Date: January 18, 2013

To: Dr. Marshall Jones, Chair
Undergraduate Curriculum Committee

From: Dr. Jonathan Whitiow, Associate Professor
Department of Chemical Engineering

Through: Dr. Manolis Tomadakis, Department Head
Department of Chemical Engineering

Through: Dr. Ed Kalajian, Associate Dean
College of Engineering

Subject: Request to Change Prerequisites for CHE 4240

Request - The Chemical Engineering Department is requesting the Undergraduate Curriculum Committee approval to add the pre-requisite of CHE 2102 for the course CHE 4240.

Justification – At the April 2012 meeting of Undergraduate Curriculum Committee various changes in the Chemical Engineering curriculum were approved after an extensive review of the program by the Chemical Engineering Faculty. An oversight from the list of changes was the inclusion of the requested pre-requisite. CHE 4240 is typically taken in the fall of the junior year by Chemical Engineering students. The pre-requisite is being added to avoid transfer students taking the course who come into the curriculum with the requisite math skills (MTH 2201) that do not have any background or courses in Chemical Engineering. Since the CHE 4240 computational methods course uses material and examples covered in CHE 2101 and CHE 2102 the student comprehension of the material will be enhanced through the addition of this pre-requisite.
The addition or removal of any restriction or change in credit hours in a course requires that this form, accompanied by any supporting documentation, be completed and approved as indicated below.

COLLEGE: ENGINEERING

DEPARTMENT: CHEMICAL ENGINEERING

REQUEST IS FOR CHANGE IN COURSE: CHE 4 2 4 0

Advanced Computational Methods for Engineering Applications

TO BE INCLUDED IN 2013/2014 CATALOG AND EFFECTIVE IN THE BANNER SYSTEM FOR Fall 2013 TERM

Effective term must be a future term for which registration has not begun. Catalog year will be the next printed edition. Earlier terms/years will not be processed.

IS REQUEST FOR A CHANGE IN CREDITS FOR COURSE LISTED ABOVE?  ☐ Yes  ☒ No  If yes, current credits ______ requested credits ______

IS REQUEST TO CHANGE RESTRICTIONS FOR COURSE LISTED ABOVE?  ☒ Yes  ☐ No  If yes, please check all that apply:

☒ Add  ☐ Remove  ☒ Prerequisite  ☐ Corequisite  CHE 2 1 0 2

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite

☐ Add  ☐ Remove  ☐ Prerequisite  ☐ Corequisite

☐ Add  ☐ Remove  ☐ Other Restrictions*  ☐ Yes  ☐ No  If yes, please list below:

*Other restrictions may include changing the grades applied to the course (P/F, S/U, A-E, CEU), majors or class levels restricted from registration, or other restrictions.

APPROVALS: Once appropriate department approvals are completed, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for signatures below and forward to Catalog Director.

1)  Originator  1/23/13  4)  Chair, Graduate Council  Date

2)  Departing Head/Program Chair  1/23/13  OR

3)  Dean or Associate Dean  2-27-13  5)  Chair, Undergraduate Curriculum Committee Date

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