

# Academic Council Minutes

## October 20, 2015

### Midwestern State University

The Academic Council met Tuesday, October 20, 2015, in the Dillard College of Business Administration, Priddy Conference Room.

Voting members in attendance were:

Dr. Marcy Brown Marsden, Dean, College of Science and Mathematics  
Dr. Matthew Capps, Interim Dean of the Billie Doris McAda Graduate School  
Dr. Michaelle Kitchen, Interim Dean, West College of Education  
Dr. James Johnston, Dean, Gunn College of Health Sciences and Human Services  
Dr. Terry Patton, Dean, Dillard College of Business Administration  
Dr. James Sernoe, substituting for Dr. Martin Camacho, Dean, Lamar D. Fain  
College of Fine Arts  
Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences

Voting members not in attendance: Dr. Laura Fidelie, Faculty Senate Vice-Chair, and the Student Government Association Vice President

Other attendees:

Ms. Leah Hickman, Interim Director, Admissions  
Ms. Darla English, Registrar  
Dr. Keith Lamb, Vice President for Student Affairs and Enrollment Management  
Dr. Clara Latham, University Librarian  
Ms. Juliana Lehman-Felts, Coordinator, Honors Program  
Mr. Newman Wong, Staff Senate Representative

Dr. Betty Hill Stewart, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:05 p.m.

#### **Approval of Minutes**

Dr. Stewart called for a motion to approve the September 2015 Minutes of the Academic Council. *Dr. Johnston made a motion that the minutes be adopted; Dr. Capps seconded and the motion was unanimously adopted. (closed)*

#### **Old Business**

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

## New Business

1. Dr. Lamb presented information on proposed Admissions changes. Dr. Johnston made a motion to adopt the proposed changes in Admissions. *Dr. Capps seconded; and the motion was adopted. (closed)*

- A. Students will be admitted if they graduated in the top ~~ten percent~~ **twenty-five percent** of their class from an accredited Texas public high school and if they meet the following conditions:
1. Graduated from high school within the two years prior to the academic year for which admission is sought; and
  2. Submitted a complete application and an official transcript from the high school before the deadline
- B. Home Study Program

~~Students who graduate from an unaccredited high school or home study program will be considered for admission on an individual basis. Official entrance exam scores must be submitted for evaluation to determine admission status.~~

**Students who graduate from a home study program must have a minimum 3.0 unweighted grade point average and a minimum combined SAT score (math and critical reading scores only) of 990 or an ACT composite score of 21. If the 3.0 gpa benchmark is not met then the student must meet state college readiness benchmarks.**

- C. No current policy addressing students from non-ranking high schools

**Students who graduate from an accredited high school that does not rank students must have a minimum 3.0 unweighted gpa and a minimum combined SAT score (math and critical reading scores only) of 990 or an ACT composite score of 21. If the 3.0 gpa benchmark is not met then the student must meet state college readiness benchmarks.**

2. Dr. Lamb presented information on proposed Admissions application date changes. Dr. Johnston made a motion to adopt the proposed application date changes in Admissions. *Dr. Capps seconded; and the motion was adopted. (closed)*

## How to Apply for Undergraduate Admission

Undergraduate students should complete the following steps at least six weeks prior to the semester for which they seek admission, but no later than the deadline for application published in the University's catalogs. Midwestern State has an application fee of \$25.00 for new undergraduate students and a \$10.00 matriculation fee for returning students. Application fees are non-refundable and non-transferable. Students may apply online via Apply Texas at <https://www.applytexas.org> or at <http://www.mwsu.edu/admissions/index>. Students who are not accepted for admission by the printed deadlines or who fail to apply and have all credentials on file by the printed deadlines, may have to attend late registration for enrollment. A late registration fee of \$25.00 will be assessed.

1. **Application for Undergraduate Admission** must be filed with MSU Admissions by the following deadlines:

	<u>Priority Date</u>	<u>Regular Deadline</u>
Fall	- March 1	August 7- <b><u>August 1</u></b>
Spring	- November 1	December 15- <b><u>December 1</u></b>
Summer I	- May 1	May 15- <b><u>May 1</u></b>
Summer II	- June 1	June 15- <b><u>June 1</u></b>

**An application for admission will not be processed until the application and/or matriculation fees have been received by MSU Admissions.**

**Beginning freshmen who receive test fee waivers from their high schools to take entrance exams (ACT/SAT) may submit the forms to be used to waive application fees for admission. All application fee waivers must be individually approved by the Director of Admissions.**

3. Dr. Lamb presented information on an International Services proposal. Dr. Capps made a motion to adopt the proposed application date changes in Admissions. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

*The office of International Services proposes the inclusion of the Pearson Test of English (PTE), International English Language Testing System (IELTS), International Test of English Proficiency (ITEP) as alternatives to the existing option of TOEFL only in the catalog. We currently have the TOEFL-iBT as the default test. Adding the IELTS, ITEP and PTE merely expands the opportunities to recruit additional students by allowing them to access the most convenient ESL testing sites available. These tests are highly reputed and widely accepted. In essence, it is just a convenience tool for our growing international outreach. The IELTS and other tests are actually more widely used tools and are equally if not more effective for gauging the level of language proficiency of prospective students. The overwhelming majority of our current non-native students submit a test other than TOEFL for graduate admission. Note that a very small percentage of our undergrads are admitted with language test qualification accomplished. Most of our undergraduates invariably are admitted after a period of instruction in IELI on campus. As a separate item, the dates for Spring and Summer admissions have been extended by one month.*

Admission – International applicants to Midwestern State University must meet entrance requirements as outlined for all students and the items listed below to be considered for admission. An application for admission by the following deadlines:

Fall – April 1  
 Spring – ~~August 1~~ **September 1**  
 Summer – ~~January 1~~ **February 1**

An evaluation fee of (U.S.) \$50.00.

