

## Academic Council Minutes January 18, 2012

The Academic Council met Wednesday, January 18, 2012, in the Dillard College of Business Administration, Room 189. Voting members in attendance were:

Dr. Matthew Capps, Dean, West College of Education  
 Dr. Rodney Cate, Interim Dean, College of Science and Mathematics  
 Dr. Ron Fischli, Dean, Lamar D. Fain College of Fine Arts  
 Dr. Patti Hamilton, Interim Dean, College of Health Sciences and Human Services  
 Dr. Jane Owen, Interim Dean, Graduate School  
 Dr. Kathleen Roberts, Faculty Senate Vice President  
 Dr. Chris Shao, Chair of Management and Marketing, substituting for Dr. Barb Nemecek,  
 Dean, Dillard College of Business Administration  
 Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences

Absent was Ms. Holly Allsup, Student Government Association Vice-President

Other attendees:

Ms. Naoma Clark, Director, Academic Success Center  
 Ms. Darla English, Registrar  
 Dr. Clara Latham, University Librarian  
 Ms. Barb Merkle, Director of Admissions  
 Mr. Matthew Park, Staff Senate Representative  
 Dr. Michael Vandehey, Chair, Honors Program Chair  
 Ms. Jamie Wilson, Associate Registrar

Dr. Alisa White, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:00 p.m.

### **Approval of Minutes**

Dr. White called for a motion to approve the minutes of the December 2011 Academic Council meeting. *Dr. Roberts made a motion that the minutes be adopted; Dr. Owen seconded.* Attention was brought to a few typographic errors and missing names of those in attendance on the Minutes. *Dr. Roberts made a motion that the minutes be adopted with the corrections made; Dr. Owen seconded, and the motion was adopted. (closed)*

### **Old Business**

Dr. White reported back on questions that were raised at the December 2011 Academic Council regarding MSU faculty co-authorized textbooks in the Radiology Program. Ms. Schulte contacted Ms. Jenny Denning (JD), MSU Bookstore Manager, Barnes and Noble, and Ms. Kathy Pennartz (KP), Director of MSU Financial Aid. Listed below are the questions and their responses.

1. Dr. Roberts, Nursing, stated that their students have said that they can only buy course books at Barnes and Noble (BN), not at Amazon. *JD: There are a few items such as course packs, the assessment bag and the bag of supplies for their med-surg clinical that cannot be found on the internet. If the faculty member requires a textbook package, the student can buy from BN, go to the publisher's website or order from wherever.*
2. Another person remarked that students have stated that if they are on scholarship and/or financial aid that they also could only buy books at BN. *KP: Financial aid posts funds awarded to a*

student's account. Those funds first pay off tuition/fees and any refund is given to the student. The student can use that refund to buy books wherever he/she wishes.

- If a student received a MSU book voucher, they can only purchase their books at BN. *KP: True – the MSU Book Voucher is good only at BN.*
- What is the markup at BN for course books? *JD: Per our contract, markup can be no higher than the publisher's list price or 25% on net priced books. Used books are 25% less than the new books. Course packs and textbooks purchased from publishers with restrictive, non-returnable text policies have a 30% margin.*

### New Business

- Dr. Capps made a motion to adopt the following undergraduate course change in Special Education; *Dr. Cate seconded and the motion was adopted (closed).*

#### **SPECIAL EDUCATION, effective Spring 2012**

Change of course prerequisite:

#### **SPED 3613. Exceptional Individuals**

Remove co-requisite of concurrent enrollment in EDUC 3153

- Dr. Cate made a motion to adopt the following undergraduate catalog changes in Mechanical Engineering; *Dr. Capps seconded and the motion was adopted (closed).*

#### **MECHANICAL ENGINEERING, effective Spring 2012**

Catalog changes under Additional Academic Course Work (**31 semester hours**):

PHIL 2033

ENGL 3203

PHYS 1624 and 2644

CHEM 1141 and 1143

MATH 1734, 2534 and 3433

**Two semester hours to be selected from Exercise Physiology activities courses or Visual and Performing Arts as shown on page 92.**

