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Minutes of a meeting among MAE faculty and student leaders (October 10, 2013).

Attendees

Purpose of the meeting is to discuss student curriculum and also come up with action items for first town hall meeting.

Issues raised by student leaders

1. Environmental Engineering program needs changes. There are duplicate classes. It will be good to pick tracks like energy resources, global scale fluids etc. in environmental engr. instead of a set curriculum for all students.
2. Aerospace has one technical elective. It will be good to have more. We need to search what other T.E.'s offered in other programs.
3. The non-engineering course requirement is not uniform among the different colleges.
4. It was also mentioned that college admission policy is not uniform.
5. It was mentioned students take multiple writing classes in every college. Engineering students should take one technical writing class across all colleges.
6. There was a discussion about which engineering related courses are not desirable. Everyone's opinion was that they do not learn much from Physics2BL.
7. Is Chemistry 7L essential for environmental engineering? Material covered there is similar to what is covered in high schools.
8. Student leaders felt strongly that there ought to be a business class for engineers. One suggestion was to replace Chemistry 7L with a Business class.
9. It was suggested that we add a lecture on market ethics in MAE171A.
10. It was suggested that it would be useful to have a freshman seminar on engineering business.
11. Role of Idea Center came under discussion. Student leaders were unaware of what services idea center provide. It was suggested that it would be good to invite faculty director and center director (of IDEA center) to one of the town hall meetings. So that they can provide information about the center.

First town hall meeting with students will be on October 17. The agenda will be focused on curriculum with 3 specific topics:

1. The number of units required by the major and by colleges
2. Courses including coverage/overlap/pre-requisites
3. Level of TA help to students