

Agenda of the Faculty Senate Meeting
May 4, 2017
Albert Dorman Honors College Conference Room (211), 11:30 AM–1:30 PM

1. Convening of the Meeting – Daniel Bunker, Faculty Senate President
2. Approval of Minutes of the Faculty Senate meeting on April 20, 2017 (5 minutes)
3. Report of the Faculty Senate President (10 minutes)
 - a. Institute Faculty Meeting
 - b. Timely grade submission
 - c. New adjunct union
4. Motion on CUE restructuring – D. Bunker (10 minutes)
5. Motion from CFRR on Hiring and Promotion of University Lecturers – Ali Akansu (20 minutes)
6. Discussion regarding proposed new Faculty Handbook section on “Creation of Academic Units” – Ali Akansu (15 minutes)
7. Report from Committee on Research, Scholarship and Creative Academic Activity – Jay Meegoda (20 minutes)
8. Report on Streamlyne and research support – Atam Dhawan (20 minutes)
9. Other Business

Minutes of the Faculty Senate Meeting
May 4, 2017
Albert Dorman Honors College Conference Room (211), 11:30 AM–1:30 PM

1. Convening of the Meeting – Daniel Bunker, Faculty Senate President.

Meeting started at 11:35AM

Roll Call-

The following voting members were present: T. Arinzeh, D. Blackmore, D. Bunker, J. Fjermestad, I. Gatley, H. Grebel, Q. Jones, L. Potts, A. Klobucar, B. Khusid, E. Michalopoulou, Z. Qiu, A. Rosato, A. Schuman (sub for M. Hurtado de Mendoza), J. Meegoda (sub for A. Saadeghvaziri), Y. Shi, R. Sodhi, D. Sollohub, E. Thomas, C. Prodan (sub for G. Thomas), Y. Young.

The following non-voting members were present: S. Boodhoo (sub for J. Bechtold), A. Dhawan, J. Wolf (sub for K. Belfield), C. Fey, M. Kam, and K. Riismandel

The following guests were present: B. Baltzis, K. Franke, E. Hetherington, B. Shah (student senate rep), J. Samolewicz (Research), and A. Akansu.

2. Approval of Minutes of the Faculty Senate meeting on April 20, 2017

The minutes from the Faculty Senate meeting on April 20, 2017 were approved unanimously.

3. Report of the Faculty Senate President

- a. Institute Faculty Meeting
- b. Timely grade submission
- c. New adjunct union
- d. Applied Photonics Option of Applied Physics Master Program passed unanimously via email vote (18-0-0)
- e. GER agreement and approval by the Provost
- f. Thank you for your service!

4. Motion on CUE restructuring – D. Bunker

- a. D. Bunker motion to approve. A. Klobucar seconded. Discussion and review of Faculty Senate By-Laws section 6 (17 yes, 1 no, 2 abstentions).
- b. I. Gatley motion to remove sentence “By drawing members of the subcommittees from the CUE membership, we can facilitate information flow and continuity among the various areas of the CUE charge.” (11 yes, 2 no, 3 abstentions)
- c. T. Schuman motion to remove the word “Faculty” from the subcommittee membership definition. (16 yes, 0 no, 3 abstentions)

5. CUE Motions – E. Michalopoulou (see attached)

The updated CUE Motions listed below were approved by Faculty Senate via email.

- a. CSLA – A new BS in Forensic Science was proposed and approved.

