

University Curriculum Committee

September 22, 2016

The University Curriculum Committee met on Thursday, September 22 at 3:00 p.m. in the Deans' Conference Room, DBRY 200.

Members present:

Dr. Melinda Anderson	Dr. Alan Mills
Dr. Curtis Armstrong	Dr. Wendy Mullen
Dr. Julie Baker	Dr. Thomas Payne
Dr. Rita Barnes	Dr. Ted Pelton
Dr. Jeff Boles	Dr. Richard Rand
Dr. Alice Camuti	Dr. Mohan Rao
Dr. Kristine Craven	Dr. James Raymondo
Ms. Edith Duvier	Dr. Thomas Riley
Dr. Kurt Eisen	Dr. Jeff Roberts
Dr. Ahmed Elsayy	Dr. Joe Roberts
Dr. Steve Frye	Dr. Steve Robinson
Ms. Julie Galloway	Dr. Barry Stein
Dr. Gerald Gannod	Dr. Huey-Ming Tzeng
Dr. Bahman Ghorashi	Dr. Jeremy Wendt
Dr. Mark Groundland	Ms. Janet Whiteaker
Dr. Mark Harrison	Dr. Brenda Wilson
Ms. Brandi Hill	Ms. Kim Winkle
Dr. Darrell Hoy	Ms. Jerri Winningham
Dr. Sharon Huo	Mr. Jacob Dodd
Dr. Wayne Johnson	Ms. Micayla Holton
Dr. Christy Killman	Mr. Elijah Fetzer

Members absent:

Dr. Pedro Arce	Dr. Jennifer Shank
Dr. Bobby Hodum	Dr. Mark Stephens
Dr. Steve Isbell	Mr. Jacob Jurkiewicz
Dr. Hayden Mattingly	Ms. Samantha McClain
Dr. Ben Mohr	Mr. Guadalupe Mora
Dr. Joseph Rencis	Ms. Shelby Williams
Dr. Paul Semmes	

Official Representative:

Mr. Stuart Gaetjens for Dr. Bates	Mr. Ron Bordon for LTC Peterson
Dr. Chris Brown for Dr. Kissell	

Guests:

Dr. Ann Hellman	Ms. Mary McCaskey
Mr. Steven Lillard	Ms. Cari Williams
Dr. Julie Longmire	

#### SUMMARY OF PROCEEDINGS

1. Approval of agenda as revised
2. Approval of March 17, 2016 minutes
3. Approval of course and curriculum changes from the Department of Computer Science
4. Approval of Minor title and course changes from the Department of Military Science
5. Approval of course addition, deletion and changes and curriculum change from the Department of Manufacturing and Engineering Technology
6. Approval of course change from the School of Agriculture
7. Approval of course additions and curriculum changes from the Department of Physics
8. Approval of course addition and changes from the Department of History
9. Approval of curriculum changes from the Department of Communication
10. Approval of course additions from the Department of Sociology and Political Science
11. Approval of curriculum change from the School of Nursing
12. Other such matters – Dr. Huo

#### **Approval of Agenda as Revised**

Dr. Wendt requested that item #6 from the Departments of Mechanical Engineering and Electrical Computer Engineering be withdrawn.

**Motion.** Dr. Hoy moved to approve the agenda as revised. The motion was seconded by Dr. Stein and carried.

#### **Approval of March 17, 2016 Minutes**

**Motion.** Ms. Galloway moved to approve the minutes as submitted. The motion was seconded by Dr. Stein and carried.

#### **Approval of Course and Curriculum Changes from the Department of Computer Science**

In four memorandums dated April 12, 2016, approval was requested for the following:

(1) For information only to correct typo of elective from proposal presented and approved at September 22, 2016 meeting.

Changes to Data Science Concentration application electives.

From:

<sup>4</sup>Select from one of the following: CSC ~~3220~~, GEOG 4510, MET 4650, MKT 3400, and BIOL 3810.

To:

<sup>4</sup>Select from one of the following: CSC 3230, GEOG 4510, MET 4650, MKT 3400, and BIOL 3810.

(2) Changes to Data Science Concentration

From:

<sup>4</sup>Select from one of the following: CSC 3230, GEOG 4510, MET 4650, MKT 3400, and BIOL 3810.

To:

<sup>4</sup>Select from one of the following: CSC 3230, CSC 4575, GEOG 4510, MET 4650, MKT 3400, and BIOL 3810.

