



SAN DIEGO STATE
UNIVERSITY
College of Engineering

EXECUTIVE COMMITTEE MEETING MINUTES

Wednesday, February 21, 2018
2:00pm-4:30pm, Dean's Conference Room

Attendees: Dean Mehrabadi, Drs. John Abraham, P. Lu, C. Mi, E. Olevsky, J. Supernak; Assistant Dean Garcia and Marcie Morihiro

Dean Mehrabadi called the meeting to order at: 2:04pm

1. Approval of 2/7/18 Executive Committee Meeting Minutes

The 2/7/18 minutes were unanimously approved with minor changes to Item# 17.

2. New ABET Criteria

The Dean opened the discussion about the substantial changes made by ABET in Criterion 3 (Student Outcomes) and Criterion 5 (Curriculum). These changes will be implemented in 2019-20. In particular, our 7 programs that are due for an accreditation review in 2021-22 will be assessed based on the new ABET Criteria. The eleven (a-k) student outcomes of Criterion 3 are now replaced by 7 outcomes. The Chairs reviewed the new outcomes and unanimously agreed to implement them, as soon as possible, for assessing their programs.

Criterion 5 (Curriculum) requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The program curriculum must provide adequate content for each area, consistent with the student outcomes and program educational objectives, to ensure that students are prepared to enter the practice of engineering. The curriculum must include: (a) A minimum of 30 units of a combination of college-level mathematics and basic sciences with experimental experience appropriate to the program, (b) A minimum of 45 units of engineering topics appropriate to the program, consisting of engineering sciences and engineering design, and utilizing modern engineering tools, (c) A broad education component that complements the technical content of the curriculum and is consistent with the program educational objectives, and (d) A culminating major engineering design experience based on the knowledge and skills acquired in earlier course work that incorporates appropriate engineering standards and multiple constraints.

The Chairs unanimously agreed to communicate these changes to their faculty in order to initiate their implementation. Dr. Ping Lu provided an AIAA hand out which provided an outline of the updated ABET requirements.

3. IS3D (Interdisciplinary Studies in 3 Disciplines)

The Dean, Theresa Garcia and Paul Justice will be meeting on Thu 2/22 to discuss the next steps.

4. Scholarships

The Dean informed the Committee that (3) representatives from the University Scholarship Office and (1) from University Relations & Development (URAD) attended the Academic Deans Council meeting to discuss the balance remaining in scholarship funds of Colleges. In order to facilitate awarding of scholarships, a member from URAD will attend the College Honors & Awards Committee meetings. Since average scholarship award is about \$1,959, the Dean has suggested combining smaller scholarship awards to provide a larger scholarship to undergraduate and graduate students, and in particular incoming students.

5. CoE College Committee Members - Terms expiring (5/2018 & 1/2019)

Department Chairs were provided with a list of the College Committee members whose terms are expiring in 5/2018 and 1/2019. Chairs are to provide the names of faculty elected by their corresponding departments to serve on College Committees to Marcie Morihiro by Monday, April 2.