Official academic transcripts for all preparatory schools, colleges, and universities attended. These documents, along with official translation if in a language other than English, must be sent directly from the institution to the Office of International Services. (To be acceptable, the transcripts must reflect above average scholastic capabilities.)

Official Test of English as a Foreign Language (TOEFL) scores. Applicants must submit a score of ~~at least 550 on the paper-based TOEFL exam or a score of at least 213 on the computer-based exam or 79 on the Internet-based exam (iBT)~~ to meet the university requirement for unconditional admission. Students taking TOEFL iBT will be required to score a minimum total test score of 79, with preferred scores on each of the sections of the test as follows:

Writing	-	20
Speaking	-	20
Reading	-	19
Listening	-	20

**IELTS Test score of 6.0 will serve as an acceptable alternative to the above TOEFL requirement.**

**ITEP Test score of 4.0 will serve as an acceptable alternative to the above TOEFL requirement.**

**PTE Test score of 53 will serve as an acceptable alternative to the above TOEFL requirement.**

TOEFL is not required if English is the native language. A local English proficiency examination may be required.

4. Dr. Sernoe, substituting for Dr. Camacho, made a motion to adopt the following undergraduate course and catalog changes in Art. *Dr. Capps seconded; and the motion was adopted. (closed)*

### **Change of Course Descriptions, effective fall 2016**

ART 3413 - History of World Art: Survey I

~~An introduction to art and architecture as social products of global human history. Both the comparability and diversity of human social organizations and the role of visual culture in them will be discussed. From the Prehistoric through the Gothic era in Europe.~~

**Examines art, architecture, visual and material culture from Prehistory through the European Gothic period.**

ART 3423. History of World Art: Survey II

~~An introduction to art and architecture as social products of global human history. Both the comparability and diversity of human social organizations and the role of visual culture in them will be discussed. From the fifteenth century to the present.~~

**Examines art, architecture, visual and material culture from the European Gothic to the present.**

ART 4703. Graphic Design IV, Animation

~~Three-dimensional and animation design. Use of storyboards and skills involving interface design. Special attention to concept design and creative problem solving.~~

**Animation design through Flash and Photoshop. Use of storyboards and skills involving interface design. Special attention to concept design and creative problem solving.**

ART 4443. Modern and Contemporary Art

~~Investigation of the visual arts and architecture from Post-impressionism to the present. Special emphasis on cultural definitions of modernity and modernism, the ideologies of the avant-garde, and the ideas and issues surrounding the production, reception, marketing, interpretation, and criticism of painting, sculpture, drawing, photography, installations, performance, video, and other mixed-media modes of presentation. International in scope.~~

**Examines art, architecture, visual and material culture from the mid-19th century to the present through the analysis of visual and theoretical texts. Explores major art critical texts that debate modernity, modernism, ideologies of the avant-garde, postmodernism, gender.**

ART 4913. Independent Study

~~Individual student scholarship with faculty guidance. Students complete 3 hours of work per week per credit hour earned. Faculty advisor and students meet 1 hour per week. May be repeated for credit.~~

**Individual student research, scholarship, and/or art production with faculty guidance. Students must complete 3 hours of work per week per credit hour earned. Faculty advisors must meet with students on average for 1 hour per week for a 3-credit independent study. Students earning a 3-credit independent study must complete an average of 9 hours of work each week for a total of 135 hours for the semester. May be repeated for credit.**

### **Deletion of Courses, effective fall 2016**

~~ART 4233. Drawing VI~~

~~ART 4433. Art in Early Modern Europe II: Art from 1750-1900~~

~~ART 4453. Art in the United States~~

~~ART 4463. African Art~~

~~ART 4733. Graphic Design VI, Portfolio Design~~

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

### **Deletion of Courses, effective fall 2016**

~~RADS 2711. Radiographic Pathology~~

~~RADS 2923. Special Problems~~

### **Changes to Undergraduate Catalog, effective fall 2016**

General Requirements for all Bachelor's Degrees

8. Complete a minimum of 42 semester hours of advanced work for the BBA, BSCJ, BSME, and BSW; 39 semester hours of advanced work for the BA, BFA, BM, and BSIS; 36 semester hours of advanced work for the BAAS, BSDH, ~~BSRS~~, BSCL; 33 semester hours of advanced work for the BS, BSAT, BSEP, ~~and~~ BSN, **BSRS, and BSRT**; and 30 semester hours of advanced work for the BSRC and RN/BSN degrees.

Jeff Killion, Chair (J. S. Bridwell Hall 201F)

Professors: Johnston, **Killion**, Vealé

Associate Professors: Comello, ~~Killion~~, Morrison, Phifer

Assistant Professors: Clark, Fisher, Miller, Onstott, Sanders, **Sedden**, Wagner, Watts, ~~Wertz~~, Wynne

Professors Emeriti: Bugg, ~~Zembrod~~

Midwestern State University offers three separate programs in the Radiologic Sciences: an entry-level Bachelor of Science in Radiologic Technology; a post-certification Bachelor of Science in Radiologic Sciences; and one of the only discipline specific Master of Science in Radiologic Sciences in the United States with majors in Radiologic Education, Radiologic Administration, and Radiologist Assistant.

Programs and Courses

Programs

Major

Radiologic Sciences, B.S.R.S.

Radiologic Technology, B.S.R.T.

