

COUNCIL ON EDUCATIONAL POLICY

Meeting Minutes: November 1, 2011

3:30-5:00 PM, 355 Loew Hall

Members present: Chris Neils, Chair (Bioen); Adam Bruckner (AA); Tom Furness (ISE); Brad Holt (ChemE); Brenda Larson (EE Adviser); Alex Mamishev, Vice-Chair (EE); Hal Perkins (CSE); Eve Riskin (Assoc. Dean); David Stahl (CEE); Ashley Tracey (MSE Graduate student); Mark Zachry (HCDE); Janice Henderson (Ex officio).

Members absent: Bruce Adey (ME); Christine Luscombe (MSE).

Guests: Dan Feetham (Engineering Student Academic Services); John Kramlich (ME); Margo Segimoto (ME Adviser); Scott Winter (Engineering Student Academic Services).

The October 18, 2011 minutes were approved.

CURRICULUM

Approved Course Changes

- ME 552 *Viscoelasticity and Plasticity* = Changing course title and description
- ME 530 *Radiative Heat Transfer* = Changing course title and description
- CEE 599 *Special Topics in Civil & Environmental Engineering* (permanent change) = Changing the credits
- HCDE 493 *Senior Capstone* = Changing title, pre-req., and description

Tabled Course Changes

- ME 520 *Seminar*
- CEE 599 *Special Topics in Civil & Environmental Engineering* (temporary change)

Approved New Courses

- ME 494 *Mechatronics Design Preparation*
- ME 536: *Micro and Nanoscale Fluid Transport Phenomena*
- ME 546 *Micro-scale Heat Transfer*
- HCDE 321 *Portfolio*

Tabled New Courses

- ME 410: *Nanodevice: Design and Manufacture* (ChemE should sign. Description needs to be re-written)

New Courses Approved Subject to Corrections

- ME 411/511 *Biological frameworks for engineers* (Bioen & ChemE should sign. ChemE355 has the same title)
- ME 529: *Advanced Energy Conversion Systems* (ChemE should sign. Description needs to be re-written)
- ME 539 *Renewable energy I* (ChemE and CEE should sign.)
- ME 540 *Renewable energy II* (ChemE and CEE should sign.)

Approved Admission & Program Revisions

- BS in Human Centered Design & Engineering (Corrected items have been verified.)

Tabled New Program Option & Admission Revisions

- BS in Mechanical Engineering and ME Nanoscience & Molecular Engineering Option

College's Writing Requirements

Eve Riskin has discussed this issue with the Dean. She suggested forming a subcommittee to come up with ways to resolve this problem. The subcommittee might start with two people. Mark Zachry will ask Jennifer Turns in HCDE if she is interested in serving on the subcommittee. Hal Perkins will see if someone in CSE is interested.

Brad Holt pointed out that, under ABB, the writing courses are worth about \$370,000/year for whichever college teaches them (CoE or A&S).

UW Aerospace degree program at the United Arab Emirates University

Adam Bruckner reported that there is not yet a final agreement on this project from the Abu Dhabi government side.

All of the UW, UAEU, and Mubadala approvals are done. The project might be cancelled if approval doesn't happen in about one month.

Joint Access Oversight Group's (JAOG) review of computer language flexibility for computer science & engineering

Janice DeCosmo, Associate Dean of UW Undergraduate Academic Affairs, asked for CEP's opinion about programming languages C++ and Java being sufficiently similar that they should be considered mutually equivalent. Scott Winter and Dan Feetham believe that this is not a problem for the College of Engineering; but, there was no formal approval or consensus. Janice DeCosmo was invited to send a statement to the CoE for comments.

Council Membership

Alex Mamishev was elected Vice-Chair for 2011-12. Brenda Larson, EE Adviser, was appointed to the CEP for this year.

Future Autumn 2011 Meeting Dates

Time: 3:30-5:00 pm
Room: 355 Loew Hall
Dates: November 15
December 6