#### **Mechanical Engineering Major Course Work (75 semester hours):**

<b>MECHANICAL ENGINEERING PLANNING SHEET</b>									
<b>Fall</b>					<b>Spring</b>				
<b><u>Freshman Year</u></b>									
PHYS	1624	Mechanics & Wave Motion & Heat	4		PHYS	2644	Electricity & Magnetism & Optics	4	
MATH	1634	Calculus I	4		MATH	1734	Calculus II	4	
MENG	1101	Introduction to Engineering	1		MENG	1202	Solid Modeling	2	
MENG	1133	Engineering Graphics	3		ENGL	1123	Rhetoric & Composition	3	
ENGL	1113	Rhetoric & Composition	3		CORE	(suggested: Kinesiology activity course)			1
CORE	(suggested: Kinesiology activity course)		1						
			<b>16</b>						<b>14</b>
<b><u>Sophomore Year</u></b>									
CHEM	1143	General Chemistry	3		MATH	3433	Differential Equations	3	
CHEM	1141	General Chemistry Lab	1		MENG	2203	Thermodynamics	3	
MATH	2534	Calculus III	4		MENG	2204	Electronics	4	
MENG	2104	Electric Circuits	4		MENG	2213	Dynamics	3	
MENG	2113	Statics	3		MENG	2223	Mechanics of Solids	3	
MENG	2133	Engineering Economics	3						

			<b>18</b>					<b>16</b>
<b>Junior Year</b>								
MENG	3104	Fluid Mechanics	4		MENG	3203	Applied Fluid Power Design	3
MENG	3114	Materials Science	4		MENG	3212	Introduction to Engineering Design	2
MENG	3123	Measurements & Instrumentations	3		MENG	3222	Mechanisms	2
ENGL	3203	Technical Writing	3		MENG	3234	Heat Transfer	4
CORE			3		MENG	3243	Computer Aided Engineering	3
					CORE			3
			<b>17</b>					<b>17</b>
<b>Senior Year</b>								
MENG	4122	Machine Control Programming	2		MENG	4203	Mechanical Engineering Analysis	3
MENG	4123	Mathematical Methods for Engineers	3		MENG	4243	Senior Design II	3
MENG	4134	Dynamics of Machines	4		MENG	4253	Control Systems	3
MENG	4143	Senior Design I	3		CORE			3
CORE			3		CORE			3
CORE			3					
			<b>18</b>					<b>15</b>
<b>TOTAL HOURS:</b>					<b>131</b>			
CORE: refers to the MSU Special Core that MENG students are required to take to broaden their education and that are indirectly indicated above. These are as follows:								
		Political Science 1333 and 1433				History 1133 and 1233		
		Speech Communication 1133 or 1233				Philosophy 2033 Ethics (a special MENG requirement)		
Two semester hours to be selected from Exercise Physiology activities courses or Visual and Performing Arts								
								<b>revised 10-26-09</b>

3. Dr. Cate made a motion to adopt the following undergraduate catalog changes in Mechanical Engineering; *Dr. Capps seconded and discussion ensued.* Dr. White reported that this is not an approved major at this time. Paperwork requesting preliminary authority to request the Bachelor of Science in Interdisciplinary Engineering major has been submitted to the Texas Higher Education Coordinating Board (CB). Once the preliminary authority request has been approved by the CB, the process will begin to request approval for the new major through Academic Council, the Board of Regents, and then the CB. *Dr. Cate recommended this item be tabled until the proper approval has been obtained. (open)*

### INTERDISCIPLINARY ENGINEERING

Catalog changes under Additional Academic Course Work (**31 semester hours**):

PHIL 2033

ENGL 3203

PHYS 1624 and 2644

CHEM 1141 and 1143

MATH 1734, 2534 and 3433

**Two semester hours to be selected from Exercise Physiology activities courses or Visual and Performing Arts as shown on page 92.**

<b>INTERDISCIPLINARY ENGINEERING</b>								
<b>(IEGR)PLANNING SHEET</b>								
								<b>REVISED MAY 2010</b>
			<b>Fall</b>					<b>Spring</b>
<b>Freshman Year</b>								
PHYS	1624	Mechanics & WaveMotion & Heat	4		PHYS	2644	Electricity & Magnetism & Optics	4

