

University Senate Curricula and Courses Committee Minutes

Meeting Subtitle: "The Lean, Mean MEM Machine"

1:00pm Monday, 26 January, 2015

Senate Conference Room

I. Opening business

- A. Meeting called to order at 1:05pm
- B. Welcome
- C. Regrets: Jaci Van Heest (sabbatical), Pamela Bedore (sabbatical), Jake Broccolo, Dean Hanink, Shallah Nunnally, Maria Ana O'Donoughue
- D. Minutes of November 19 were previously e-approved.
- E. We will next meet 23 February, possibly earlier.
- F. Chair's Announcements:
 - Carol Polifroni has asked for some time to address the Senate C&C regarding the Task Force on Civility and the suggestion that course requirements on civility be added to the curriculum. She would like to come in March.
 - E. Schultz explained that he had been remiss in failing to inform the Senate C&C of the W Quarantine measure that the GEOC passed last year in response to a request from Rob Henning. Information about this decision was not disseminated to the university at large, and this led to a misperception that a special provision had been made for certain departments. E. Schultz suggested to the Senate C&C that wider publicity of this change will be necessary, possibly in the form of an action to revise bylaws or GEOC guidelines. While the measure currently applies to 3000/4000-level W courses, it seems likely that there will be a call to apply it to 1000/2000-level courses as well.

II. Report of the Senate C&C Chair

- A. University Senate (E. Schultz) – E. Schultz described actions and reports of last Senate meeting.
- B. Senate Exec (E. Schultz) – E. Schultz will report on this meeting when he receives the minutes.
- C. GEOC (E. Schultz and K. Piantek) – The alignment project is ready to go. A committee will meet to choose the Provost's Competition winners shortly. There was discussion of what to do if W subcommittee co-chairs were not found in time for the Spring semester; two co-chairs have since been found.

D. UICC (K. Piantek) – K. Piantek reported on Study Abroad accreditations under UNIV for the Fall semester. The UICC is developing a way to review previously approved courses. There are two types: stand-alone courses, and course shells. K. Piantek and Hedley Freake met to draft a plan to present to the UICC.

E. Curriculum Advisory (“workflow”) group (M. Darre) – The committee developed the “Revision” and “Deletion” request forms. M. Oatley put it all together in one form and College of Agriculture is currently using it. One C&C member asked about reactions from CLAS; Jon Gajewsky is fully on board with the new system.

III. Other Committee Reports

A. Growth and Development Committee (D. Mercier) – No report.

B. Diversity (S. Nunnally) – No report.

C. Standing Honors Board (D. Hanink) – No report.

D. Scholastic Standards (E. Schultz) – No report.

IV. Old Business

A. The GEOC recommends addition of the following new 3000- and 4000-level course in the W competency:

1. Motion to remove from the table (M. Darre, M. Cantino) SOCI/HRTS 3837W Sociology of Global Human Rights

Note: This course was tabled pending appropriate completion of Box 39 (for “ALL General Education courses”) on the CAR form. Revisions were received.

Proposed Catalog Copy

SOCI 3837W/HRTS 3837W Sociology of Global Human Rights

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011.

Comparative approach to the study of human rights in the United States and around the world from a sociological perspective.

Discussion

- A grading scale is needed. E. Schultz will contact the proposer.

Motion to add SOCI/HRTS 3837W passed unanimously.

V. New Business

A. New 1000- and 2000-level courses:

1. Motion to add (M. Cantino, M. Darre) DRAM 1810 Exploration of Movement

Proposed Catalog Copy

DRAM 1810 Exploration of Movement

Three credits. Two 2-hour periods per week.

A study in the use of the human body as a tool for creativity, problem solving, communication, collaboration, and storytelling.

Discussion

- A grading scale is needed. E. Schultz will contact the proposer.

Motion to add DRAM 1810 passed unanimously.

B. Revised 1000- and 2000-level courses:

1. Motion to revise (K. Labadorf, M. Buck) CE 2410 Geomatics and Spatial Measurement (title and description)

Current Catalog Copy

CE 2410 Geomatics and Spatial Measurement

(271) Four credits. Three lecture periods and one 3-hour Laboratory. Recommended preparation: MATH 1060 or 1120 or 1131.

Elementary plane surveying, geospatial coordinate systems, error and accuracy analysis, introduction to geographic information systems, theory and uses of global positioning systems, introduction to photogrammetry and land-surface remote sensing in the context of civil and environmental engineering.

