



MISSISSIPPI STATE
UNIVERSITY[™]

*UNIVERSITY COMMITTEE ON
COURSES AND CURRICULA*

A MEMORANDUM

DATE: March 21, 2016
TO: UCCC Members
FROM: Kirk Swortzel, Chair
SUBJECT: April 1, 2016 Meeting

Enclosed are the minutes from the meeting on February 19, 2016 and the agenda and proposals for the meeting on **Friday, April 1, 2016 beginning at 1:30 p.m.** The meeting will be held in Room 324 of the Student Union. Please contact the UCCC office if you are unable to attend.

Thank you.

Enclosures: February 19, 2016 Meeting Minutes
Course/Curriculum Proposals

AGENDA
UNIVERSITY COMMITTEE ON COURSES AND CURRICULA
April 1, 2016

1. Welcome
2. Approval of minutes
3. Course proposals by college/school:

AGRICULTURE AND LIFE SCIENCES

Addition	FNH 8263	Nutritional Genomics
Modification +Maymester	HS 4832	Child Life Clinical (Tabled at February 19 th meeting)

ARTS AND SCIENCES

Addition	AN 8313	Paleopathology: Ancient Disease
Addition	CRM 4153	Mentoring for At-Risk Youths
Addition	CRM 4453	Power, War, and Peace
Addition	GR 4553/6553	Computer Methods in Meteorology
Addition +Gen. Ed.	HI 1003	The History of Science in Six Ideas
Addition	PS 4613/6613	Civil Wars and Intra-State Conflicts
Addition	SLCE 4153	Mentoring for At-Risk Youths
Modification +Distance	SO 1203	Sociology of Families
Addition	SO 4153	Mentoring for At-Risk Youths
Addition	SO 4453	Power, War, and Peace
Modification	SO 4804	Social Research Practice
Addition	SO 8313	Political Sociology

ENGINEERING

Addition	GE 1501	Engineering Design Competition
Addition	GE 1911	Introduction to Engineering

FOREST RESOURCES

Addition	FO 3213	Tree Physiology
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4. Degree proposals by college/school

ENGINEERING

Modification	MS	Aerospace Engineering (Campus 1 & Campus 5)
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University Committee on Courses and Curricula
Mississippi State University
February 19, 2016

Present: Amy Adkerson, Shrinidhi Ambinakudige, Tracey Baham, Russell Carr, Mike Cox, Dana Franz, Robert Frey, Robert Harland, Christina Hillesheim, Trey Howell, Kevin Hunt, Brenda Kirkland, Sundar Krishnan, Qingmin Meng, Lynda Moore, Rob Moore, Kelly Moser, Bob Otondo, Emily Owen, Tommy Parker, Andy Perkins, Lynn Reinschmiedt, John Riggins, Barry Stewart, Pam Sullivan, Kirk Swortzel, Jenny Turner, Tom White, Robert Wolverton, Chien Yu

Excused: Amy Crumpton, Skip Jack, John Rigsby, Arnelle Woods

Proxy: Bob Wolverton for Pat Matthes

Guests: Angela Farmer, Sally Gray, Leigh Ann Hailey, Andrew Lang, Hugh Medal, Susan Seal, Chander Sharma, Keith Walters, Molly Zuckerman

Swortzel called the meeting to order at 1:30 p.m. on Friday, February 19, 2016 in Room 324 of the Student Union. Swortzel announced a General Education Subcommittee meeting may be held in March or April, the next UCCC meeting will be held Friday, April 1, 2016, and the last UCCC meeting of the academic year will be held April 28, 2016.

Carr moved to approve the January 22, 2016 minutes. Cox seconded the motion. The January 22, 2016 minutes were approved unanimously.

Perkins moved to approve the addition of and distance designation for IE 8763 Stochastic Programming. Chien Yu seconded the motion. Committee members noticed the proposal syllabus uses a special topic proposal number and suggested the number be revised. The motion to approve the addition of and distance designation for IE 8763 passed unanimously.