- b. CEE – MECH 235 (Statics), addition of recitation. This additional recitation hour will be covered by TAs as a problem solving period.
- c. IS – IS 455 (Management and Business Processes) prerequisite change. The approved pre-requisite change to replace IS344 Computing Applications in Business with IS390 Requirements Analysis and Systems Design will: 1) still prepare students to do well in IS455 and 2) allow MTSM students in the MIS concentration to take the course.
- d. MTSM – A new concentration FINTECH for the BS in Business was proposed and approved (the three new required courses, FIN 310, 320, and 410 were approved).
- e. ET – The number of credits for the co-op course ECET 495 was changed from 0 to 3.
- f. CS – Sunsetting the BA in CS was approved (very few students are interested in the program).
- g. ET – Prerequisites for ET courses were updated as follows, by replacing subject matter prerequisites with the specific courses that address that subject matter:
- h. Update: MET 301. Analysis and Design of Machine Elements I
 - i. Removing existing prerequisites Elementary strength of materials, calculus (AAS level), Physics I, C++ or BASIC.
 - ii. Listing as a prerequisite the existing courses MATH 238, MET 236, MET 237, CS 106.
 - iii. This would ensure students have the foundation in Math, Mechanics, and programming to explore new topics in Machine Design.
- i. Update: MET 303. Applied Thermodynamics
 - i. Removing existing prerequisites Calculus (AAS level), C++ or BASIC, Physics II.
 - ii. Listing as a prerequisite the existing courses MATH 238 or MATH 112, PHYS 103 or PHYS 121, CS 106.
 - iii. This would ensure students have the foundation in Math, Physics, and programming to explore new topics in Thermodynamics.
- j. Update: MET 307. Plastics Technology
 - i. Removing existing prerequisites MET junior standing .
 - ii. Listing as a prerequisite the existing courses CHEM 301, ME 215, MET 237, MET 105.
 - iii. This would ensure students have the foundation in Materials & Processes, Strength of Materials, and Computer Aided Design (CAD) to explore new topics in Plastics Technology.
- k. Update: MET 314. Dynamics of Machinery
 - i. Removing existing prerequisites Dynamics or kinematics (mechanisms), calculus (AAS level), C++ or BASIC.
 - ii. Listing as a prerequisite the existing courses MET 236, MET 237, MATH 238, MET 105, CS 106.

- iii. This would ensure students have the foundation in Mechanics, Strength of Materials, Mathematics, programming, and Computer Aided Design (CAD) to explore new topics in Dynamics of Machinery.
 - I. Update: MET 395. Co-op Work Experience I
 - i. Removing existing prerequisites Completion of freshmen year.
 - ii. Listing as a prerequisite MET JUNIOR STANDING.
 - iii. This would ensure students have the foundation in MET to explore a COOP Work Experience.
 - m. Update: MET 407. Structural Design:
 - i. Removing existing prerequisites C++ or BASIC, elementary strength of materials.
 - ii. Listing as a prerequisite MET 237, CS 106, MATH 238, MET 105.
 - iii. This would ensure students have the foundation in Strength of Materials, Mathematics, programming, and Computer Aided Design (CAD) to explore new topics in Structural Design.
 - n. Update: MET 415. Automatic Control Systems:
 - i. Removing existing prerequisite MET senior standing.
 - ii. Listing as a prerequisite ECET 201, MET 302, CS 106, MET 105
 - iii. This would ensure students have the foundation in Electrical Circuits, Machine Design, Programming, and Computer Aided Design (CAD) to explore new topics in Automatic Control Systems.
- 6. Motion from CFRR on Hiring and Promotion of University Lecturers – Ali Akansu
 - a. A. Akansu motioned to approve. A. Klobucar seconded. Discussion. (19 yes, 0 no, 1 abstention)
- 7. Discussion regarding proposed new Faculty Handbook section on “Creation of Academic Units” – Ali Akansu
 - a. A. Akansu to return to discuss this topic during the first Fall ’17 FS meeting: September 14th.
- 8. Report from Committee on Research, Scholarship and Creative Academic Activity – Jay Meegoda (20 minutes)
- 9. Report on Streamlyne and research support – Atam Dhawan

Discussion. Atam’s presentation on Streamlyne is available online via the Research website for members to reference. <http://www.njit.edu/research/streamlyne/>
- 10. Meeting adjourned at 1:45PM