

MEMORANDUM

To: Clayton Baum, Chair of Undergraduate Curriculum Committee
From: John J. Engblom, Head, Mechanical and Aerospace Engineering Dept.
Date: 11/24/03
Subject: Changing Graduation Requirement for Aerospace Engineering Program

Please see attached description of the requested change for the Aerospace Engineering Program. We request that we replace the technical elective, presently required in the spring of the senior year, with MAE 4014 (Control Systems). The reason for the requested change is that the recent ABET accreditation audit states that we do not have enough coverage of controls in the Aerospace Engineering Program. This deficiency can be removed by adding an existing course MAE 4014 to the Aerospace Engineering Curriculum. After having a discussion with the MAE faculty, we've decided that it's best to add the course to the second semester of the senior year and to simply replace a technical elective. This leaves the Aerospace Engineering Curriculum with two technical electives and one free elective.

The addition or removal of any graduation requirement in a major requires that this form, accompanied by any supporting documentation, be completed and approved as indicated below.

College/School COE Department MAE

Degree level 7044 Program title Aerospace Engineering



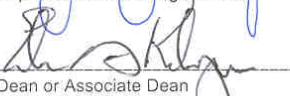
To be initiated with catalog year 20 04 /20 05

Brief description of requested changes (attach a more detailed description and any supporting documentation)

Replace Technical Elective required in the Spring semester of the senior year with MAE 4014 (Control Systems). The recent ABET accreditation visit, which took place between November 16, 2003 and November 18, 2003 resulted in an audit that specifies that the Aerospace Engineering Program must include evidence of coverage of controls. There is some coverage of controls in MAE 4242 (Aircraft Stability and Control) but not to the extent suggested by the ABET evaluator. Thus the suggested change is the most expeditious means of satisfying accreditation requirements. Prerequisites for MAE 4014 (Control Systems) include ECE 4991 and MTH 2201, which are required courses in the Aerospace Engineering curriculum.

APPROVALS

On completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee, for approval below and forward to the Office of the Registrar.

	<u>11/24/03</u>	_____	_____
Originator	Date	Chair, Graduate Council	Date
	<u>11/24/03</u>	_____	_____
Department Head/Program Chair	Date	OR	
	<u>11-24-03</u>	_____	_____
Dean or Associate Dean	Date	Chair, Undergraduate Curriculum Committee	Date

Registrar's Use Only Operator Init _____ Date _____

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