Perkins moved to approve the modification to the MS in Mechanical Engineering (Campus 1 & 5) and the modification to the Ph.D. in Mechanical Engineering (Campus 1 & 5). Krishnan seconded the motion. Committee members recommended the wording for the direct admission process be clarified, so it is easily understood by students. Franz moved to pass the modification to the MS in Mechanical Engineering and the modification to the Ph.D. in Mechanical Engineering contingent upon the above concern being addressed. Harland seconded the motion. The motion to pass the modification to the MS in Mechanical Engineering and the modification to the Ph.D. in Mechanical Engineering contingent upon the above concern being addressed was approved unanimously.

Carr moved to approve the modification to PE 4853 Motor Learning and Skill Analysis. Cox seconded the motion. The motion to approve the modification to PE 4853 Motor Learning and Skill Analysis passed unanimously.

Carr moved to approve the modification of EPY 8493 Self-Emotional and Behavioral Assessment. Otondo seconded the motion. Committee members pointed out the proposed 30 character abbreviation needs to be corrected, and the name of the course on the proposal and the syllabus are not consistent. Franz moved to pass the proposal contingent upon the above concerns being addressed. Perkins seconded the motion. The motion to pass EPY 8493 contingent was approved unanimously.

Carr moved to approve the name change of the Ph.D. in Elementary, Middle, and Secondary Education Administration. Hunt seconded the motion. The motion to approve the name change for the Ph.D. in Elementary, Middle, and Secondary Education Administration was approved unanimously.

Carr moved to approve the addition of GR 4883/6883 Radar Meteorology. Hunt seconded the motion. Committee members pointed out the course syllabus PDF would not open, but Swortzel had a paper copy of the syllabus. Committee members felt the learning objectives were vague and different from the justification. Franz moved to pass the proposal contingent upon the above concern being addressed. Moser seconded the motion. The motion to pass GR 4883/6883 contingent was approved unanimously.

Carr moved to approve the addition of distance education to HI 4133/6133 Civil War and Reconstruction 1850 to 1877. Otondo seconded the motion. Committee members pointed out there is a typographical error in the method of evaluation information. Swortzel indicated he would make that correction. The motion to approve the addition of distance education to HI 4133/6133 was approved unanimously.

Carr moved to approve the addition of distance education and general education designation for FLG 1113 German I. Hunt seconded the motion. The motion to approve the addition of distance education and general education designation for FLG 1113 German I was approved unanimously.

Carr moved to approve the addition of AN 2103 Nutritional Anthropology. Moser seconded the motion. Committee members suggested the information on the syllabus about student absences due to illness should refer to AOP 12.09 instead of using the wording the syllabus currently contains. Swortzel announced the faculty member who initiated the proposal would make that revision. The motion to approve the addition of AN 2103 Nutritional Anthropology was approved unanimously.

Carr moved to approve the modifications of PO 4334 Broiler Production and PO 6334 Broiler Production. Cox seconded the motion. The motion to approve the modifications of PO 4334 and PO 6334 Broiler Production was approved unanimously.

Carr moved to approve the modification and Maymester designation for HS 4832 Child Life Clinical. Yu seconded the motion. Committee members were concerned that since the course is required for Child Life Certification, the course needs to be offered at additional times besides Maymester. Committee members suggested the proposal clarify when the course would be offered. Stewart moved to table the modification and Maymester designation for HS 4832 Child Life Clinical. Hunt seconded the motion. Carr called the question. The motion to table the modification and Maymester designation for HS 4832 was approved unanimously.

Carr moved to approve the modifications of AIS 4503 International Agricultural Education and AIS 6503 International Agricultural Education. Moser seconded the motion. Committee members discussed whether there should be any foreign language prerequisites for the courses. A committee member pointed out there is a foreign language requirement for the minor in International Studies in Agriculture. The motion to approve the modifications of AIS 4503 and AIS 6503 was approved unanimously.

Hunt moved to adjourn. Moser seconded the motion. The motion to adjourn was approved unanimously. The meeting was adjourned at 2:50 p.m.

APPROVAL FORM FOR

DEGREE PROGRAMS

MISSISSIPPI STATE UNIVERSITY

NOTE: This form is a cover sheet that must accompany the degree program change proposal. The actual proposal should be prepared in accordance with format requirements provided in the *Guide and Format for Curriculum Proposals* published by the UCCC. Both cover sheet and proposal should be submitted, along with all required copies, to UCCC, Garner Hall, Room 279, Mail Stop 9702.

