

UNIVERSITY OF MICHIGAN
College of Engineering
Curriculum Committee Meeting
Tuesday, December 2, 2014 – 1:30-3:00pm

*NO MTG -
VOTED ON CARFs
VIA EMAIL.*

Room 1180, Duderstadt Center

AGENDA

1. CARFs

CARF SUMMARIES

SUBJECT	COURSE#	ACTION	SUMMARY	EFFECTIVE TERM	MINIMUM GRADE REQUIRED FOR ENFORCED PREPREQ
AOSS	110	New course	Full term course; 1 credit; repeatable in term; undergrads only NOTE: although full term course on second page of CARF this is referred to as a "mini-course"	WT 2015	
MATSCIE	470	Modification	Enforced prereq	FT 2015	"C-"

CoE Curriculum Com EMAIL VOTE

	YES	NO
AOSS 110	+++ 	
MATSCIE 470	+++ 	

THE UNIVERSITY OF MICHIGAN -- COLLEGE OF ENGINEERING
 Course Approval Request
 College Curriculum Committee, 1420 Lurie Engineering Center Building

Form Number **2547**

Date **11/18/2014**

Action Requested

- New Course
- Modification of Existing Course
- Deletion of Course

Complete the following sections:

- New Courses - B & C completely
- Modifications - A modified information, B & C completely
- Deletions - A & C completely

Effective Term **Winter 2015**

Course Offer Freq Indefinitely
 One term only

A. CURRENT LISTING

B. REQUESTED LISTING

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Home Department</td> <td style="width: 70%;">Course Number</td> </tr> <tr> <td><input type="checkbox"/> Cross Listed Course Information</td> <td></td> </tr> <tr> <td>Course Title</td> <td></td> </tr> <tr> <td>TITLE ABBREVIATION</td> <td>Time Sched Max = 19 Spaces Transcript Max = 20 Spaces</td> </tr> <tr> <td>Course Description</td> <td>Course Description for Official Publication (Max = 50 words)</td> </tr> <tr> <td>PROGRAM OUTCOMES:</td> <td><input type="checkbox"/> a <input type="checkbox"/> c <input type="checkbox"/> e <input type="checkbox"/> g <input type="checkbox"/> i <input type="checkbox"/> k <input type="checkbox"/> b <input type="checkbox"/> d <input type="checkbox"/> f <input type="checkbox"/> h <input type="checkbox"/> j</td> </tr> <tr> <td>Degree Requirements</td> <td><input type="radio"/> Degree Requirement <input type="radio"/> Free Elective <input type="radio"/> Other <input type="radio"/> Core Course <input type="radio"/> Tech Elective</td> </tr> <tr> <td>Prereq</td> <td><input type="radio"/> Enforced <input type="radio"/> Advised</td> </tr> <tr> <td>Credit Restrictions</td> <td></td> </tr> <tr> <td>Level of Credit</td> <td>Credit Hours Contact Hrs/Wk Min Max Number of Wks</td> </tr> </table>	Home Department	Course Number	<input type="checkbox"/> Cross Listed Course Information		Course Title		TITLE ABBREVIATION	Time Sched Max = 19 Spaces Transcript Max = 20 Spaces	Course Description	Course Description for Official Publication (Max = 50 words)	PROGRAM OUTCOMES:	<input type="checkbox"/> a <input type="checkbox"/> c <input type="checkbox"/> e <input type="checkbox"/> g <input type="checkbox"/> i <input type="checkbox"/> k <input type="checkbox"/> b <input type="checkbox"/> d <input type="checkbox"/> f <input type="checkbox"/> h <input type="checkbox"/> j	Degree Requirements	<input type="radio"/> Degree Requirement <input type="radio"/> Free Elective <input type="radio"/> Other <input type="radio"/> Core Course <input type="radio"/> Tech Elective	Prereq	<input type="radio"/> Enforced <input type="radio"/> Advised	Credit Restrictions		Level of Credit	Credit Hours Contact Hrs/Wk Min Max Number of Wks	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Home Department</td> <td style="width: 70%;">Course Number</td> </tr> <tr> <td></td> <td>AOSS Atmos, Oceanic & Space Sci 110</td> </tr> <tr> <td><input type="checkbox"/> Cross Listed Course Information</td> <td></td> </tr> <tr> <td>Course Title</td> <td>Climate and Space Science and Engineering Seminar</td> </tr> <tr> <td>TITLE ABBREVIATION</td> <td>Time Sched Max = 19 Spaces Transcript Max = 20 Spaces <i>CLIM SPACE SCI SEM</i></td> </tr> <tr> <td>Course Description</td> <td>Course Description for Official Publication (Max = 50 words) Seminars by noted speakers, faculty and research scientists, designed to acquaint undergraduates with contemporary science and engineering problems, technologies and broader issues in the global climate and space sciences. 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<p>Submitted By: <input checked="" type="checkbox"/> Home Dept. <input type="checkbox"/> Cross-listed Dept.</p> <p>Department Chair Name <u>Atmos, Oceanic & Space Sci</u> Chair Signature <u><i>[Signature]</i></u></p> <p>Home Dept. <u>Atmos, Oceanic & Space Sci</u></p> <p>Cross-listed Dept(s) _____</p>																																											

REVISED per CoE.C. Com EMAIL
 NOTE ON CARF RMV 12/5/14

SUPPORTING STATEMENT

Seminars by noted speakers, faculty and research scientists, designed to acquaint undergraduates with contemporary science and engineering problems, technologies and broader issues in the global climate and space sciences. Technical communication assignments include written and/or oral reports based upon the seminars.

AOSS 110 "mini-course" will enable faculty to introduce contemporary issues being addressed in climate and space sciences and engineering at an introductory level and enable AOSS faculty and research scientists to directly engage with CoE undergraduates from within and without the department.

Potentially multiple mini-courses can be offered each term or year by different faculty. A new "section" of AOSS 110 would be assigned to each faculty member. Students could take multiple different mini-courses, but not the identical mini-course offered by the same instructor.

Course content will vary on the instructor, but a proposal will need to be submitted to the AOSS Curriculum Committee for approval prior to having the course and faculty listed.

Potential topics can span the breadth of atmospheric, meteorology, climate, space, and planetary science and engineering.

Are any special resources or facilities required for this course? Yes No

Detail the Special requirements

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.....

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Complete the following sections:
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Effective Term ~~Winter 2014~~
Fall Term 2015

Course Offer Freq Indefinitely
 One term only

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Approval Info

<input checked="" type="checkbox"/> Curriculum Comm. <input type="checkbox"/> Faculty <input type="checkbox"/> Cross listed Unit 1 <input type="checkbox"/> Cross listed Unit 2	Approved by Name: <u>Prof. Kevin Longtin</u> Approved Date: <u>12/5/14</u> sent RO 2/12/15 M & B Web Bulletin	Submitted By: <input checked="" type="checkbox"/> Home Dept <input type="checkbox"/> Cross-listed Dept Department Chair Name: <u>Materials Science Engineering</u> Chair Signature: <u>Amir Mirza</u>
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