

**ENGINEERING FACULTY COUNCIL**, February 9, 2021 11:00 a.m. – 11:30 p.m.

Meeting Minutes – Rob Kunz Secretary.

Zoom (all materials in Box)

1. Permission to record? – approved
2. Approval of minutes for the meeting of January 19, 2020 – no discussion, approved
3. Chair Report – Jeff Chiampi summarized the EFC reviews/discussions on replacements to PSU Box. Sharepoint, BOX, Teams and some hybrid approaches. None perfect but Teams had best mix. So far everything is mirrored in teams. Going forward all EFC documents will be in Teams. Strategic Plan discussions still being held in BOX. Box will be around until June 30. Peter Butler mentioned that documents associated with EFC subcommittees will be in the EFC Teams channel as well. Puneet is collecting nominations for Faculty Senate and Graduate Council – we need to elect a COE rep to the faculty senate – need to elect by March 1.
4. Deans Report – Peter Butler – (see Appendix) Emphasized need for good COE representation on Faculty senate – so encourages us all to find good candidates. Four key initiatives in COE Strategic Plan (see Appendix for details) - upcoming Faculty forums on each. Summarized recent hiring initiatives in Dean's office (see Appendix for details). In class instructions resumes Feb 20. Alternative grading extended through SP 21 – no changes in policy or implementation. One Penn State 2025 symposium on Feb 10. Enrollment appears robust with increases offers and accepts in most demographics; down wrt international.
5. Update from Undergraduate Studies Committee - Gary Gray -
  - CE402 – new course proposal – last EFC meeting had concerns that only CivE consults – send back for further consultation – Gary received revised with several consults. Vote – approved.
6. Update from Graduate Studies Committee – Mehdi Kiani – (see Appendix for details)
  - CSE 592 – new course proposal – good consulting. Vote – approved.
  - AERSP\_MS, MENG, PhD – program changes. Vote – approved.
  - FEM\_MENG – MEng program drop proposals due to very low enrollment. EFC approval not required.

7. Update from Engineering Technology Committee - Ram Rajagopalan
  - Proposal from the survey engineering program at Wilkes Barre and they would like to drop the PHYS113 as a pre-requisite for the course because this is no longer being offered. Vote – approved.
8. Update from the Equity and Inclusion Committee – Jeff Chiampi for Shelley Stoffels – first forum for Equity and Inclusion Committee Feb 17 at 10:30. Per Tonya Peeples an RSVP for this went out from Dean’s office.
9. Update from Faculty Senate – Alok Sinha – Nothing to add that Peter did not cover.
10. Update from Graduate Council - Bo Cheng – nothing to report.
11. Other business – none

## Appendix

Dean's report:

Four key strategic initiative areas

- **[Equity impact and excellence initiative]**

### **Equity Action Plan and Faculty Advancement**

Feb. 17, 10:30 – 11:30 a.m.

Tonya Peebles, Anthony Atchley

### **Faculty Promotion and Advancement**

April 22, 9:30 – 10:30 a.m.

Anthony Atchley

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### **Undergraduate Student Success in the First Two Years**

March 25, 9:30 – 10:30 a.m.

Peter Butler

### **Graduate Programs**

#### **Growth**

May 27, 9:30 – 10:30 a.m.

George Lesieutre

- **Administrative hiring**
  - Assistant Dean for Curricular Innovation and Program Assessment
    - We have received applications
    - Likely start date of July 1
  - Director of graduate enrollment
    - Full time job is to think about and manage graduate enrollment
  - Assistant Dean for Faculty Equity
- **University**
  - In person instruction resumes on Feb 15th (next Monday).
  - Optional Alternative grading has been extended for spring 2021
  - One Penn State 2025 symposium starts tomorrow at 8:30
  - Enrollment appears robust with increases offers and accepts in most demographics; down wrt international

Item	Type	Justification for Action	NOTES
(CSE 592) <b>Wireless and Mobile Sensing in the age of IoT</b>	Add	<p>This course introduces students to state-of-the-art research on Internet of Things (IoT), with a focus on wireless networking and mobile sensing. Powerful and popular analytical techniques from linear algebra, signal processing, and machine-learning relevant to the applications will be discussed.</p>	New Course Proposal
(AERSP_MS.MENG.PHD) Program Change	Change	<p>The Aerospace department proposes to make the following two program changes: 1. Add two credits of AERSP 590 as a requirement for their MS and MEng programs. 2. Change the core program requirements which are common to all its graduate degree programs (M.Eng, MS, &amp; Ph.D.).</p> <p>The main objective of adding the graduate seminar requirement is to lay the foundation for student's future professional careers, as both researchers and teachers. This requirement helps to ensure that our students acquire the skills needed to become successful professionals in their fields.</p>	New Program Change