**Motion.** Dr. Hoy moved to approve the change effective Fall 2017. The motion was seconded by Dr. Gannod and carried.

### (3) Curriculum Change – Computer Science Minor for Computer Engineering major

From:

#### Undergraduate Degree Requirement. 9.2. Computer Science:

Students must complete fifteen (15) semester hours of CSC courses including CSC 2110, CSC 2111 and at least six (6) upper division CSC hours.

#### Using Advanced Search, “Computer Science Minor”

A computer science minor should have completed CSC 2110/CSC 2111, plus 6 hours of upper division computer science courses for a total of at least 15 hours in computer science (not to include CSC 1100 or CSC 1070).

To:

Students (except Computer Engineering majors) must complete fifteen (15) semester hours of CSC courses including CSC 2110, CSC 2111 and at least six (6) upper division CSC hours.

Computer Engineering majors may earn a Computer Science minor by completing the following courses in addition to the computer sciences coursework in the Computer Engineering major: CSC 4570 – IT Security (3 hours), CSC 4575/5575 – Information Assurance and Cryptography (3 hours).

**Motion.** Dr. Gannod moved to approve the change effective Fall 2017. The motion was seconded by Dr. Elsayy and carried.

### (4) Course Change

From:

CSC 4570. IT Security

Prerequisite: C or better in CSC 2500 and in ~~CSC 2560~~. This course covers the fundamentals of computer security needed for IT professionals. It is an overview of various technical and administrative aspects of Information Security. It introduces students to assets in typical IT infrastructure, potential threats to assets, common associated vulnerabilities, protection of assets, and response to security incidents.

To:

CSC 4570. IT Security

Prerequisite: C or better in CSC 2500, and in **either CSC 2560 or CSC 4200**. This course covers the fundamentals of computer security needed for IT professionals. It is an overview of various technical and administrative aspects of Information Security. It introduces students to assets in typical IT infrastructure, potential threats to assets, common associated vulnerabilities, protection of assets, and response to security incidents.

**Motion.** Dr. Gannod moved to approve the change effective Fall 2017. The motion was seconded by Dr. Elsayy and carried.

### **Approval of Minor and Course Title Changes from the Department of Military Science**

In a memorandum dated September 2, 2016, approval was requested for the following:

#### **Minor Title Change:**

From: Military Science

To: Leadership and Military Science

#### **Course Title Changes:**

From:

MS 3040 – Cadet Leader Course (CLC); Individual 3. Credit 3. Prerequisite: MS 3010 and MS 3020. Five weeks of training conducted at an Army Post evaluating practical application of classroom skills and developing leadership potential.

TO:

MS 3040 – **Advanced Course**; Individual 3. Credit 3. Prerequisite: MS 3010 and MS 3020. Five weeks of training conducted at an Army Post evaluating practical application of classroom skills and developing leadership potential.

FROM:

MS 2800 – Cadet Initial Entry Training (CIET); Individual 3. Credit 3. Five weeks of training during the summer conducted at an Army Post consisting of leadership, small unit tactics, weapons, drill, and a writing assignment due two weeks after five weeks of training.

TO:

MS 2800 – **Basic Course**; Individual 3. Credit 3. Five weeks of training during the summer conducted at an Army Post consisting of leadership, small unit tactics, weapons, drill, and a writing assignment due two weeks after five weeks of training.

**Motion.** Mr. Bordon, representing LTC Peterson, moved to approve the changes effective Summer 2017. The motion was seconded by Ms. Duvier and carried.

### **Approval of Course Addition, Deletion, Changes and Curriculum Change from the Department of Manufacturing and Engineering Technology**

In a memorandum dated September 4, 2016, approval was requested for the following:

#### **Course Addition:**

MET 4000 (5000) – Advanced Foundry Technology Lec.2. Lab. 2. Credit 3.

Prerequisite: MET 3000. Study of advanced foundry processes, gating system design, die/pattern design and mechanization of foundry. Students enrolled in the 5000-level course will be required to complete additional work as stated in the syllabus.

#### **Course Deletion:**

MET 3010 - Foundry Technology Lec. 3. Credit 3.

Prerequisite: MET 3000. An in-depth study of foundry operations including modern practices, equipment, and materials.