Courses

Radiologic Sciences

RADS 1001 - Introduction to Radiologic Sciences

RADS 1011 - Radiologic Sciences Medical Terminology

RADS 2022 - Introduction to Professional Practice  
 RADS 2112 - Radiation Biology and Protection  
~~RADS 2711 - Radiographic Pathology~~  
~~RADS 2923 - Special Problems~~  
 RADS 3023 - Advanced Medical Imaging Science  
 RADS 3033 - Principles of Radiographic Imaging I  
 RADS 3043 - Basic Radiographic Procedures  
 RADS 3123 - Principles of Radiographic Imaging II  
 RADS 3203 - Pathophysiology  
 RADS 3213 - Advanced Clinical Practice Skill  
 RADS 3223 - Advanced Radiographic Procedures  
 RADS 3243 - Patient Care  
 RADS 3313 - Radiation Therapy  
 RADS 3413 - Cardiovascular and Interventional Procedures

6. Dr. Johnston made a motion to adopt the following undergraduate course and catalog changes in Respiratory Care. *Dr. Capps seconded; and the motion was adopted. (closed)*

### **New Course Addition, effective summer 2016**

RESP 4603. Community Health and Rehabilitation

This course focuses on determinants of health of individuals and the challenges faced by communities as they work to improve the health of their residents. The student will develop plans to maximize the use of community resources to address both acute and chronic respiratory conditions. In addition, this course will focus on the principles and practices used in pulmonary rehabilitation programs to assist our communities in disease management, patient and family education, smoking intervention techniques, and the roles of home and alternative care sites.

Lecture 3(3-0)

Course Objectives and/or Additional Information:

- Describe various methods for identifying community health needs, especially needs related to respiratory related diseases.
- Compare methods used to assess community assets needed to improve a community's related illnesses.
- Develop plans to evaluate the effectiveness of community-based interventions.
- Examine emerging issues/literature related to respiratory related problems faced by communities.
- Describe how to evaluate and select patients for pulmonary rehabilitation.
- Describe pulmonary rehabilitation program design including format and content.
- Describe outcome measures that can be used to evaluate pulmonary rehab programs.

### **Change to Undergraduate Catalog, effective summer 2016**

Addition of course to the RRT-BSRC curriculum

RRT-BSRC students may choose any combination of the following courses:

COURSE	CREDITS
Adult Critical Care	3
Neonatal & Pediatric Respiratory Care	3

Respiratory Pathophysiology	3
Data Analysis	3
Education Theory and Practice	3
Educational-Administrative Concepts	3
Advanced Practice Applications	3
Pulmonary Diagnostics	3
Research and Respiratory Care	3
Management of Health Care Services	3
Developing Leadership Capabilities	3
<b>Community Health and Rehabilitation</b>	<b>3</b>

\*Educational-Administrative Concepts and Advanced Practice Applications may be taken twice.

7. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in English, Humanities, and Philosophy. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

### **Change of Prerequisites, effective spring 2016**

Please find below proposed revisions to all courses currently listing ENGL 1123 as a prerequisite.

#### **I. No prerequisite: Most of these courses are in the LPC FCA of the Core, and according to THECB, core courses cannot have prerequisites.**

ENGL 2413	-	World Literature
ENGL 2423	-	World Literature
ENGL 2613	-	Survey of American Literature
ENGL 2623	-	Survey of American Literature
ENGL 2813	-	Survey of English Literature
ENGL 2823	-	Survey of English Literature
HUMN 2013	-	Humanities: The Ancient World
HUMN 2023	-	Humanities: Medieval Cultures
HUMN 2033	-	Humanities: Renaissance through Realism
HUMN 2043	-	Humanities: Mid-Nineteenth through Twentieth Centuries
HUMN 2053	-	Humanities
HUMN 2063	-	Humanities
HUMN 2073	-	World Film Art
PHIL 1033	-	Introduction to Philosophy
PHIL 1533	-	Critical Thinking and Reasoning Skills
PHIL 2033	-	Ethics
PHIL 2053	-	Environmental Philosophy
PHIL 2103	-	Health Care Ethics
PHIL 2133	-	Political Philosophy
PHIL 2213	-	Asian Philosophy and Religion
PHIL 2223	-	Feminist Philosophy
PHIL 2333	-	Philosophy of Religion
PHIL 2823	-	Philosophy of Sex, Love, and Friendship

## **II. Prerequisite: Communication Core complete**

- ENGL 2723 - Special Topics in Literature
- ENGL 3003 - Folklore
- ENGL 3203 - Technical Writing
- ENGL 3213 - Digital and New Media Rhetoric
- ENGL 3253 - Dramatic Literature
- ENGL 3273 - Poetry
- ENGL 3293 - Short Story
- ENGL 3303 - Tragedy
- ENGL 3313 - Comedy
- ENGL 3333 - Satire
- ENGL 3343 - The Novel
- ENGL 3523 - Special Topics in Advanced Composition
- ENGL 3713 - Special Topics in American Literature and Life
- ENGL 3723 - Special Topics in Literature
- ENGL 4203 - Writing Project Management
- ENGL 4213 - Special Topics in Professional and Technical Writing
- ENGL 4553 - Rhetorical Theory and Criticism
- HUMN 3073 - Special Topics in Humanities
- PHIL 3103 - Philosophy of Art

## **III. Prerequisite: Communication Core complete and junior standing**

- ENGL 4706 - Chaucer in London
- ENGL 4716 - Shakespeare in London

## **IV. Prerequisite: Six hours of English beyond Communication Core or consent of chair**

- ENGL 3103 - Special Topics in Creative Writing
- ENGL 3503 - Advanced Survey of Literature
- ENGL 3513 - Advanced Grammar
- ENGL 4013 - Introduction to Composition Studies
- ENGL 4513 - History of the English Language
- ENGL 4523 - Introduction to Linguistics
- ENGL 4533 - Literary Criticism
- ENGL 4543 - Special Topics in Film Narration
- ENGL 4753 - Old English Language and Literature
- ENGL 4763 - Middle English Language and Literature
- ENGL 4773 - Shakespeare
- ENGL 4783 - English Renaissance Period
- ENGL 4853 - Eighteenth Century English Literature
- ENGL 4863 - The English Romantic Period
- ENGL 4783 - The Victoria Period
- ENGL 4883 - Twentieth Century English Literature
- ENGL 4893 - The English Novel
- ENGL 4903 - Special Topics in Comparative Literature
- ENGL 4913 - Special Topics from National Literatures in Translation
- ENGL 4923 - Modern Poetry