MATH	1634	Calculus I	4		MATH	1734	Calculus II	4
MENG	1101	Introduction to Engineering	1		MENG	1202	Solid Modeling	2
MENG	1133	Engineering Graphics	3		ENGL	1123	Rhetoric & Composition	3
ENGL	1113	Rhetoric & Composition	3		CORE	(suggested: Kinesiology activity course)		1
CORE	(suggested: Kinesiology activity course)		1					
			<b>16</b>					<b>14</b>
<b><u>Sophomore Year</u></b>								
CHEM	1143	General Chemistry	3		MATH	3433	Differential Equations	3
CHEM	1141	General Chemistry Lab	1		MENG	2203	Thermodynamics	3
MATH	2534	Calculus III	4		MENG	2204	Electronics	4
MENG	2104	Electric Circuits	4		MENG	2213	Dynamics	3
MENG	2113	Statics	3		MENG	2223	Mechanics of Solids	3
MENG	2133	Engineering Economics	3					
			<b>18</b>					<b>16</b>
<b><u>Junior Year</u></b>								
IEGR	3114	Applied Materials Sc. and Proc.	4		STAT	3224	Statistical Quality Control	4
IEGR	3123	Metrology	3		IEGR	3204	Thermo-Fluid Systems	4
IEGR	3131	Machining/Welding Practicum	1		IEGR	3214	Production/Planning and Control	4
ENGL	3203	Technical Writing	3		IEGR	3244	Computational Tools in Engineering	4
CORE			3					
CORE			3					
			<b>17</b>					<b>16</b>
<b><u>Senior Year</u></b>								
IEGR	4103	Applied Mathematics	3		IEGR	4212	Renewable Energy Systems	2
IEGR	4114	Fluid Power Systems	4		IEGR	4213	Applied Control Theory	3
IEGR	4132	Senior Capstone Project I	2		IEGR	4242	Senior Capstone Project II	2
IEGR	4133	Machine Design	3		IEGR	4243	Automation Systems	3
CORE			3		CORE			3
CORE			3		CORE			3
			<b>18</b>					<b>16</b>
<b>TOTAL HOURS:</b>					<b>131</b>			
CORE: refers to the MSU Special Core that MENG and IEGR students are required to take to broaden their education and that are indirectly indicated above. These are as follows:								
		Political Science 1333 and 1433				History 1133 and 1233		
		Speech Communication 1133 or 1233				Philosophy 2033 Ethics (a special IEGR requirement)		
and 2 semester hours to be selected from Kinesiology activity courses or the Visual and Performing Arts.								

4. Dr. Capps made a motion to adopt the following graduate catalog and course changes in Education; *Dr. Hamilton seconded and the motion was adopted (closed).*

#### **EDUCATION:**

##### **EDUCATIONAL LEADERSHIP AND TECHNOLOGY**

Jane Owen, Chair

Educational Leadership and Technology Department

**EDUCATIONAL LEADERSHIP**

Program Coordinator, Jane Owen

**Mission Statement:** The Master of Education degree with a major in Educational Leadership prepares students for school leadership roles. The program provides opportunities for students to learn and apply

knowledge, skills, and dispositions set forth in Educational Leadership Constituent Council (ELCC) standards.

**Program Information:** Students will work in informal cohorts to apply educational leadership knowledge and skills to current school issues, often in actual school settings. Students who complete the educational leadership program are eligible to apply for Texas Principal Certification upon satisfactory completion of the state mandated TExES examination **and two years of teaching experience.**

All students must meet the admission standards for the University and the West College of Education. The graduate program in Educational Leadership requires 36 semester hours. Master's degree candidates must complete ~~and orally defend a research paper during EDUC 6753 (Applied Educational Research)~~ **OR successfully complete EDLE 5783 (Research, Data Analysis, and Evaluation for School Leaders) the 36 hour course of study as listed as well as the ELCC Capstone Research Project approved and scored by an Educational Leadership faculty member. The ELCC Capstone Research project must reflect an ability to support K-12 student learning and development.**

Students who already possess a master's degree may enroll in a non-degree program leading to principal or superintendent certification. Students pursuing principal certification will be directed **by a program advisor** to enroll in **required** educational leadership courses not already taken in their master's degree work. Research courses (**6 hours**) ~~and a file paper~~ are not required; **internship is required. Non-degree seeking candidates must complete the ELCC Capstone Research Project approved and scored by an Educational Leadership faculty member. The ELCC Capstone Research project must reflect an ability to support K-12 student learning and development.** The superintendent certification program is an 18-hour, year-long course of study to prepare students to take the state superintendent certification exam. Candidates must have two years of principalship experience and a superintendent willing to mentor them.

