AEM Professional Advisory Board
Recommendations

April 24, 2015
Topics

• Comments and Observations
• Recommendations
• Advisory Board discussion
Comments and Observations

- Professional Advisory Board has started the fall event focused on career development and opportunity and will continue
- Acknowledged loss of Professor Balas and the impact on the department. The department came together and we observed the growth in leadership within team.
  - Leadership planning and better AEM external communications
  - Recognized that Perry has stepped up well in leading the department

- Appreciate having the CSE data on job placement performance within the college

- Board was pleased with the mature undergraduate representation (four students). They articulated their experiences very well.

- We recognize the issues with the depleted staff within the Systems department and the pending retirement of Dr. Garrard. Although they have potentially two new faculty member there is still areas that will need to be filled with Dr. Garrard’s departure.
Comments and Observations

• Students found good continuity between an accumulation of learning. They express that it is a good value for a quality education. They liked the class size that allowed a common cohort and a community of belonging.

• We understand the constraints in lab space and equipment to facilitate the extracurricular activities that the students have found so valuable to their learning experience.

• Board believes the department has made great progress in exploring the opportunities to improve Title IX performance and appreciate the work being accomplished and believe it will lead to progress moving forward.
Recommendations

• Tools and modeling experience is very important to industry, the department needs to continue to integrate more tools into the curriculum.
  – Consider these as potentially service classes within college
• Board would like to get a copy of the draft Student Advisory Board’s report prior to the meeting next year
• Promote “life Long Learning” through enhanced support the engineering extra curricular activities (CANSAT, solar car, etc.)
• Board accepts the recommendations for changes to the ABET objectives
Advisory Board Discussion

• Graduate program only for PhD research focused department
  – Questioning is this supporting the demand from industry and will this affect the program later
• Invite new industry partners to serve on the board; target Twin Cities metro companies and large aerospace firms
• 2015 Professional Advisory Board
  – Mike Konicke – Boeing Co.
  – Jeff Radke - Honeywell
  – Rollie Dohrn – Orbital ATK
  – Bill Kunik – UTAS
  – Paul Johnston – Cirrus Aircraft
  – Tom Madison – retired
  – Debra Olejniczak - Northrop Grumman Corp.