

Minutes of ME Undergraduate Student Advisory Board Meeting

April 13, 2007

Present: H.U. Akay (Chair), Brandon Harville (Co-Chair), Nick Metzger (Secretary), Courtney Wooton, Braden Duffin, Ibraheem Nezamuddin, Nathan Wagers, Scott Williams, Zachary Lightner, Bart Sudhoff

Absent: Jose Muniz, Krista Cowan, Kelly Moore, Kurush Savabi, Abdulaziz Khawaji, Brandon Baker, Sean Graft, Justin Hollman

1. Harville called the meeting to order at 12:13 pm on Friday, April 13, 2007 and introduced the members of the board:

- Harville introduced the new members.

2. Harville welcomed the board and asked the board to review the minutes from the meeting of April 13, 2007:

- Harville moved to accept the minutes, Metzger seconded the motion.
- The board voted to approve the minutes.

3. Dr. Akay gave the Chair's Report:

- Welcomed the group
- Announced the Dr. Razi Nalim has received a grant for the design of a wave rotor combustion rig.
- Announced the opening of the Richard Lugar Center for Renewable Research
- The ME Department is hiring two new faculty members
- Congratulated ME students who made IUPUI's Top 100 Outstanding Students, and encouraged the students in attendance to succeed for academically while being engaged with the community
- FE Review will continue as a service provided by the ME Department and ASME. It is important for the success of IUPUI students.
- Student Satisfaction Surveys held during the week of March 24th had highest participation yet.
- MURI will hold a workshop on April 18, 2007
- MURI proposals are due by June 1, 2007
- Honors Convocation of our school will be held on the evening of April 13th
- Systems Engineering course was offered by our department for the first time this semester. It may be also available via live video stream from Purdue University's Engineering Professional Engineering program.
- Online course evaluations are to be held from April 16th to April 30th.
- Requested that the members review the board website for past minutes and activities.

4. Brandon Harville gave the Co-Chair's Report:

- He stressed concern for the poor attendance by some board members, and moved to remove members with poor attendance from the board, Nezamuddin seconded the motion.
- The board voted to remove Kelly Moore, Sean Graft, and Justin Hollman from the board due to poor attendance.
- Harville announced that he would serve a second term as Co-Chair at the request of the board.
- Harville asked for help recruiting younger underclassmen to serve on the USAB, particularly students interested in holding an office such as Co-Chair or Secretary.
- Harville moved to terminate the office of 'Publicity Officer', Metzger seconded the motion.
- The Board voted to eliminate the position of 'Publicity Officer'

5. Wagers presented his Meet the Masters Report:

- Wagers informed that the Meet the Masters luncheon with Dr. Hsu had an excellent turnout (26 people). Dr. Siva Krishnan was suggested as a good candidate for the next MTM.

6. The Board discussed engineering organizations and societies:

- Metzger reported on ASME affairs citing office space concerns that were brought up to Dean Yurtseven. Yurtseven cited that there would be additional space available in the new student center and that criteria should be developed for office space consideration.
- Concerns were also raised about funding for Pi Tau Sigma, processes for creating engineering societies, and it was noted that 15% – 20% of all engineering students are involved with engineering organizations.
- Lightner discussed forming AIAA with the help of Dr. Krishnan.
- Sudhoff suggested impromptu design competition for organizational enrollment.
- Dr. Akay suggests inquiry into the 3rd floor and basement of the ET building as possible student organization office locations.
- Statistics passed out to the board show that ME student organizations are comprised of approximately 18.5% Sophomores, 11.8% Juniors, and 28.6% Seniors.

7. The Board discussed tutoring:

- It was noted that the free tutoring supplied by ASME and PTS members was receiving poor attendance.
- Flyers were suggested for next semester.
- It was questioned whether freshmen were being exposed to enough advertising for the tutoring sessions.

8. The Board discussed student advising and scheduling:

- It was brought to attention that ME elective times sometimes conflicted with senior courses.
- It was suggested that ME elective should overlap 300 level courses.

9. The Board discussed Student Satisfaction Surveys:

- Akay asked the Board to take Student Satisfaction Surveys
- Board members took the survey.
- Akay passed around Student Satisfaction Surveys for the board to review.

12. The floor was opened for other topics and Q&A:

- Sudhoff suggested that recitations should not be held immediately following class.
- Harville agreed and suggested that they should be held later in the afternoon.
- Metzger suggested a more hands on approach in ME 546: CAD/CAM Design
- Akay suggested that the Virtual Manufacturing Laboratory be implemented into the class framework.
- Lighter stated that design courses lack real world examples.
- Duffin agreed and stated that projects need to be more about application rather than being just an extension of the HW assignment.
- Lightner suggested that Capstone design be a year long course.
- Duffin supported the idea.
- Dr. Akay re-iterates the past success of Capstone Design.
- Duffin suggests that Systems Engineering be a required 'core' course instead of an elective, and that it should perhaps be implemented earlier in the curriculum.

13. The meeting was summarized by Harville and adjourned by Dr. Akay at 2:22 PM on April 13, 2007.

Prepared by Nick Metzger and Hasan Akay