

Engineering Faculty Council

Meeting Minutes

November 22, 2016

11:00 a.m.

101F Hammond Building

Present: Butler, Flaska, Giebink, Gray, Kulkarni, Palacios, Stoffels, Tan, Vallejera, Zhang

1. Approval of minutes for the meeting of October 25, 2016
Unanimously approved.

2. Dean's Report (Peter Butler)
 - Impact of volunteering retiring program (VRP) on COE.
 - College submitted a request for emergency rehiring. Requested 6 faculty lines and 2 staff lines.
 - Provost approved four faculty lines in EE, CSE, ESM and IME, and two staff lines in ME and ESM.
 - Working on another proposal for the two missing faculty lines.
 - Submitted a consolidated request to rehire all positions that were vacated in the VRP.
 - Have plans for increasing overall the amount of on-line course offering, particularly at the Master level.
 - Work load funds.
 - Requested 4.5 million dollars, relative to 4.3 million last year, got 3 million.
 - 3 million were given to departments to cover two thirds of what departments were hoping for, which will help the departments for the Fall. The other 1.5 million will be given to us.
 - Enrollment control proposal.
 - Worked on a document that surveyed the numbers of top 20 universities to see what they do.
 - The document was circulated with department heads to look at effects on career services, advising and departments.
 - Came back with a document that looked at the possibility for entrance to major after the first year.
 - Looking at what are the mechanisms that we could control numbers.
 - The document has resonated with the Provost. A meeting will be held on Jan. 17 2017 to discuss this issue.

3. Updates from Undergraduate Studies Committee (Chris Giebink).
Five changes, two new course additions.
 - Added
 - AE 405 - Geotechnical Engineering
 - CE 434 – Geotechnical Engineering design
 - Changed
 - CE 340 – Structural Analysis: Prerequisite change
 - CE 410 – Sustainable Residential Land Development: Removal of writing component.
 - NUCE 301 – Fundamentals of Reactor Physics: Prerequisite change
 - NUCE 309 – Analytical Techniques for Nuclear Concept: Prerequisite change
 - Service Enterprise Engineering Minor - Expand the minor to include Health and Human Development

Unanimously approved except AE 405, which will be sent back to Undergraduate Studies Committee.

4. Updates from Graduate Studies Committees.

- Graduate Faculty Nominations:

Category R - Approved

- Timothy Eden
- Catherine Berdanier

- Program Proposals:

Approved:

- Removal of Integrated BS-MS degree in ME

- Course Proposals:

Returned to Proposer for Changes

- ACS 525_Add – Nonlinear Acoustics
- ME 532_Change-Turbulent and Two-Phase Combustion

Approved

- ESC 545_Add - Scientific and Engineering Foundations of Additive Manufacturing
- IE 527_Add - Introduction to Additive Manufacturing
- IE 573_Add - Manufacturing with Materials

Unanimously approved.

5. Updates from Engineering Technology Committee

No items to report.

6. Updates from Faculty Senate (Chris Giebink)

- Next Senate meeting is Dec 6th
- Lion path resolution – The faculty senate will be voting on this.
- Revisions to Senate Policy 48-40 (Deferred grades) and 48-50 (No grade). The policies are being cleaned up to clarify language for grade reporting.
- There is a report from the special committee on University Governance with regards to the follow-up Report and recommendations for Improving governance and communications and furthering the academic mission at PSU. This is a follow up with regards to the status of how the Board of Trustees has implemented or not implemented the various recommendations from the faculty senate resulting from the November 2011 situation.
- Informational reports on:
 - Articulation Agree Review
 - Faculty Senate scholarships awarded to Undergraduates ~\$254K
 - Submission of Curricular Proposals. Report informs the university community of the undergraduate curricular pathway and discusses resources available and best practices to navigate through the curricula review during the current wide-spread curricular change such as:
 - Gen Ed course recertification
 - Gen Ed course submission
 - Substantial prerequisite updates in anticipation of LionPath enforcement of prerequisites
 - Implementation of the recent US/IL requirement changes
 - routine course and program reviews.
 - Millennium Scholars Program

- Third Party Administrative Services for Penn State's Medical and Prescription Drug Plan
- Report will be presented on Penn State Health and Wellness Center
- Report on Childcare at PSU. Summary of child care services availability, cost, and university contributions.
- Drug Testing Program for Penn State's Defense Related Research Units (ARL) and Electro-Optics center. I don't think this currently applies to any of the research faculty in the college of engineering, but this might be foreshadowing of what might occur in the future for all PSU faculty. The program became effective July 1, 2016 and instituted to ensure the laboratory's compliance with Federal Regulations for receiving federal funding.

7. Other Business

Update from Faculty Council

- The current P/R faculty designation negatively impacts graduate faculty in some colleges particularly Arts and Architecture, as well as Health and Human Development. This issue will be a topic at the next graduate council meeting, academic standard committee meeting as well as the course approval and joint curriculum committee meeting.
- MA/MS. In order to have all course work from MS, it was proposed to only approve those if there was a notation on the transcript that says 'thesis completed' or 'no thesis required. The council objected to a negative notation on the transcript.