

Academic Council Minutes April 18, 2012

The Academic Council met Wednesday, April 18, 2012, in the CSC Kiowa Room. Voting members in attendance were:

Dr. Michelle Kitchen, Chair, Counseling, Kinesiology and Special Education,
substituting for 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. James Johnston, Associate Professor of Radiologic Science,
substituting for Dr. Patti Hamilton, Interim Dean, College of Health Sciences and Human Services
Dr. Barbara Nemecek, Dean of the Dillard College of Business Administration
Dr. Jane Owen, Interim Dean, Graduate School
Dr. Kathleen Roberts, Faculty Senate Vice President
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
Dr. Julie Wood, Chair of the MSU Core Curriculum Committee

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 March 2012 Academic Council meeting. Dr. Cate made a motion to adopt the minutes; Dr. Fischli seconded, and the motion was adopted. (*closed*)

Old Business

There being no Old Business to discuss, the Council moved on to New Business.

New Business

1. Dr. White introduced Dr. Julie Wood who is serving as the Chair of the Core Curriculum Committee (CCC). She expressed her thanks to Dr. Wood and the committee members for the work they are doing.

Dr. Wood presented a draft of a Core Course Review document that the committee recommends be used in evaluating courses for the new core curriculum. She included a sample of the form filled out for a math course. Both are shown on the following pages. The form was created by the CCC as there were none on file from the THECB; they want universities to create their own to meet their individual needs. Each course will need be re-evaluated every 2-3 years. The attachments required with the form will be the actual assessment results.

Dr. Wood also mentioned that the CCC recommends the adoption of a standard syllabus template for all university courses.

Below is information from a discussion that followed Dr. Wood's presentation:

- Effective Fall 2014, the core curriculum will be 42 hours instead of 48 hours
- The 42 hours was established in conjunction with SACS and AAC&U requirements
- Degree plans will still have to be at 120 hours and certain course will not be able to be in the core
- All new students starting in Fall 2014 will enter under the 42 hours core

Core Course Review Documentation
DRAFT DRAFT DRAFT DRAFT

Foundational Component Area: _____
(Create form specific to each foundational component area.)

Proposed Course:

Credit Hours:

Proposed by:

Date:

Please document how the proposed course meets each of the following requirements. (You may provide a written explanation or copy and paste the appropriate information from the syllabus.)

1. Content: Courses in this category focus on...
2. Skills: Courses involve...
3. Assessment of Core Objectives: Assessments should be authentic, intentional and direct.
 - Core Objective 1
 - Core Objective 2
 - Core Objective 3
 - Core Objective 4
4. Additional Information: Provide any additional information supporting course inclusion in the core (optional).

PLEASE ATTACH THE FOLLOWING

1. Syllabus
 2. Assessment for Core Objective 1
 3. Assessment for Core Objective 2
 4. Assessment for Core Objective 3
-

Core Course Review Documentation
DRAFT DRAFT DRAFT DRAFT
Foundational Component Area: Math

(Create form specific to each foundational component area.)

Proposed Course: *MATH 1233 College Algebra*
Credit Hours: *3 hours*
Proposed by: *Faculty Member or Department or College*
Date: *March 2012*

Please document how the proposed course meets each of the following requirements. (You may provide a written explanation or copy and paste the appropriate information from the syllabus.)

1. Content: Courses in this category focus on quantitative literacy in logic, patterns, and relationships.
 - Bullet list of content topics that focus on the content emphasis stated above (include in course outline or course calendar on syllabus)
2. Skills: Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.
 - Bullet list of student-centered learning activities and/or experiences that are designed to focus on the above skills (specific learning activities should be identified or briefly noted on syllabus, such as a brief paragraph informing students of the type of activities to expect in this class)
 - The purpose of the learning activities is to provide students the opportunity to become actively involved in learning
3. Assessment of Core Objectives: The following three core objectives must be addressed in each course approved to fulfill this category requirement: Critical Thinking, Communication Skills, and Empirical and Quantitative Skills.

Critical Thinking Skills – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.

- An assessment designed specifically for MATH 1233 that **directly** measures the critical thinking skills **expected of students in this course**. (Provide a brief description of the assessment.)
- The rubric used to assess student competency should **align with, or be similar to**, the AACU Critical Thinking Value Rubric.

Communication Skills – to include effective development, interpretation and expression of ideas through written, oral, and visual communication.

- An assessment designed specifically for MATH 1233 that **directly** measures the communication skills **expected of students in this course**. (Provide a brief description of the assessment.)
- The rubric used to assess student competency should **align with, or be similar to**, the AACU Oral Communication and Written Communication Value Rubric.

Empirical and Quantitative Skills – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

- An assessment designed specifically for MATH 1233 that **directly** measures the empirical and quantitative skills **expected of students in this course**. (Provide a brief description of the assessment.)
- The rubric used to assess student competency should **align with, or be similar to**, the AACU Quantitative Literacy Value Rubric.

