

Colorado School of Mines
Faculty Senate Agenda
April 25, 2017 2:00-4:00 p.m.
Hill Hall 300

ATTENDEES: Paul Martin (AMS), Jürgen Brune (MN), Mark Seger (CH), Tzahi Cath (CEE), Chuck Stone (PH), Jon Leydens (LAIS), Neal Sullivan (ME), Michael Heeley (EB), Jason Ganley (CBE), Marcelo Simoes (EE), Heather Lammers (GSG)

APOLOGIES: Dinesh Mehta (President), Linda Battalora (PE), Jeff King (MME), Reed Maxwell (GE), Terri Hogue (BOT), Madison Northrup (USG)

GUESTS: Laura Medley (Registrar), Kevin Moore (CECS), Tom Boyd (AA), Kirsten Volpi (VP Finance) Gary Bowersock (Operations), Chris Cocallas (CPD), Carol Smith (Library), Lisa Nickum (Library), Dave Marr(CBE)

1. Approvals

1.1. Approval of April 11 minutes. **Motion to approve: Brune, second; Leydens. Approved. Unanimous.**

1.2. Approval of undergraduate degrees. (Medley) **Motion to approve the graduation list for undergraduates for Spring and Summer: Brune, second; Seger. Approved. Unanimous.**

1.3. Approval of graduate degrees. (Medley) **Motion to approve the graduation list for graduate students for Spring and Summer: Brune, second; Seger. Approved. Unanimous.**

2. Visitors

2.1. BSE 2.0 (Kevin Moore)

The committee prepared a response to Senate questions and it was emailed a few weeks ago. Brune asked if a degree in general engineering does not fit into

professional licensure, how does this degree prepare the student for a professional licensure? Moore said that if you sit for an FE (Fundamentals of Engineering) exam, you can sit for a PE exam in the discipline you choose. Leydens asked what value would be added to this degree in terms of professional skills (entrepreneurship, innovation, teamwork and communication). Moore said to obtain most of the professional skills, you would practice them in the real world. The communications course is an added benefit to this degree, as well as the practice and reinforcement of the professional skills. Sullivan asked what resources will be taken from other departments? Potentially two to three additional staff needed to manage approximate 200 students in this degree. There will be enrollment management and a minimum GPA to enter this new degree program. Moore said in his experience the students who graduate in these degrees are successful in the real world. EPICS has had its name changed name to Engineering Design and Society. The new BSE 2.0 degree will be in that department. The committee does have an outcomes framework for all four years, and that can be put into a syllabus format. There is also a PowerPoint which shows the technical and non-technical content of the studio classes. Mines wants to provide a broader portfolio of degrees. CU students graduating with a similar degree are finding success in the job market. The committee would like a vote at the next Senate meeting, approving the BSE degree in principle. Then a revised detailed draft will be ready at the beginning of the fall semester. The goal is to have students enter into this degree by Fall 2018.

2.2. Parking garage and The Green Center update (Kirsten Volpi, Gary Bowersock, Chris Cocallas)

Discuss concerns regarding the proposed parking garage locations. The previous Campus Master Plan was created in 2010, and it is in the process of being reshaped and updated. There is a desperate need for parking. The parking garage option at Elm and West Campus is the leading option based on the location and athletics event revenue opportunities. Mines will need multiple parking garages as the campus expands. There are currently 1123 residence hall beds on campus, that number will double over the next decade. The curve will be taken out of Elm street to increase visibility, and Elm Street will require some additional traffic calming options. The employee reserved parking will be the same tiered permit system for faculty, staff, students and the public. The goal is to have the new garage open by Fall 2018. The final decision will be made soon.

Green Center construction update: Construction of a new roof and asbestos remediation will begin as soon as the CoorsTek building is ready, planned for January 2018. The building will need be vacated from the second floors up. The construction will add new HVAC as well. Lower levels will not be updated. The basement will stay open during construction. There is a kick off meeting next week, as a lot of classrooms and people will be displaced.

3. Updates and Discussion

3.1. Teaching and Library Faculty Advancement Committee update (Smith/Battalora/Stone)

The committee has been working on the draft since winter break that was presented to the Senate in March. Smith would like a commitment from Senate to continue the discussion before the end of semester. This topic was originally brought to the Faculty Senate in 2013-2014. There are Mines employees in important leadership positions developing long term plans for the university, and they are on a year to year contract. Many neighboring institutions have gone to multi-year contracts, and Mines needs to be competitive. The Senate supports the principal ideas proposed in the draft. **Motion to approve the draft in principle to send out to the community for feedback: Heeley, second; Sullivan. Approved. Unanimous.** The draft will be emailed to all teaching and library faculty.

3.2. Teaching Evaluation Committee recommendations (David Marr)

The Committee looked at the questions developed in 2006. The committee recommended moving the teacher evaluation window up two weeks before finals to increase response rates. The students' comments are most valuable. The Committee also recommended shortening the evaluation to four questions, and adding one question that addressed rigor: "Rate the intellectual challenge of this course". Students can fill out the evaluation on their cell phones. The instructor does not need to leave the room. Giving students time to complete the evaluations during class time may result in higher response rates. The Committee made their recommendations to be implemented for the next teaching evaluation. The only recommendation implemented this year was moving the

evaluation window up by two weeks. The old questions are being used this year. The goal is to increase the number of responses, and encourage more comments.

3.3. Perception of Leadership Survey (Seger)

The survey has over 30 questions and needs to be consolidated. The evaluation of the President's leadership role was left out of the previous survey due to the transition in presidents. Seger will work with the committee over the summer to shorten, update and add the questions pertaining to the President to the survey.

Motion that the Faculty Senate present the Perception of Leadership Survey early in the Fall semester: Seger, second; Cath. Approved. Unanimous.

Meeting Adjourned at 4:00 p.m.

Next Meeting: Tuesday May 9. 2017, 2:00 pm in Hill 300