- ENGL 4943 - Modern World Literature
- ENGL 4953 - Contemporary Literature
- HUMN 4013 - Humanities: The Ancient World
- HUMN 4023 - Humanities: Medieval Cultures
- HUMN 4033 - Humanities: Renaissance through Realism
- HUMN 4043 - Humanities: Mid-Nineteenth through Twentieth Centuries
- HUMN 4053 - Humanities: World Civilizations

**V. Prerequisite: Communication Core complete and 3 hours of prior philosophy coursework or permission of instructor**

- PHIL 3033 - Ancient Philosophy
- PHIL 3133 - Continental Philosophy
- PHIL 3233 - Early Modern Philosophy
- PHIL 3333 - Nineteenth Century Philosophy
- PHIL 3433 - Existentialism
- PHIL 3533 - Special Topics in Philosophy

**VI. Prerequisite: Communication Core complete and approval of instructor required**

- PHIL 4993 - Independent Study in Philosophy
- HUMN 3083 - Topics in World Film
- HUMN 4073 - Internship

8. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in Political Science. *Dr. Capps seconded; and the motion was adopted. (closed)*

**New Course Addition, effective fall 2016**

POLS 2503. Politics in Action

Description: POLS 2503 introduces students to political action. Students will learn how to conduct policy research and develop a policy that addresses a selected political issue. These skills will then be put into action as students' attempt to persuade their peers to adopt their policy during a political simulation. The selected political simulation will differ depending on the theme of the course. Themes will include city councils, courts, the European Union, or Model United Nations.

Lecture 3(3-0)

Course Objectives and/or Additional Information:

- Develop Critical Thinking Skills
- Develop Effective Communication Skills
- Promote Personal Responsibility
- Promote Social Responsibility

9. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes in Biology. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

**New Course Addition, effective summer I, 2016**

BIOL 4673. Desert Ecology

Prerequisites: BIOL 1144, 1544; BIOL 4684 recommended.

Description: Major deserts of the world by location, iconic flora and fauna, and biologically important geological features. Biological processes and abiotic factors affecting desert ecosystems. General patterns of biodiversity, energy flow, and biotic/abiotic relationships. Emphasis on the Chihuahuan Desert, including one week at the Dalquest Desert Research Station.

Lecture/Lab 3(2-2)

Course Objectives and/or Additional Information:

The successful student will

- Identify and describe major deserts of the world
- Understand underlying abiotic processes of deserts
- Appreciate patterns of desert diversity and energy flow
- Recognize iconic flora and fauna from major deserts
- Describe the biology of the Chihuahuan desert in detail

### **Undergraduate Catalog Change, effective summer I, 2016**

Biology

*No changes until...*

BIOL 4564 – Plant Physiology

**BIOL 4673 – Desert Ecology**

BIOL 4684 - Ecology

Addition to Course Descriptions

**BIOL 4673 – Desert Ecology**

**3(2-2)**

**Major deserts of the world by location, iconic flora and fauna, and biologically important geological features. Biological processes and abiotic factors affecting desert ecosystems. General patterns of biodiversity, energy flow, and biotic/abiotic relationships. Emphasis on the Chihuahuan Desert, including one week at the Dalquest Desert Research Station**

10. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes in Computer Science. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

### **Undergraduate Catalog Change, effective fall 2015**

In response to the new Core Curriculum and the combination of Economics and Social Sciences in to one category designated **Social and Behavioral Sciences** the Department of Computer Science has proposed the following change to the BA and BS degrees in Computer Science:

Remove the Economics requirement to allow CMPS majors to take any course in the **Social and Behavioral Sciences** Core Category.

#### **Computer Science, B.S.**

Additional Requirements

MATH 1534. Precalculus 4

MATH 1634. Calculus I 4

MATH 1734. Calculus II	4
PHYS 1624. Mechanics, Wave Motion, and Heat	4
PHYS 2644. Electricity and Magnetism and Optics	4
<del>ECON 1333. General Economics</del>	<del>3</del>
<b>OR</b>	
<del>ECON 2333. Macroeconomics Principles</del>	<del>3</del>

### **Computer Science, B.A.**

#### Additional Requirements

MATH 1233. College Algebra	3
MATH 1433. Plane Trigonometry	3
STAT 3573. Probability and Statistics	3
<del>ECON 1333. General Economics</del>	<del>3</del>
<b>OR</b>	
<del>ECON 2333. Macroeconomics Principles</del>	<del>3</del>
SCIE 2103. Understanding Science, Engineering & Technology	3

11. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes in Geosciences. *Dr. Patton seconded; and the motion was adopted. (closed)*

### **New Course Addition, effective fall 2016**

GEOS 3014. Meteorology, Climate, and Climate Change

Prerequisites: GEOS 1134 or GEOS 1234 or CHEM 1143 or CHEM 1243 or BIOL 1144; or GNSC 1104 and GNSC 1204; or the consent of the instructor.

Description: This course focuses on the essential aspects of meteorology, climate, and climate variability as evidenced in the geological record and historical record, as well as the mathematics and physics that underlie the numerical models used to forecast weather (short term) and climate (long term). Material covered includes the composition and structure of the Earth's atmosphere, weather at the local scale (temperature, wind, clouds, fronts, precipitation, and severe weather), weather forecasting, climate zones of the Earth, variation of climate as documented in the historical record as well as the geological record, climate modeling, and climate forecasting. Laboratory sessions will reinforce the lecture topics and will include descriptive, hands-on and numerical exercises.

