CSM Senate Meeting

Date: Monday, May 12th, 2014
Time: 2:30pm - 4:00pm
Location: CSM Dean's Office Conference Room

Agenda:

1. Approval of the April 14, 2014 meeting minutes.
2. Announcements.
3. New business:
   3a. [Addition of EEOS 488 - Advanced Marine Geographic Information Systems]
       **Motion:** To pre-approve EEOS 488 - Advanced Marine Geographic Information Systems.
       **Rationale:** Extending geospatial courses to include marine focused course taught by a researcher at New England Aquarium. This course is the result of our affiliation with NEAq and will support advanced undergraduate and graduate programs in the environmental sciences, marine sciences, and urban planning.

3b. [Addition of EEOS 688 - Advanced Marine Geographic Information Systems]
    **Motion:** To approve EEOS 688 - Advanced Marine Geographic Information Systems.
    **Rationale:** Extending geospatial courses to include marine focused course taught by a researcher at New England Aquarium. This course is the result of our affiliation with NEAq and will support advanced undergraduate and graduate programs in the environmental sciences, marine sciences, and urban planning.

3c01. [Revision of ENGIN 202 - Statics. Change in prerequisites.]
    **Motion:** To approve change in prerequisites for ENGIN 202.
    **Rationale:** The old pre-req was "Engin students only." The new pre-req of PHYSIC 113 will allow students who are interested in Mechanical or Civil Engineering and who have not declared as Engineering major take this course.

3c02. [Revision of ENGIN 231 - Circuit Analysis I. Change in pre-requisites.]
    **Motion:** To approve change in prerequisites for ENGIN 231.
    **Rationale:** The old co-req of Engin 271 was a typo. The new pre-req or co-req of Engin 211L (Engineering Mathematics) makes sense since it was recently added to introduce or review math tools that are specifically applied to the topics presented in Engin 231 and other engineering courses. Alternatively students who co-enroll in Math 310 also have the needed math for this class.

3c03. [Revision of ENGIN 241 - Digital Systems with Lab. Change in pre-requisites.]
Motion: To approve change in prerequisites for ENGIN 241 - Digital Systems with Lab.

Rationale: The old pre-req was Engin 231. The new pre-req is Engin 231 or permission of instructor.

3c04. Revision of ENGIN 272 - Circuit Lab II. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 272 - Circuit Lab II.

Rationale: The old pre-req of Engin 232 (Circuit Analysis II) was a typo. The new co-req of Engin 232 makes sense since it the lab is to be taken at the same time with the lecture, not after.

3c05. Revision of ENGIN 280 - Ethics and Impacts of Engineering. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 280 - Ethics and Impacts of Engineering.

Rationale: The old pre-req was Engin 103 (Intro to Engineering). Since Engin 104 (Intro to ECE) was recently added, either course can serve as the pre-req for Engin 280.

3c06. Revision of ENGIN 321 - Signals and Systems. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 321 - Signals and Systems.

Rationale: The old pre-req was Engin 232 and Math 140. Upgrading the pre-reqs to Engin 232 and Math 242 for a more suitable math background coming into this class.

3c07. Revision of ENGIN 331 - Fields and Waves. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 331 - Fields and Waves.

Rationale: Old pre-reqs were Physic 114, Physic 182, Engin 232, and Math 242. We are dropping Physic 182 and Engin 232 as unnecessary but adding Math 310 to make sure students have a strong background in differential equations for this class. New pre-reqs: Physic 114 and Math 242 and Math 310.

3c08. Revision of ENGIN 365 - Electronics I with Lab. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 365 - Electronics I with Lab.

Rationale: Old pre-reqs were Physic 114, Engin 232, and Math 241 or Math 310. Math 241 was a typo, the change reflects this correction and Physic 114 and Math 310 not necessary and so are dropped. New pre-reqs: Engin 232 and Math 242.

3c09. Revision of ENGIN 491 - Senior Design Project I. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 491 - Senior Design Project I.

Rationale: Old pre-req was "none". New Pre-req is "Permission of Instructor," as student and instructor need to agree on a project and plan.

3c10. Revision of ENGIN 492 - Senior Design Project II. Change in pre-requisites.