Revised Catalog Copy

CE 2410 Introduction to Geospatial Analysis and Measurement

(271) Four credits. Three lecture periods and one 3-hour Laboratory. Recommended preparation: MATH 1060 or 1120 or 1131.

Elementary plane surveying, geospatial coordinate systems, error and accuracy analysis, introduction to geographic information systems, theory and uses of global positioning systems, introduction to land-surface remote sensing in the context of civil and environmental engineering.

Discussion

- The syllabus is in error about pre-reqs versus recommended preparation. The proposer has been consulted.

Motion to revise CE 2410 passed unanimously.

2. Motion to revise (M. Buck, M. Darre) EKIN 1160 Courses in Lifetime Sports Program (title, description & designation)

Discussion

- There was much confusion about the description and purpose of the course. It seems like a special topics course. E. Schultz has written to proposer for clarification but has not yet received a response.

- There was discussion about the location of the service learning wording. Should it be after pre-reqs or after the description? It was determined that after the description was standard.
- Senate C&C members felt that, in general, it was not clear what the proposers were revising.

Motion to table (M. Darre, M. Buck) EKIN 1160 pending clarification of the revisions passed unanimously.

3. Motion to revise (M. Darre, S. Martinez) GEOG 4500 Introduction to Geographic Information Systems (level change)

Current Catalog Copy

GEOG 4500 Introduction to Geographic Information Systems

(246C) Four credits. One 2-hour lecture and two 2-hour laboratory periods. Prerequisite: Open to juniors or higher. Recommended preparation: GEOG 3500Q.

The study of the fundamental principles of geographic information systems (GIS). Topics include history of the field, components of a GIS, the nature and characteristics of spatial data, methods of data capture and sources of data, database models, review of typical GIS operations and applications. Laboratory exercises provide experience with common computer-based systems.

Revised Catalog Copy

GEOG 2500 Introduction to Geographic Information Systems

(246C) Formerly offered as GEOG 4500. Four credits. One 2-hour lecture and two 2-hour laboratory periods.

The study of the fundamental principles of geographic information systems (GIS). Topics include history of the field, components of a GIS, the nature and characteristics of spatial data, methods of data capture and sources of data, database models, review of typical GIS operations and applications. Laboratory exercises provide experience with common computer-based systems.

Discussion

- E. Schultz suggested more standard wording for enrollment restrictions. The proposer was ok with the change.
- There was discussion of the wording about “formerly offered as” versus “not open for credit to students...” It was determined that the “Formerly offered as” wording would be the correct way to do it. E. Schultz will consult with the college to be sure it’s ok.

Motion to revise GEOG 4500 passed unanimously.

4. Motion to revise (S. Martinez, K. Labadorf) GEOG 4510 Applications of Geographic Information Systems (level change)

Current Catalog Copy

GEOG 4510 Applications of Geographic Information Systems

(248C) Four credits. One 2-hour lecture and two 2-hour laboratory periods. Prerequisite: GEOG 4500; open to juniors or higher.

Applications of geographic information systems. Particular attention to land use planning and resource management.

Revised Catalog Copy

GEOG 2505 Applications of Geographic Information Systems

(248C) Formerly offered as GEOG 4510. Four credits. One 2-hour lecture and two 2-hour laboratory periods. Prerequisite: GEOG 2500 or GEOG 4500.

Applications of geographic information systems. Particular attention to land use planning and resource management.

Discussion

- E. Schultz contacted the proposer about a pre-req number clarification.

Motion to revise 4510 passed unanimously.

5. Motion to revise (S. Martinez, M. Buck) MCB 2225 Cell Biology Laboratory (pre-req)

Current Catalog Copy

MCB 2225 Cell Biology Laboratory

Four credits. One 1-hour lecture and two 4-hour laboratories. Prerequisite or corequisite: MCB 2210. Prerequisite: Open to honors students; open to non-honors students with instructor consent.

A laboratory experience that will prepare students for thesis research. Focus will be on experimental design, data analysis and presentation. Topics include cell culture, DNA transfection, fluorescence and time-lapse microscopy, image processing, and flow cytometry. Students will pursue independent research projects. A fee of \$75 is charged for this course.