College: Engineering

Department: Aerospace Engineering

Contact Person: J. Mark Janus

Mail Stop:

E-mail: mark@ae.msstate.edu

Nature of Change: Modification

Date: 2/5/16

Program will be offered at: Starkville (Campus 1)
Distance (Campus 5) note

Current Degree Program Name: Master of Science

Effective Date: Fall 16

Major: Aerospace Engineering

Concentration:

New Degree Program Name: Master of Science

Major: Aerospace Engineering

Concentration:

Summary of Proposed Changes:

Reduction in the number of coursework hours from 33 to 30 for the non-thesis option MS degree.

Tom Lacy

Department Head

[Signature]

Chair, College or School Curriculum Committee

[Signature]

Dean of College or School

Chair, University Committee on Courses and Curricula

Chair, Graduate Council (if applicable)

Chair, Deans Council

[Signature]

3/2/16

3/3/16

SACS Letter Sent

DEGREE MODIFICATION PROPOSAL

1. CATALOG DESCRIPTION

There is no proposed change to the catalog description.

2. CURRICULUM OUTLINE

CURRENT Degree Description		PROPOSED Degree Description	
Degree: Master of Science Major: Aerospace Engineering (Non-Thesis) Concentrations: N/A		Degree: Master of Science Major: Aerospace Engineering (Non-Thesis) Concentrations: N/A	
(No change to catalog description)		(No change to catalog description)	
CURRENT CURRICULUM OUTLINE	Required Hours	PROPOSED CURRICULUM OUTLINE	Required Hours
8XXX Graduate-level coursework	15	8XXX Graduate-level coursework	15
Additional graduate-level coursework	18	Additional graduate-level coursework	15
Total Hours	33	Total Hours	30

3. JUSTIFICATION AND STUDENT LEARNING OUTCOMES

This proposal reduces the number of coursework hours required to earn a non-thesis Master of Science degree in Aerospace Engineering from the current 33 hours to 30 hours. This change is both for main (Campus 1) and distance (Campus 5) options. The motivation of this change is twofold: First, to bring the number of hours in line with our thesis option (which requires 30 hours); in addition, it sets the stage for the Aerospace Engineering Department to offer an accelerated BS/MS program. By decreasing the hours to 30, an accelerated BS/MS student may complete 3 graduate courses in their BS, 3 more in each of the Fall & Spring in their MS program and one course during the intervening summer to complete the MS in one additional year past their BS. This change will help the program better meet local, state, and national education needs by increasing the availability of the MS degree to our undergraduates; increasing availability will only serve to advance diversity within the discipline. The change will not result in any duplication within the state.

4. SUPPORT

A letter of support from the ASE Graduate Committee is attached.

5. PROPOSED 4-LETTER ABBREVIATION

The MSU Registrar has adopted ASE as the abbreviation of Aerospace Engineering degrees

6. EFFECTIVE DATE

Fall 2016



MISSISSIPPI STATE UNIVERSITY
BAGLEY
COLLEGE OF ENGINEERING

DEPARTMENT OF
AEROSPACE ENGINEERING

J. Mark Janus
Associate Professor and Graduate Coordinator
mark@ae.msstate.edu

February 5, 2016

University Committee on Courses & Curricula
218 Garner Hall
MS 9702
Mississippi State University

Dear UCCC Committee,

The Department of Aerospace Engineering requests approval to reduce the coursework hours for non-thesis Master of Science students from 33 to 30. This change will bring in line the number of hours in our thesis and non-thesis options and will set the stage for establishing an Accelerated BS/MS program in the department similar to those offered by other departments in the Bagley College of Engineering. This modification was presented to and approved by the ASE faculty during the faculty meeting on February 5, 2016.

Please do not hesitate to contact me should you require any further information.

Sincerely,

J. Mark Janus
Associate Professor, Graduate Coordinator and Chair of ASE Graduate Committee

ASE Graduate Committee

David S. Thompson

Pasquale Cinnella

Yang Cheng

Ratan Jha