A probationary principalship certificate is available upon completion of the 15 hours of core courses and a documented job offer. Candidates for this certificate must meet legal requirements. The certificate is valid one year at a time for up to 3 years. Students must enroll in EDLE 5793 to participate in a probationary internship the first year and EDLE 5791 for each additional year.

Upon completion of the five core courses and before the Internship course (EDLE 5693), candidates are required to take the Educational Leadership Constituents Council Assessment of Content Knowledge. This exam is an assessment of candidates' current mastery of standards covered in the five core courses. This exam provides feedback to students on their current progress and to faculty for course development.

The core courses are:

EDLE 5593 Leadership and Communication Processes  
 EDLE 5603 Introduction to Leadership  
 EDLE 5623 School Law and Personnel  
 EDLE 5643 School Business Management  
 EDLE 5673 Leadership in School Change

Additional courses are:

EDLE 5583 Curricular Supervision for School Leaders  
 EDLE 5653 Building School Communities for Diverse Learners  
 EDLE 5663 Community Politics and Public Relations  
 EDLE 5683 Instructional Improvement and Staff Development (~~was 5686~~)  
 EDLE 5693 Graduate Internship in Educational Leadership (**Offered fall and spring only**)  
 EDUC 5053 Introduction to Educational Research

EDUC 6753 Applied Research or ~~EDLE 5783 Research Data Analysis and Evaluation for School Leaders~~

EDLE 5793 Probationary Internship \*

~~EDUC~~ EDLE 5791 Probationary Internship II \*\*

\*Required for students holding a first year probationary certificate.

\*\*Required continuation of Probationary Internship for students not yet enrolled in EDLE

5693 (~~Graduate Internship in Educational Leadership~~). Offered fall and spring only

5. Dr. White reported that there was a drop in enrollment for the spring semester. An ad-hoc task force on retention is being created which will include people from areas under academics, student affairs, enrollment management, and student success. If anyone would like to recommend a faculty or staff member or a student to serve on the committee, or if they have any ideas to share with the committee, that they send her the information. (*information item; no vote required*)

6. Dr. Hamilton announced that her college is working on an Honor Project to promote academic integrity through speakers and events. If you would like to volunteer, please contact her. (*information item; no vote required*)

### Adjournment

There being no other business, the meeting was adjourned at 2:39 p.m.

Respectfully submitted,

Deb Schulte, Assistant to the Provost

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 Note: the following items were sent to the Academic Council for an electronic vote on January 23, 2012. Both items were approved for adoption by the voting members of the Council. (closed)

1. Proposal for a name change to a department in the West College of Education:

From: Department of Education and Reading  
 To: Department of Curriculum and Learning

2. Proposal to adopt the following undergraduate course change in Mathematics:

#### New course Addition

MATH 2603. Math for Thermodynamics

Prerequisite: MATH 1734

Description: Applications of series, linear algebra, complex numbers, vector analysis, multivariate integration, and partial differentiation in the student of Physical Chemistry, thermodynamics and quantum mechanics.

Course Objectives: designed to prepare students for advanced undergraduate studies in Thermodynamics, Quantum mechanics, and Kinetics. The students will gain experience in the application of various mathematics methods as they apply to the areas of scientific reason and the development of fundamental theory for advanced undergraduate level physics and chemistry courses. *Note from the January 2012 Academic Council meeting: initial proposal removed from agenda because course objectives were not identified and question raised about amount of degree hours required – Dr. Cate reports that his course does not affect the math degree and is only taken by students preparing for CHEM 3603. It is to be used for a math minor in place of MATH 2133 for Chemistry majors only.*