Lecture/Lab 4(3-2)

Course Objectives and/or Additional Information:

Student will learn:

1. Difference between weather and climate
2. Composition, structure, and temperature of the Earth's atmosphere and the underlying causes of variability over short (daily), medium (seasonal), and long term
3. Cloud formation and precipitation – descriptive (local and global scale) and underlying physics.
4. Atmospheric pressure and wind – descriptive (local and global scale) and underlying physics. Also including a discussion of El Nino and El Nina (Southern Oscillation)
5. Weather patterns at local (fronts) and global scale with a focus on severe storm formation, location, frequency, and impact

6. Weather forecasting – how local and regional data and numerical models are used to develop short term (hours) and longer term (days/weeks) forecasts as well as a look at the “accuracy” of forecasts. Specific focus on severe weather forecasting.
  7. The earth’s climate system and how climate is described/classified (e.g. the Koppen system) as well as the global distribution of climate zones.
  8. Causes of climate variability over historical times (hundreds/thousands of years) – description, evidence, impact (economic, social, and political), and the chemistry/physics (including geological and biological aspects) behind causation.
  9. Climate variability over geological time (thousands/millions of years) – description, paleoclimate evidence (chemical, mineralogical, isotopic, biological), impact, and the underlying chemistry/physics (including geological and biological aspects) behind causation.
  10. How numerical climate models are used to predict future climate variation – underlying data, model physics – and the limits of climate modeling.
  11. How to critically evaluate the impact of possible climate variation over the near and medium term (decades/centuries). Possible approaches to climate change mitigation will also be evaluated.
12. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes in Mechanical Engineering. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

#### **Change of Course Prerequisite, effective fall 2016**

MENG 2104. Electric Circuits

Prerequisites: ~~co-requisite~~ PHYS 2644; MATH 1433 or MATH 1533

#### **Change of Course Title, Course Prerequisites and Course Description, effective fall 2016**

MENG 3212. ~~Introduction to Engineering Design~~ **Topics in Engineering Fundamentals**

~~Prerequisites: MENG 1202 and ENGL 3203. Co-requisite(s): MENG 2133.~~

**Prerequisites: MENG 2113, MENG 2133, MENG 2203, MENG 2213, MENG 2223, MENG 3104, MENG 3114, MENG 3123, MENG 3234, MENG 3243.**

~~Description: Introduction to the concepts of engineering design and problem solving. Course emphasizes creative and critical thinking, project planning, design functionality, design economics, ethics, technical reporting techniques, computer graphics skills, and team design project activities.~~ **Review of topics covered on the general session of the Fundamentals of Engineering exam.**

#### **Change of Course Title, effective fall 2016**

MENG 3233. Mechanisms **and Dynamics of Machines**

#### **Change of Course Description, effective fall 2016**

MENG 4134. ~~Dynamics of Machines~~ **Machine Elements Design**

~~Description: Kinematics and kinetic analysis of common machines and machine elements. Vibration isolation, balancing, critical speed, flywheel design, and dynamic measurement.~~

~~Design and computer problems. Companion lab.~~ **Load and stress analysis of mechanical elements; materials failure theories; power transmission; design of machine elements such as: shafts, permanent joints; mechanical springs; rolling contact bearings; journal bearings; gears, belts, and flywheels. Companion lab.**

13. Dr. Brown Marsden made a motion to adopt the following undergraduate course and catalog changes in Petroleum Engineering. *Dr. Johnston seconded; and the motion was adopted. (closed)*

#### **New Course Addition, effective fall 2016**

PETE 3203. Drilling Engineering

Prerequisites: PETE 2103, PETE 2213, MENG 3104

Description: Introduction to the drilling technology, drilling fluids, rheological properties, drilling hydraulics, drill bit selection, pressure loss calculations, casing design, well cementing, pore pressure and geo mechanical considerations in drilling, introduction to directional drilling and deviated wells.

Lecture 3(3-0)

Course Objectives and/or Additional Information:

Students will learn:

1. An introduction to the drilling process
2. Fundamentals of drilling
3. Drilling string and drilling rigs
4. Rotary drilling rig components
5. Drilling bits and drilling fluids
6. drilling hydraulics
7. Casing design.
8. Cementing
9. Drilling problems
10. Directional drilling
11. Well control

14. Dr. Capps made a motion to adopt the following graduate course and catalog changes in Geosciences. *Dr. Brown Marsden seconded; and the motion was adopted. (closed)*

#### **New Course Additions, effective spring 2016**

GEOS 5413. Regional Geology of North America

Prerequisites: GEOS 3434; GEOS 4534

Description: This course provides an overview of geologic/physiographic provinces of North America followed by student-led investigations where particular emphasis will be given to the paleohistory of the provinces from Precambrian through the present, and the resulting distribution of structures, landforms, stratigraphy, energy and mineral resources, and geologic hazards. The course will comprise overview lectures, readings on historic and current research; individual research into specific assigned topics; presentation of topical research, and visualizations and virtual field trips through the provinces via the National Park System.

Lecture 3(3-0)

Course Objectives and/or Additional Information

Students of Regional Geology of North America will be able to

- Recognize, describe, and analyze the geologic/physiographic provinces of North America from the perspective of their
  - Plate tectonic evolution
  - Geomorphic evolution
  - Stratigraphy
  - Geologic resources
  - Geologic hazards

15. Dr. Capps made a motion to adopt the following undergraduate course and catalog changes in Exercise Physiology. *Dr. Kitchen seconded; and the motion was adopted. (closed)*

### **Change of Course Title, effective fall 2016**

EXPH 5023. ~~Applied~~ **Advanced** Exercise Physiology and Assessment

### **New Course Additions, effective fall 2016**

EXPH 5033. Clinical Exercise Physiology; Chronic Disease and Prevention  
 Description: Presentation of scientific techniques utilized by clinical exercise physiologists to assess fitness in healthy and disease populations. This course will refine clinical competencies needed to safely administer tests to assess health related components of fitness.

Lecture 3(3-0)

Course Objectives and/or Additional Information:

Provides graduate student with information needed to accurately interpret results of various types of fitness assessments.