Motion: To approve change in prerequisites for ENGIN 492 - Senior Design Project II.
Rationale: Old pre-req was "none". New Pre-req is Engin 491 Senior Design Project I.

Motion: To approve change in pre-requisites for PHYSIC 362 - Computational Science.
Rationale: Students who passed the algebra-based physics course, Physics 107, are eligible to take this class. We are removing that possibility as experience with use of calculus in physical contexts appears to be necessary for successful completion of the class. Our experience has been that students who have not seen the use of calculus in physics contexts do not succeed in this class. This is why we are restricting this class to students who have both taken calculus and calculus-based physics. The instructor retains the discretionary ability to account for exceptional cases.

3e01. Cross-listing of CRSCAD 501L - Social Vulnerability to Disaster, as UPCD 601L.
Motion: To approve Cross-listing of CRSCAD 501L - Social Vulnerability to Disaster, as UPCD 601L.
Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e02. Cross-listing of CRSCAD 502L - Climate Change, Global Food, and Water Resources, as UPCD 602L.
Motion: To approve cross-listing of CRSCAD 502L - Climate Change, Global Food, and Water Resources, as UPCD 602L.
Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e03. Cross-listing of CRSCAD 503L - Topics in Rebuilding Sustainable Communities after Disasters, as UPCD 603L.
Motion: To approve cross-listing of CRSCAD 503L - Topics in Rebuilding Sustainable Communities after Disasters, as UPCD 603L.
Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e04. Cross-listing of CRSCAD 521L - Human Dignity, Human Rights and Sustainable Post-Disaster Reconstruction, as UPCD 621L.
Motion: To approve cross-listing of CRSCAD 521L - Human Dignity, Human Rights and Sustainable Post-Disaster Reconstruction, as UPCD 621L.
Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e05. Cross-listing of CRSCAD 524L - Survival Skills for the 21st Century: Developing Personal, Organizational & Community Resilience Skills, as UPCD 624L.
Motion: To approve cross-listing of CRSCAD 524L - Survival Skills for the 21st Century: Developing Personal, Organizational & Community Resilience Skills, as UPCD 624L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e06. Cross-listing of CRSCAD 543L - The Political Economy of International Migration, as UPCD 643L.

Motion: To approve cross-listing of CRSCAD 543L - The Political Economy of International Migration, as UPCD 643L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e07. Cross-listing of MBAMGT 671L - Intro to Environmental Management, as UPCD 671L.

Motion: To approve cross-listing of MBAMGT 671L - Intro to Environmental Management, as UPCD 671L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e08. Cross-listing of MBAMAGT 684L - Social Enterprise, as UPCD 684L.

Motion: To approve cross-listing of MBAMAGT 684L - Social Enterprise, as UPCD 684L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e09. Cross-listing of MBAMGT 687L - Nonprofit Management, as UPCD 687L.

Motion: To approve cross-listing of MBAMGT 687L - Nonprofit Management, as UPCD 687L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e10. Cross-listing of ECON 610 - Political Economy, as UPCD 610L.

Motion: To approve cross-listing of ECON 610 - Political Economy, as UPCD 610L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.

3e11. Cross-listing of PPOL-G 746 - Geographic Information Systems for Public Policy, as UPCD 746L.

Motion: To approve cross-listing of PPOL-G 746 - Geographic Information Systems for Public Policy, as UPCD 746L.

Rationale: Cross-listing course to serve new MS program in Urban Planning and Community Development.
3f1. **Minor changes to course descriptions for several CHEM courses.**

**Motion:** To approve minor changes to course descriptions for several CHEM courses.

**Rationale:** The course descriptions include inaccurate information about scheduling, such as "Course offered in the fall only" or "Course offered in the spring only".

3f2. **Minor changes to course descriptions for several MATH courses.**

**Motion:** To approve minor changes to course descriptions for several MATH courses.

**Rationale:** The course descriptions include inaccurate information about scheduling, such as "This course is normally offered every third semester, in rotation with ..." For MATH 140/145, outdated references to Placement Test C are eliminated.

4. Dean's announcements

5. Other business.

6. Adjourn.