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.  
Changing the course description to reflect the inclusion of IEE 5010 as a core course in the master's degree in engineering management (MSEM).

E. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.).  
This change is based on a curriculum change several years ago to the MSEM program. The course description was

not changed at that time and was an oversight.

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.  
N/A

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.  
N/A

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

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.  
This change is to update an error. The curriculum change has been in effect for several years.

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?  
N/A.

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.  
N/A

O. Current catalog copy:  
Course devoted to studying the basics of the industrial engineering profession. Subjects will include work analysis, engineering economy, statistical quality control, production planning and control, and material handling. Emphasis is placed on the application of these techniques to manufacturing related problems. This course cannot be applied for credit toward the Masters of Science degrees in Engineering Management or Industrial Engineering.

P. Proposed catalog copy:

Course devoted to studying the basics of the industrial engineering profession. Subjects include work analysis, engineering economy, statistical quality control, production planning and control, and material handling. Emphasis is placed on the application of these techniques to manufacturing-related problems. This course cannot be applied for credit toward the Masters of Science degree in Industrial Engineering.

Department Curriculum Chair approver: Larry Mallak

Department Curriculum Chair comment:

Date: 19-AUG-2020

Department approver: Steven Butt

Chair comment:

Date: 19-AUG-2020