

CSE Curriculum Committee

Agenda Summary

April 22, 2014

Full agenda is on the web site: <http://www.aem.umn.edu/~shield/csecc/>

1. Approval of February 4, 2014 meeting Minutes – see web site.
2. Meeting Schedule for 2014-2015: TBD – watch web site
3. **Note from the Chair:** Please do not copy the Provost's office on emails to me about courses submitted in ECAS. They already waste enough of my time without having them involved before the courses even leave the college.
4. Items for Information only (already approved in ECAS):
 - a. See web site
5. Items for Approval without Objection (already approved in ECAS):
 - a. BMEN 5321 -- Microfluidics in Biology and Medicine, renumber from 8311, issue with prerequisites: BME n 3111, AEM 4201, ChEn 4005, ME 3331, or ME 3332; or CSE graduate student; or #. **(should be or's)**
 - b. CSCI 2033 -- Elementary Computational Linear Algebra, change prerequisites: New: [MATH 1271 or MATH 1371], [1113 or 1133 or knowledge of programming concepts]. Old: MATH 1271 or MATH 1371 or #
 - c. CSCI 3081W -- Program Design and Development, change prerequisites: New: [2021, 2041] or # Old: [1902, 2021] or #
 - d. CSCI 4011 -- Formal Languages and Automata Theory, change prerequisites: New: 2041 or # Old: [1902, 2011] or #
 - e. CSCI 4511W -- Introduction to Artificial Intelligence, change prerequisites: New: 2041 or #; cannot be taken for grad CSci cr Old: 2011 or #; cannot be taken for grad CSci cr
 - f. CSCI 5801 -- Software Engineering I, change prerequisites: New: 2041 or # Old: [1902, 2011] or #
 - g. HSCI 5611 -- Science and the Enlightenment, change title to: Enlightenment, Revolution, and the Rise of Modern Science
 - h. MATH 5485/6 -- Introduction to Numerical Methods I/II, update catalog descriptions to move material between the courses
 - i. New Course: MATH 5490 -- Topics in Applied Mathematics
 - j. New Course: MATH 5990 -- Topics in Mathematics

6. Action Items (new course syllabi are on separate handouts):
 - a. Motion by the Chair (draft)
 - i. The College of Science and Engineering (CSE) hereby reaffirms its long-standing desire to have the Chair of the CSE Curriculum Committee (CC) give approval to new courses and to changes to courses in ECAS as the Chair sees fit in order to expedite the approval and scheduling process. Any such Provisional Approvals carry the full weight and effect of the CSE CC and the CSE Faculty Assembly (FA) and they will be formally acted on at the next regularly scheduled meetings of these bodies. In addition, CSE also reaffirms its desire to have all new courses and course changes approved by the CSE CC approved in ECAS before the CSE FA acts.
 - b. Combine GEOE and CE subject courses into a new CEGE subject
 - i. Can be done by central programmatically.
 - ii. V. Provost Emily Ronnin agrees with rational for new designator of CEGE -- 2014-4-15.
 - iii. Suggested effective date of Fall 2015
 - c. New Course: AST 4031 -- Statistical Astrophysics
 - d. New Course: BMEN 4011 -- CAD/CAE of Bioelectrical Devices
 - e. New Course: BMEN 4013 -- CAD of Biomechanical/transport Devices
 - f. New Course: BMEN 4015 -- CAE of Biomechanical/transport Devices
 - g. New Course: CE 4571 -- Design for Sustainable Development
 - h. New Course: CHEM 4432W -- Foundations of Chemical Biology Laboratory
7. New Business
8. Adjourn