A major emphasis is placed on identification of normal (expected) physiological responses during exercise testing utilizing automated metabolic systems. Students are introduced to how specific abnormal physiological responses during exercise testing can be indicative of various disease conditions. This information is essential as the student begins administering various fitness assessments in clinical populations in which the risk of untoward events increases.

### **Change of Course Title, Course Prerequisite, and Course Description, effective fall 2016**

EXPH 5093. ~~Advanced~~ **Molecular and Cellular** Exercise Physiology

Prerequisite(s): ~~EXPH 5023~~.

Description: An in-depth exploration of ~~current scientific literature~~ **cellular and molecular components** specific to exercise ~~physiology and the human body~~. Topics include ~~the following: bioenergetics, musculoskeletal growth and maturation, cardiorespiratory function and dysfunction, and human performance~~ **genes and exercise phenotypes; proteins and exercise; inter- and intracellular signaling; energy turnover and substrate utilization; cellular responses to environmental stress.**

### **Change of Course Title and Description, effective fall 2016**

EXPH 6013. **Myocardial Physiology & ECG** ~~and Heart Rate~~ Analysis

Description: This class develops **content in the physiology of the myocardium** with a foundation in electrocardiography (ECG). This includes **tissue, cellular and molecular components of the heart and conditions associated with exercise and pathologies. In addition, content will include** ECG lead placement, rate and rhythm **of the heart**, ECG complexes and intervals, conduction disturbances, arrhythmias **and ECG** identification of **cardiac myopathies. myocardial infarction location, and drug effects on an ECG. In addition, heart rate analysis will include myocardial responses in healthy vs. unhealthy populations.**

### **Catalog Changes, effective fall 2016**

Exercise Physiology, M.S.E.P.

The Master of Science in Exercise Physiology prepares students for a number of careers in exercise science and related fields.

#### Mission Statement

The goal of the graduate program in Exercise Physiology is to encourage critical and reflective thinking in students and enable them to synthesize the knowledge and skills necessary to apply the principles of human movement in a variety of community, research, clinical, or athletic settings, or to pursue advanced study at the doctoral level.

#### Requirements for completion of a Master of Science in Exercise Physiology

Thesis Option - 30 semester hours

##### **EXPH Department Core (Required Courses)**

EXPH 5003 - Research and Design

EXPH 5013 - Applied Research Statistics

##### **Exercise Science Core (Required Courses)**

EXPH 6103 - Research I

EXPH 6113 - Research II

EXPH 6983 - Thesis

EXPH 6993 - Thesis

##### **Select 12 hours from the following:**

EXPH 5023 - ~~Applied~~ **Advanced** Exercise Physiology and Assessment

**EXPH 5033 - Clinical Exercise Physiology: Chronic Disease and Prevention**

EXPH 5063 - Graduate Seminar in Exercise Physiology

**EXPH 5073 - Graduate Topics in Exercise Physiology**

EXPH 5083 - The Science Behind Injury & Rehabilitation

EXPH 5093 - ~~Advanced~~ **Molecular and Cellular** Exercise Physiology

**EXPH 6003 - Grad Internship in Exer Phys**

**EXPH 6013 - Myocardial Physiology & ECG and Heart Rate Analysis**

Non-Thesis Option - 36 semester hours

##### **EXPH Department Core (Required Courses)**

EXPH 5003 - Research and Design

EXPH 5013 - Applied Research Statistics

EXPH 5023 - ~~Applied~~ **Advanced** Exercise Physiology and Assessment

**EXPH 5033 - Clinical Exercise Physiology: Chronic Disease and Prevention**

~~EXPH 5043 - Advanced Biomechanics~~

EXPH 5083 - The Science Behind Injury & Rehabilitation

EXPH 5093 - ~~Advanced~~ **Molecular and Cellular** Exercise Physiology

EXPH 6013 - **Myocardial Physiology & ECG and Heart Rate** Analysis

**EXPH Additional Requirements**

EXPH 5063 - Graduate Seminar in Exercise Physiology

EXPH 5073 - Graduate Topics in Exercise Physiology (6 hours) EXPH 6003 - Graduate Internship in Exercise Physiology

EXPH 6103 - Research I

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

**Education - Sports Administration**

**New Course Addition, effective fall 2016**

SPAD 5013. Research Methods in Sport Management

Description: An introduction to reading, evaluating, conducting, and writing research in the sport management field. A study of the basic methodological approaches to research, writing a literature review, and the basic statistical techniques common in sport management research.

On-line 3(3-0)

Course Objectives and/or Additional Information:

1. Define the three types of research designs
2. Define the steps in conducting a literature review
3. Identify potential sources for conducting a literature review
4. Describe the criteria for evaluating research articles
5. Explain how to identify and write a research problem.
6. Demonstrate a knowledge of several research methodologies
7. Explain how to choose the appropriate research method.
8. Demonstrate a knowledge of several quantitative analyses techniques.
9. Develop a quality professional writing sample

**Change of Course Prerequisite, effective fall 2016**

SPAD 5523. Event & Facilities Management

Prerequisite: remove co-requisite SPAD 5533

SPAD 5533. Focused Study: Event & Facilities Management

Prerequisite: remove co-requisite SPAD 5523

SPAD 5623. Media & Community Relations in Sport

Prerequisite: remove co-requisite SPAD 5633

SPAD 5633. Focused Study: Media & Community Relations in Sport

Prerequisite: remove co-requisite SPAD 5623

SPAD 5723. Sport Marketing & Finance

Prerequisite: remove co-requisite SPAD 5733

SPAD 5733. Focused Study: Sport Marketing & Finance

Prerequisite: remove co-requisite SPAD 5723

### Catalog Changes

Sport Administration, M.Ed.