Revised Catalog Copy

MCB 2225 Cell Biology Laboratory

Four credits. One 1-hour lecture and two 4-hour laboratories. Prerequisite: BIOL 1107 or equivalent. Open to honors students; open to non-honors students with instructor consent.

A laboratory experience that will prepare students for thesis research in the biological sciences. Focus will be on experimental design, quantitative analysis and presentation of data. Topics include cell culture, fluorescence and time-lapse microscopy, DNA transfection, image processing, and flow cytometry. Students will also pursue independent research projects. A fee of \$75 is charged for this course.

Discussion

- The committee did some rewording of a redundant pre-req.

- The committee felt that the catalog description was clunky, but decided against adjusting what had originally been approved.
- A grading scale is needed. E. Schultz will contact the proposer.
- There were questions about “or permission of instructor” language.

Motion to revise MCB 2225 passed unanimously.

6. Motion to revise (S. Martinez, K. Labadorf) MEM 1151 Introduction to the MEM Program (description and pre-reqs)

Current Catalog Copy

MEM 1151 Introduction to the Management and Engineering for Manufacturing Program (151) Three credits. Introduction to the goals of engineering and management for manufacturing enterprises. Review of the history of technological development, including its effects on new products and processes. Written and oral communication skills will be developed.

Revised Catalog Copy

MEM 1151 Introduction to the Management and Engineering for Manufacturing Program (151) Three credits. Introduction to the goals of engineering and management for manufacturing enterprises, including lean concepts in business and engineering. Review of the history of technological development, including its effects on new products and processes. Written and oral communication skills will be developed.

Discussion

- Weighting for assignments was not provided in the syllabus. The proposer was contacted with the suggestion to add this.
- The committee made some slight revisions to the catalog copy.

Motion to revise MEM 1151 passed unanimously.

7. Motion to revise (M. Darre, K. Labadorf) MEM 2211 Introduction to Manufacturing Systems (description and pre-reqs)

Current Catalog Copy

MEM 2211 Introduction to Manufacturing Systems (211) Three credits. Prerequisite: STAT 1100Q.

Overview of manufacturing operations management and the systems used in controlling manufacturing enterprises including the concepts of global competition and manufacturing as a competitive weapon.

Revised Catalog Copy

MEM 2211 Introduction to Manufacturing Systems

(211) Three credits. Prerequisite: STAT 1000Q or 1100Q or 3025Q or 3345Q or 3375Q, or CE 2210 or 2251, or MATH 3160.

Fundamental engineering aspects of manufacturing. Students become familiar with common processes in manufacturing such as cutting, casting, and bending and are introduced to advanced techniques such as additive manufacturing. Overview of manufacturing operations management, production optimization, and the systems used in controlling manufacturing enterprises including the concepts of global competition, and manufacturing as a competitive weapon.

Discussion

- The committee made some revisions to the catalog copy.

Motion to revise MEM 2211 passed unanimously.

C. The General Education Oversight Committee recommends inclusion of the following courses in Content Area 4 – Diversity and Multiculturalism, non-International:

1. Motion to add CA4 to (M. Darre, M. Buck) ARTH 3640/W Mexican & Chicano Art from Muralism to La Raza

Discussion

- The course was previously revised last semester; CA4 subcommittee approval has now caught up with it.
- P. Bedore had indicated last semester that a statement on academic integrity was needed, but this is not required.

Motion to add CA4-non to ARTH 3640/W passed unanimously.

2. Motion to add CA4 to (K. Labadorf, M. Buck) ARTH 3645/W From Revolution to Reggae: Modern & Contemporary Caribbean Art

Discussion

- No discussion.

Motion to add CA4-non to ARTH 3645/W passed unanimously.

D. The General Education Oversight Committee recommends approval of the following course for offering in the intensive session:

1. Motion to approve for intensive session (M. Darre, M. Cantino) NUSC 1167 Food, Culture and Society (CA4-INT)

Discussion

- Reported for the information of the Senate.
- No discussion.

Motion to approve intensive session offering of NUSC 1167 (CA4-INT) passed unanimously.

E. The Senate C&C Chair reported the approval of the following single-offering Special Topics course:

1. UNIV 1995 East Meets West in Southern China

Meeting adjourned at 2:16pm

Attendees: Eric Schultz (Chair), Marianne Buck, Marie Cantino, Kathy Labadorf, Samuel Martinez, Mike Darre.

Respectfully Submitted: Karen Piantek