4. Additional Information: Provide any additional information supporting course inclusion in the core (optional).

PLEASE ATTACH THE FOLLOWING

1. Syllabus
 2. Assessment for Critical Thinking Skills
 3. Assessment for Communication Skills
 4. Assessment for Empirical and Quantitative Skills
-

2. Dr. Nemecek made a motion to adopt the following undergraduate course and catalog changes in Management; *Dr. Fischli seconded and the motion was adopted (closed).*

Management

Catalog change, currently page 123 of 2010-12 catalog

Courses for Major in Management (27 semester hours)
MGMT 3783, 4033, 4113, 4213, and 4613; plus twelve hours from the following: MGMT 4313, 4513, 4663, 4783, 4793, **4893**, LSBA 3243, BUAD 4993, ECON 3703 **or** 4643, MIS 3163, **or one from MKTG 3763, 4303, 4643, and 4723** ~~4753~~.

Degree Plan change

2012-2014 BBA with a Major in Management (on back side of degree plan, endnote 8)
Other catalog listed courses: LSBA 3243, ECON 3703 **or** 4643, MIS 3163, **or one from MKTG 3763, 4304** ~~or 4753, 4643, and 4723~~.

NOTE: On August 15, 2012, Dr. White called for a motion to approve the minutes of the April 2012 Academic Council meeting. There was a correction noted (see bold/underlined area below). Dr. Hamilton made a motion to adopt the minutes with the correction; Dr. Capps seconded, and the motion was adopted. (closed)

From the April 18, 2012 Academic Council Minutes

Under New Business, item 2, page 4

Management

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MGMT 3783, 4033, 4113, 4213, and 4613; plus twelve hours from the following: MGMT **4313** **4413**, 4513, 4663, 4783, 4793, **4893**, LSBA 3243, BUAD 4993, ECON 3703 **or** 4643, MIS 3163, **or one from MKTG 3763, 4303, 4643, and 4723** ~~4753~~.

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3. Dr. Johnston made a motion to adopt the following undergraduate course and catalog changes in Radiologic Science; *Dr. Cate seconded and the motion was adopted (closed).*

Radiologic Sciences

Change of lecture/lab hours, effective Fall 2012

RADS 1513 Radiographic Imaging Equipment

Lec/Lab Hrs: ~~2(2-2)~~ 3(3-0)

Change of course prerequisite, effective Fall 2012

RADS 4833 Evaluation Methods in Radiologic Sciences

Prerequisite(s): ~~RADS 4813~~ None

4. Dr. Cate made a motion to adopt the following undergraduate course and catalog changes in Computer Science and Mathematics; *Dr. Fischli seconded and the motion was adopted (closed).*

Computer Science

New course addition, effective Fall 2012

CMPS 4663 Topics in Computer and Networking Security

Prerequisite(s): Minimum grades of C in CMPS 1053 or 1063 and in CMPS 2084

Description: Selected topics from computer and network security, including applications and operating system vulnerabilities, cryptography, computer forensics, web application weaknesses, malicious code attacks, intrusion detection, data protection, cyber warfare, user authentication,

defensive programming and ethical hacking. May be repeated for credit with consent of the department chair.

Lecture 3(3-0)

Course Objectives

According to the selected topic, students will be able to:

- Describe the functionality of a computing system (scripts, operating system, hardware, etc.)
- Identify common security flaws in computing systems
- Discuss measurements required to protect computing systems (encryption, policies, coding techniques, etc.)

Mathematics

Change of course prerequisites, effective Fall 2012

MATH 3033 Concepts of Calculus

Prerequisite(s): ~~MATH 1233 and 2043 with grades of C or better~~

MATH 1233 with a grade of C or better

MATH 3133 Techniques of Problem Solving

Prerequisite(s): ~~MATH 1233 and 2043 with grades of C or better~~

MATH 1233 and 2033 with grades of C or better

MATH 4033 Foundations of Discrete Mathematics

Prerequisite(s): ~~Six hours of advanced mathematics~~

MATH 2043 and 3033 with grades of C or better

MATH 4143 Mathematical Statistics II

Prerequisite(s): ~~MATH 4133~~

MATH 4133 and STAT 3573

5. Dr. Owen made a motion to adopt the following graduate course and catalog changes; *Dr. Watson seconded and the motion was adopted (closed).*

Biology

Change in prerequisite, effective Fall 2012

BIOL 6983 Thesis

Prerequisite(s): ~~none~~

Graduate Advisory Committee Approval of student's thesis proposal

Computer Science

New course addition, effective Fall 2012

CMPS 5363 Graduate Topics in Computer and Networking Security

Prerequisite(s): minimum grades of C in CMPS 1053 or 1063 and in CMPS 2084

Description: Selected advanced topics from computer and network security, including applications and operating system vulnerabilities, cryptography, computer forensics, web application weaknesses, malicious code attacks, intrusion detection, data protection, cyber warfare, user authentication, defensive programming and ethical hacking. May be repeated for credit with consent of the graduate coordinator.

Lec/Lab Hrs: 3(3-0)

Course Objectives

According to the selected topic, students will be able to:

- Describe the functionality of a computing system (scripts, operating system, hardware, etc.)
- Identify common security flaws in computing systems
- Research trends in security attacks
- Evaluate computing systems in terms of security measurements (encryption, policies, coding techniques, etc.)

Adjournment

There being no other business, the meeting was adjourned at 2:46 p.m.

Respectfully submitted,

Deb Schulte, Assistant to the Provost

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Management

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3763, 4304 4303 ~~or 4753, 4643, and 4723~~.