*No changes until...*

Focused Study

6 hours selected from the following (~~concurrent enrollment required~~):

- SPAD 5533. Focused Study: Event and Facilities Management
- SPAD 5633. Focused Study: Media and Community Relations in Sport
- SPAD 5733. Focused Study: Sport Management and Finance

Research – ~~6~~ **9 hours**

- **SPAD 5013. Research Methods in Sport Management**

- EDUC 5053. Introduction to Educational Research

- EDUC 6753. Applied Research

~~Special Topics – 3 hours~~

~~SPAD 6953. Special Graduate Topics in Sport Administration~~

Practicum – 3 hours

SPAD 6053. Graduate Practicum in Sport Administration

Sport Administration

### **SPAD 5013 – Research Methods in Sport Management 3 (3-0)**

**An introduction to reading, evaluating, conducting, and writing research in the sport management field. A study of the basic methodological approaches to research, writing a literature review, and the basic statistical techniques common in sport management research.**

- SPAD 5023 - Leadership in Sport Management
- SPAD 5033 - Ethics & Legal Issues in Sport Management
- SPAD 5053 - Psychosocial Aspects of Sport
- SPAD 5063 - Sport in American Culture
- SPAD 5073 - Globalization & Sports
- SPAD 5513 - Managing Diversity in Sport Environments

SPAD 5523 - Event & Facilities Management 3 (3-0)

~~Co-requisite: SPAD 5533.~~

In-depth study of best practices associated with operations and the overall management of sport facilities and event formats.

SPAD 5533 - Focused Study: Event & Facilities Management 3 (3-0)

~~Co-requisite: SPAD 5523.~~

Designed to offer students an opportunity to develop a facilities-related special event.

SPAD 5623 - Media & Community Relations in Sport 3 (3-0)

~~Co-requisite: SPAD 5633.~~

Theoretical and practical examination of best practices and trends in media and community relations associated with the sport industry.

SPAD 5633 - Focused Study: Media & Community Relations in Sport 3 (3-0)

~~Co-requisite: SPAD 5623.~~

Designed to offer students an opportunity to research and create a sport-related media package.

SPAD 5723 - Sport Marketing & Finance 3 (3-0)

~~Co-requisite: SPAD 5733.~~

Study of applied concepts and practices in sport marketing and finance specific in the field of sport management.

SPAD 5733 - Focused Study: Sport Marketing & Finance 3 (3-0)

~~Co-requisite: SPAD 5723.~~

Designed to offer students an opportunity to research and develop a plan for marketing and financing a sport organization.

- SPAD 6023 - Graduate Project in Sport Administration
- SPAD 6053 - Graduate Practicum in Sport Administration
- SPAD 6903 - Independent Graduate Study in Sport Administration
- SPAD 6951 - Special Graduate Topics in Sport Administration
- SPAD 6953 - Special Graduate Topics in Sport Administration

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

### **Catalog Changes**

#### Admission Requirements and Procedures

~~Applicants may obtain the requisite application materials from the Psychology Department, Graduate Coordinator, or online. Required application materials include an Application for Admission to The Graduate School at Midwestern State University ([www.applytexas.org](http://www.applytexas.org)), Application for Admission to the Master of Arts in Clinical/Counseling Psychology Program, three Student Recommendation forms, and a Scholarship Application Form. These completed forms, together with transcripts of all transcripts (undergraduate and graduate) work and official Graduate Record Examination scores. **Additional application materials, such as letters of recommendation and personal statements are optional but may be submitted. All application material must be submitted to:** are to be returned to the Graduate School.~~

Graduate Coordinator Psychology Department  
 c/o The Dr. Billie Doris McAda Graduate School  
 Midwestern State University  
 3410 Taft Blvd. Wichita Falls, TX 76308  
 940-397-4920

Completed applications will be distributed by the Psychology Department Graduate Coordinator to the other members of the Psychology Graduate Admissions Committee for their consideration.

Applications for ~~Fall~~ **fall** admission will be evaluated ~~May~~ **March 1st**. Should positions remain open after **the May March 1st** evaluation, ~~a second group of applications will be evaluated July 1~~ **applications will be evaluated as received**. Applications for ~~S~~spring admission will be evaluated November 1. ~~Ordinarily, no applications will be processed unless they are complete.~~ Although applications received or completed after these deadlines will be considered, no guarantee can be made that processing will be finished in time for registration. Early applicants will receive first consideration for admission, **competitive scholarships, out-of-state tuition waivers**, as well as financial aid.

Unless special arrangements have been made with the Department Chair, no student will be allowed to enroll in any graduate psychology course unless he or she has applied for admission and has been accepted into the program. Under no circumstances may students continue in graduate psychology classes beyond the first semester of enrollment without applying to and being accepted into the program.

Admission standards are somewhat flexible, but the following guidelines are used by members of the Psychology Graduate Admissions Committee in making admission decisions:

1. Undergraduate degree from a regionally accredited college or university. This degree need not be in psychology, but non-majors can anticipate a substantial amount of leveling work.

Applicants should have completed course work in the following areas of psychology with a grade of C or better: introductory psychology, statistics, learning, research methods, and one or more courses in the clinical area of psychology (e.g., clinical, abnormal, personality).

Note: It may be possible for some of these courses to be completed as leveling work at Midwestern, and in some cases, while the student is enrolled in graduate psychology courses.