6. Update on Nominee for The Montys Distinguished Alumnus
The College has nominated Alan Dulgeroff, Electrical Engineering Alumnus, for the SDSU Alumni Award of Distinction (The Montys).
7. Update on 2018-19 TT Faculty Searches – Including BIE Candidates
AE – The Dean informed the Committee members that offer has been sent to candidate and he has until 2/22 to accept.
CCEE – Dr. Janusz Supernak – CEM Chair – Candidate negotiation is going well with a BIE candidate, so another faculty position will be given for Construction Engineering; Water Resources – (6) candidates selected for Zoom interview; Transportation – Candidates being narrowed down for Zoom interview; Blue Gold – Christine Dykstra accepted the offer and will join in Fall 2018.
ECE – Dr. Chris Mi – (2) names submitted, one for Power, and one for DSP and still conducting on campus interviews for Computer Engineering position.
ME – Dr. John Abraham – Two recommendations submitted to the Dean for (2) positions and the third position recommendation will be given to the Dean by next Thursday.
8. IDP Update
Dr. Olevsky provided the following updates:
A) The combined proposal is currently undergoing the final revision and editing.
B) The next step would be to split it into 3 separate proposals for submittal to the Department, College, and University curricular committees.
9. Update on Graduate & Research Studies
Dr. Olevsky provided the following updates:
A) JDP recruitment has finished and (5) candidates were accepted and (3) forwarded to UCSD. We currently have (22) JDP students and have about (5) that will be graduating.
B) Two meetings for the Graduate Committee have been scheduled and one is in March. New members have been added to the Committee.
10. Center for Student Success in Engineering (CSSE)
Theresa Garcia gave an update on the proposal that she has submitted to Academic Affairs to improve advising and tutoring to help meet the Graduation Initiative 2025 goals for Engineering students. The proposal includes a full-time staff member to coordinate advising in the new Center for Student Success in Engineering (CSSE). There will also be a lead Faculty advisor to help with advising related to upper division courses and to facilitate other CoE advising needs. A 50% staff member for managing internships and industry will be supported by the Office of Student Affairs.
11. Data Champions Update
Theresa Garcia updated the Committee on the progress made by the CoE Data Champion team (Dr. Yusuf Ozturk, Natasha Celise, and Theresa Garcia). The team has chosen a 3-phase plan to figure out why Engineering students are taking a long time to graduate: Phase 1 will focus on the profiles of Engineering students as they enter and how they are achieving graduation; Phase 2 will study the impact criteria and the critical courses that affect students graduation time; and Phase 3 will consider student success in sequence courses. For Phase 2, Chairs are to provide Theresa Garcia with up to 2 courses in addition to those listed on the handout that are critical for graduation. The results of Phase 1 are useful for developing the criteria for Direct Entry Admission to the CoE. The team is meeting next Wednesday (2/28), and the Chairs were asked to provide their feedback prior to Wednesday's meeting.
12. Commencement
Theresa Garcia asked that faculty be encouraged to attend Commencement.
13. Explore SDSU
Theresa Garcia handed out an updated Explore schedule.
14. Senior Reception – Tentative date: Fri 5/11/18
Theresa Garcia announced that Boeing will be doing a check presentation for the Troops to Engineers Program at the Senior Reception.
15. 2017-18 CoE Important Dates to Remember:
 - **February 23, 2018 (Fri)** – 6pm-9pm – **Engineers Week Awards Banquet** – Crowne Plaza Hotel
 - **March 17, 2018 (Sat)** – 9am-2pm – **Explore SDSU**
 - **April 24, 2018 (Tue)** – 11am-12pm – **CoE Faculty Mtg** - Bioscience Center

- **May 2, 2018 (Wed)** – 8:30am-1pm - **Spring 2018 Engineering Advisory Board Meeting** – ASU Templo Mayor Conference Room (Rm. 231)
- **May 2, 2018 (Wed)** – 1:30pm-3:30pm – **Spring 2018 Design Day** – ASU Montezuma Hall
- **May 11, 2018 (Fri – TENTATIVE)** – Time TBD – **Senior Reception** – Location TBD
- **May 12, 2018 (Sat)** – 5:30pm-7:30pm – **Engineering Commencement** – Viejas Arena

16. 2/21/18 – Academic Deans Council (ADC)

The following items were discussed at the ADC:

- A) Increasing the number of scholarships awarded every year
- B) Early registration balloon is up at SDSU Bookstore
- C) ADC has to make recommendations for the next 5 year strategic plan
- D) EO 1100 - Dr. Norah Shultz has been meeting with other CSU's and there is a lot of confusion due to the EO 1100. Dr. Shultz handed out a proposal she composed for reasonable adjustments. At SDSU there are other Colleges besides Engineering that have also had GE unit requirements increased due to EO 1100.
- E) 2018/19 Budget – At the next ADC meeting in two weeks, the budget strategic priorities will be discussed. The Dean asked that the Department Chairs submit the strategic budgetary priorities for their Departments considering that base money is scarce, but there may be more one-time funds available. The budget should be sent to the Dean and Dr. Olevsky, with a 'cc' to Marcie Morihiro by end of day, Monday, March 5.
- F) Class Schedule Changes – Deans were asked by Dr. Radmila Prislin to inform Chairs of the impact of last minute changes to the class schedule. College of Engineering and College of Arts & Letters are the main culprits. Any changes after Census need to be submitted by Department Coordinators with a convincing explanation to the Dean's Office College Coordinator, Arlene Gibson, who will submit the request for review and approval to Dean Mehrabadi.

17. Roundtable

Dr. Supernak – (100) Civil Engineering students will be attending the ASCE Pacific Southwest Conference in April 2018 in Tempe, Arizona, utilizing Student Success Fee funds. The Construction Engineering students competed in the Reno Competition and finished 3rd in the Commercial Construction category.

Dr. Olevsky – (8) major equipment items need to be powered by the construction company in EIS, but the installation will go in phases and final phase will not be finished until August 15, 2018.

Dr. Abraham – The ME 241 lab in EIS Complex still does not have water on the back wall. Facilities Services is responsible for completing the work order.

Having gone through all of the items on the agenda, Dr. Supernak moved and Dr. Abraham seconded and the meeting was adjourned at 4:39pm.

Minutes submitted by Marcie Morihiro, March 2, 2018