Houssam Toutanji

Department Contact Information:
- Start Date: 10-SEP-2018
- College: A
- Department: PAPR
- Initiator name: Said Abubakr
- Department email: said.abubakr@wmich.edu
- Proposed effective term: 2019-04

Does course need General Education approval?
- N

Will course be used in teacher education?
- N

If 5000 level course, prerequisites apply to:
- U

Delete Course CHEG 4811
Course Deletion selected, type: required by others

1. Existing course prefix and number:
CHEG 4811

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 choose Yes or No to indicate if this class is a General Education class:
No

D. Explain briefly and clearly the proposed improvement.
CHEG 4810 (3 credits) was approved for Paper Engineering Majors to replace CHEG 4811 (two credits) to include mass transfer topics.

E. Rationale. Give your reason(s) for the proposed improvement. (If your proposal includes prerequisites, justify those, too.).
Paper Engineering students needed mass transfer design to meet ABET curriculum accreditation criteria.

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.
Not applicable

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.
To meet ABET criteria

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.
CHEG 4810 exists already for chemical engineering majors

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.
Not applicable

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
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.)
No effect

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 details 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:
CHEG 4811 - Unit Operations Lab: Fluid Flow and Heat Transfer
A unit operations laboratory course designed to demonstrate the principles
of transport phenomena. A variety of experiments will be done requiring the
application of transport principles covered in fluid dynamics, and heat

transfer.

Prerequisites & Corequisites: Prerequisites: CHEG 3120 and IEE 2610 with a
grade of "C" or better in all prerequisites.

Credits: 1 hour

| Department Curriculum Chair approver: Said Alubair |
| Date: 26-SEP-2018 |
| Comment: |
| Chair approver: Kecheng Li |
| Date: 26-SEP-2018 |
| Comment: |

* Curriculum Committee Approval
  * Approve
  * Deny

Reason for denial:

Comment:

Enter Proposal number only if approved:
  * Proposal Number:
  * Complete  Save & Close  Cancel

Attachments

Attach File