2. Graduate Record Exam: Students must submit current (within five years), official Graduate Record Exam scores. Although Graduate Record Exam scores are not the sole criterion for admission consideration, they are required.
3. ~~Letters of Recommendation: Students are required to submit three letters of recommendation. These letters will ideally be written by faculty members or others who are familiar with your academic achievements and are in a position to evaluate your academic potential. Be sure that a Recommendation Form accompanies each letter submitted.~~
4. ~~Application for Admission to the Master of Arts in Clinical/Counseling Psychology Program: The program specific application contains many elements. Of these, perhaps the most important is the personal statement~~

~~section. Although there are many formats for writing personal statements, we are primarily looking for three pieces of information: your professional goals, your background/preparation for graduate studies, and why you are interested in the MA in Clinical and Counseling Psychology at MSU.~~

3. Applicants may be admitted in two categories: ~~un~~conditional admission or **unconditional admission. Conditional admission is infrequently granted by the Psychology Graduate Admissions Committee. Students admitted conditionally are admitted to the degree program, but are provided specific academic requirements (e.g., undergraduate leveling work) that must be completed during a specified timeframe in order to continue in the degree program. Once these conditions are met, conditionally admitted students will be unconditionally admitted to the degree program.**
4. Unconditional admissions indicates that the applicant has been accepted to the degree program and will remain in the program given satisfactory performance. ~~Conditional admission are infrequently granted by the Psychology Graduate Admissions Committee. Students admitted conditionally are provided specific requirements that must be met during a specified timeframe. Once these conditions are met, conditionally admitted students will be removed from the conditional status.~~

Continued enrollment in the graduate psychology program is dependent upon continuing satisfactory performance in three areas: academic, assistantship (if applicable), and clinical (when applicable) as discussed below.

Students are expected to participate actively in classes, **attend and in** relevant extracurricular training opportunities, and to maintain a cumulative grade point average of 3.0 (B) or higher. It is further expected that students will receive no more than a single grade lower than a B.

Performance of Graduate Assistants is evaluated by the student's supervisor. Research Assistants are expected to work reliably with minimal prompting by the supervisor and to perform assigned tasks in a timely and satisfactory manner. Graduate Teaching Assistants are expected to conform to all University and program standards, policies, and procedures in the performance of their teaching duties. Clinical skills are monitored by all clinical faculty members who are in a position to do so. These evaluations include readiness for initial practicum assignment, performance within clinical practicum settings, and observations of behavior outside the practicum.

Deficiencies in any of the three evaluation areas will prompt a General Performance Appraisal of the student, at which time deficiencies will be outlined, corrective actions specified, and a timetable established for completing these corrective actions. Failure to rectify deficiencies in a timely and acceptable manner will result in dismissal from the program.

### Admission to Candidacy

Students are automatically admitted to candidacy upon successful completion of 18 hours of graduate psychology credits.

### The Final Comprehensive Examination

All students must pass a final comprehensive examination prior to receiving the graduate degree. This examination is to be taken in the semester in which the student intends to complete the requirements for the degree. If unsuccessful in the examination, the student may be re-examined only once during the same semester. If the student fails this second examination, he/she must wait to be re-examined until the semester following the initial examination, except with the permission of the Department Chair. Before the petition for reexamination is granted, evidence of additional preparation must be presented. A student who fails the exam three times will be dismissed from the program.

### The Final Oral Examination

When the thesis or applied research paper has received final approval by the Graduate Advisory Committee, the student should schedule the final oral examination. This examination must be completed at least two weeks before the end of the semester. The chairperson of the Graduate Advisory Committee will file in the Office of the Registrar a report on the examination, signed by the members of the Graduate Advisory Committee. This report will also contain a recommendation for or against approval of the candidate for graduation. If unsuccessful in the examination, the student may not be re-examined until the semester following the initial examination, except with the permission of the Department Chair. Before the petition is granted, evidence of additional preparation must be presented.

### Thesis Requirements

The thesis is to be completed in a style consistent with the most current *Publication Manual of the American Psychological Association*. The thesis should be submitted to the student's Graduate Committee at least six weeks prior to the end of the semester (defined as the last day of finals). The final version of the thesis must be approved by the Graduate Committee at the oral examination at least four weeks before the end of the semester. The thesis is submitted at this time to the Dean of the **Prothro-Yeager College of Humanities and Social Sciences** and to the Dean of the Graduate School. **All submitted copies of the student's thesis must comply with publication and signature requirements as established by the Graduate School.**

~~An electronic copy of the thesis must be submitted to the Graduate School no later than two weeks prior to the end of the semester or summer term (last day of finals) in which all work for the degree is completed. A hard copy of the approval page, with signatures of the thesis committee members and department chair, and~~

~~the Thesis Release Form will be submitted to the Graduate School concurrently with the electronic submission.~~

~~All theses will be archived electronically in Moffett Library. Students will have the option of allowing their theses to be uploaded to a searchable database that will allow their work to be accessed worldwide. Additionally, students will provide a bound paper copy of the thesis to the department. Students will provide a paper copy of the thesis on letter quality 20 pound, 25% rag content bond paper. The paper copy of the thesis will be submitted to the Graduate School along with a copy of the receipt for the binding fee from the Business Office. The paper copy and receipt will be provided to the Graduate School by the last day of finals.~~

### **Additional Information**

- Ms. English provided a draft copy of the Academic Calendar for 2016-2017. This is an information item only and will be presented to the Board of Regents for approval at their November meeting. Ms. English will update the draft copy to include the newly approved Admissions application dates.
- Ms. Hernandez announced that Mustangs Rally is Saturday, November 7.
- Ms. English reported that Early Registration for spring 2016 begins on Wednesday, October 28.
- Dr. Latham invited everyone to attend “Movie Madness” on Tuesday, October 27, at the Moffett Library. They will be featuring the film *Young Frankenstein* at 7 p.m. Stop by and enjoy free popcorn and the movie.
- Dr. Capps reminded everyone that the Teaching Learning and Resource Center (TLRC) is hosting a presentation on Teaching ALL students on Thursday, October 22. He invited everyone to attend.
- Dr. Stewart reported that Dr. Shipley’s Presidential Inauguration will be on Friday, December 11, at 11 a.m. in the Fine Arts Theatre (11<sup>th</sup> President of MSU, 11<sup>th</sup> day of December, at 11 a.m.). Following the inauguration, holiday lunch will be provided at the CSC for faculty/staff who wish to attend. More information will be provided later by the President’s Office.

### **Adjournment**

There being no other business, the meeting was adjourned at 2:55 p.m.

Respectfully submitted.

Deb Schulte  
Assistant to the Provost