#### Course Changes:

From: MET 3200 - Applied Electricity and Electronics Lec. 2. Lab. 2. Credit 3.

Prerequisite: **PHYS 2020** and **MATH 1845**. Fundamentals of electricity and electronics, basic circuits, motors, generators and power distribution, advanced electronic circuits, semiconductors and power supplies, electronic communication, and data systems.

To: MET 3200 - Applied Electricity and Electronics Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MATH 1845** and **Co-requisite: PHYS 2020**. Fundamentals of electricity and electronics, basic circuits, motors, generators and power distribution, advanced electronic circuits, semiconductors and power supplies, electronic communication, and data systems

From: MET 3403 - Applied Machine Elements Lec. 2. Lab. 2. Credit 3.

Prerequisite: **MET 2400, MET 3301, ME 3110** or **MET 3100**. Corequisite: **ME 3110** or **MET 3100**.

Prerequisite or corequisite: **ME 3110** or **MET 3100**. Static and dynamic properties of materials. Principles of machine elements calculations, components selection, assembly, and lubrication.

To: MET 3403 - Applied Machine Elements Lec. 2. Lab. 2. Credit 3.

Prerequisite: MET 2400, MET 3301. ~~ME 3110 or MET 3100. Corequisite: ME 3110 or MET 3100.~~

~~Prerequisite or corequisite: ME 3110 or MET 3100.~~ Static and dynamic properties of materials. Principles of machine elements calculations, components selection, assembly, and lubrication.

#### Curriculum Change:

- Delete MET 3010 from the elective classes and Add MET 4000 to the elective classes

**Motion.** Dr. Elsway moved to approve the addition, deletion and changes effective Spring 2017. The motion was seconded by Dr. Jeff Roberts and carried.

#### **Approval of Course Change from the School of Agriculture**

In a memorandum dated September 12, 2016, approval was requested for the following:

#### Course Change:

From:

ANS 3010 - Animal Nutrition Fall. Lec. 2. Lab. 2. Credit 3.

Prerequisite: ANS 1200 , ANS 1210 , CHEM 1010 and CHEM 1020 . Classes of nutrients, digestibility, metabolism, nutrient requirements of livestock, and feed analysis.

To: ANS 3010 - Animal Nutrition Fall. Lec. 2. Lab. 2. Credit 3.

Prerequisite: ANS 1200 , ANS 1210 , and CHEM 1020 or 1120. Classes of nutrients, digestibility, metabolism, nutrient requirements of livestock, and feed analysis.

**Motion.** Dr. Riley moved to approve the change effective Spring 2017. The motion was seconded by Dr. Eisen and carried.

#### **Approval of Course Additions and Curriculum Changes from the Department of Physics**

In a memorandum dated August 31, 2016, approval was requested for the following:

#### Course Additions:

PHYS 4711 – Advanced Experimental Physics Lab. 4. Credit 2.

Prerequisite: Consent of instructor. The student will perform selected experiments in classical and modern physics. Emphasis will be placed on computer-based data analysis and development of appropriate oral and written presentation techniques.

PHYS 4730 – Research Planning Lab. 2. Credit 1.

Prerequisite: PHYS 4710 or 4711 (may be taken concurrently). The student will prepare and submit a detailed proposal for a research project to be done in a later semester in the course PHYS 4740 (Research). The project may be a continuation of one started in a previous research internship, in which case documentation from the mentor(s) of the internship must be provided.

PHYS 4740 – Research Lab. 4. Credit 2.

Prerequisite: PHYS 4730. The student will execute a research project, write a paper about it, and make an oral presentation. The project may be a continuation of one started in a previous research internship, in which case documentation from the mentor(s) of the internship must be provided. All mentors will be involved in determining the final grade.

#### Curriculum Changes:

In the Option I curriculum, remove PHYS 4720 as a requirement.

In the Option II curriculum, change the requirement from PHYS 4710 or PHYS 4720 to PHYS 4711.

In both the Option I and Option II curricula, add PHYS 4730 and PHYS 4740 as required courses.

In both the Option I and Option II curricula, include MSCI 1020 as an appropriate option for the First Year Connections course.

**Motion.** Dr. Robinson moved to approve the additions and changes effective Fall 2017. The motion was seconded by Dr. Mills and carried.

#### **Approval of Course Addition and Changes from the Department of History**

In two memorandums dated August 26, 2016 and September 16, 2016, approval was requested for the following:

Course Changes: (August 26 memo)

FROM:

HIST 1010 - Survey of European Civilization I

HIST 1020 - Survey of European Civilization II

HIST 1110 – World Civilizations I

HIST 1120 – World Civilizations II

TO:

HIST 2210 – Early Western Civilization

HIST 2220 – Modern Western Civilization

HIST 2310 – Early World History

HIST 2320 – Modern World History

FROM:

HIST 2010 – American History I

HIST 2010 – American History II

TO:

HIST 2010 – Early United States History

HIST 2020 – Modern United States History

**Motion.** Dr. Jeff Roberts moved to approve the changes effective Fall 2017. The motion was seconded by Dr. Eisen and carried.

Course Addition: (Sept. 16 memo)

HIST 4880/5880 History of Medicine Lec. 3, Credit 3.

Prerequisite: None

Considers the history of medicine and the medical field.

**Motion.** Dr. Jeff Roberts moved to approve the addition effective Spring 2017. The motion was seconded by Dr. Anderson and carried.

### **Approval of Curriculum Changes from the Department of Communication**

In a memorandum dated August 22, 2016, approval was requested for the following:

#### Curriculum Changes:

Changes in Communication Options Elective:

From:

Courses in Digital Electronic Multi-Media

Students take four of the following courses.

SPCH 3000 Computer-Mediated Communication Credit 3

SPCH 3120 Visual Communication Credit 3

WEBD 1500 Introduction to Web Design Credit 3

WEBD 2300 Web Site Design: Dynamic Sites Credit 3

TO:

SPCH 3000 Computer-Mediated Communication Credit 3

SPCH 3120 Visual Communication Credit 3

SPCH 4440 Semiotics Credit 3

JOUR 4853 Internship Credit 3

**Motion.** Dr. Wilson moved to approve the changes effective Spring 2017. The motion was seconded by Dr. Baker. Dr. Wilson amended the motion to move the effective date to Fall 2017. The motion was voted on and carried.

### **Approval of Course Additions from the Department of Sociology and Political Science**

In two memorandums dated September 15, 2016, approval was requested for the following:

Course Additions:

CJ/SOC 3911 Introduction to Crime Analysis Lec. 3, Credit 3

Prerequisite SOC 1010; SOC/CJ 2660. Students must be majoring in SOC, SOC/CJ, or SOC/SW. Non majors may be admitted by consent of instructor. This course provides students with instruction in the use of Microsoft Excel with applications for crime analysis.

**Motion.** Dr. Raymondo move to approve the addition effective Spring 2017. The motion was seconded by Dr. Stein and carried.

POLS 4230 Scandal and Corruption in U.S. Politics Lec. 3, Credit 3

Prerequisite: POLS 1000 or consent of instructor. This course will introduce students to the phenomenon of political corruption and its effects on American politics. Attention will be paid to contemporary scandal and historical examples, analyzing causes and consequences on both involved politicians and the American public.

**Motion.** Dr. Raymondo moved to approve the addition effective Spring 2017. The motion was seconded by Dr. Stein and carried.

**Approval of Curriculum Change from the School of Nursing**

In a memorandum dated September 15, 2016, approval was requested for the following:

Curriculum Change to NURS 4431 Healthcare of Communities – BSN program

From:

NURS 4351 Healthcare of Communities Lab. 9, Credit 3

TO:

NURS 4431 Healthcare of Communities Lab 9, Credit 3

Prerequisites: NURS 4000, NURS 4001, NURS 4100, NURS 4101 and NURS 4230. Corequisite: NURS 4430. Organization and delivery of nursing care to individuals, families, and groups in a variety of community health care settings.

**Motion.** Dr. Tzeng moved to approve the change effective Fall 2016. The motion was seconded by Dr. Stein and carried.

**Other Such Matters**

Dr. Huo reminded the department chairs of the upcoming Gateway Initiative: Teaching, Learning, and Accessibility professional development session on September 27. A share-point drive has been created and is open to all areas to see. Training can be made available to administrative staff as needed.

Dr. Huo informed the committee that TBR and THEC will be requiring all program proposal submissions be submitted using the software program called Curriculog. We will need to purchase this software with implementation possibly Fall 2017. Software training will be provided. This software will also be used for internal proposal submissions in the future.

The meeting was adjourned at 4:35.