

Summary of Assessment Process for 2013–2014 Academic Year¹

Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved
SC	Difficult to assess student outcomes for EE 214 projects.	Coordinate with EE 214 instructor/TA to do this in real-time (during project presentation).	EE 214 instructor is aware of this and will coordinate assessment activity.	Data not yet available
SC	Students are not sufficiently engaged in the ABET assessment process.	Have the ABET criteria and the respective performance indicators, given to each student at the beginning of each semester. Each student must then verify their individual successful accomplishment of each listed indicator, with the date of accomplishment submitted as part of the course record.	Discuss this at the next Faculty Retreat.	Data not yet available
TPR	A few students mentioned EE 416 has soured their experiences/image with/of the EECS program.	An assessment of the EE 416 projects did not indicate any cause concern in terms of the technical abilities of the students. Monitor this in future teaching performance reviews.	Monitor this in future teaching performance reviews.	Data not yet available

¹The following abbreviations are used for data sources: AS = Alumni Survey, CC = Curriculum Committee Observation, EC = Executive Council, JWP = Junior Writing Portfolio, PSD = Professional Skills Discussions, SC = Student Coursework, SDP = Senior Design Team Posters, SES = Senior Exit Interviews/Surveys, TPR = Teaching Performance Reviews

Summary of Assessment Process for 2012–2013 AY (2013-14 updates in red)

Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved
SES	Low scores in various advising categories.	Monitor this in future surveys. Discuss the issue in an upcoming Faculty Retreat.	None yet.	Data not yet available
PSD and Faculty Retreat	A lot of time in EE 415 (first semester of two-semester senior design course) is spent on discussion of soft professional skills, leaving less time for developing designs/prototypes.	Discuss (in Curriculum committee and Faculty retreat) the possibility of introducing these skills earlier in the curriculum in particular outcome F (an understanding of professional and ethical responsibility).	CptS 402 introduces “Social, legal, ethical and professional issues that arise in the context of engineering and computing” to BSCptS students. CptE Curriculum Committee is working on a proposal to include CptS 402 in the BSCptE Curriculum. EE/CptS 302 course is being added.	Data not yet available
CC	We observed that the Curriculum Committee was doing all assessment and decision making, without input and reflection from faculty as whole	Establish annual faculty retreat for express purpose of having faculty analyze and reflect on assessment data, and provide input on continuous assessment process	Annual faculty retreat held in early May 2013. This item has been included in the BSEE assessment plan.	Preliminary feedback on retreat was overwhelmingly positive; we plan to make this an annual occurrence.
Faculty Retreat, Various Faculty members	Need to raise the standard of students certified into the BSEE program.	Set a higher GPA requirement for certification into the BSEE program.	The EECC is studying the impact of raising the certification GPA requirement. A formal recommendation will be presented to the faculty after this study.	EE set GPA requirement for certification to 2.5
Faculty Retreat	Large disparity in abilities of students who take CptS 111; students not being placed properly	Use Math 171 Placement exam to place students into CptS 111 or CptS 122	Math 171 placement test to be used for CptS 111/121 placement starting in Fall, 2013	Data not yet available.
SES	No questions on exit survey explicitly address ABET outcomes	Add Likert-style questions to survey that specifically address outcomes A – K.	Questions added to survey administered in Spring 2013.	Concern addressed. Spring 2014 survey has questions more directly address to outcomes A-K
SES	Graduates are inadequately prepared for entrepreneurship.	Have faculty mentors provide students with info on entrepreneurship training opportunities offered by the College	Faculty will be advised of entrepreneurship opportunities at fall, 2013 faculty meeting.	Data not yet available
SES, Faculty Retreat	Anecdotally, cheating is rampant in our program	Increase vigilance. Don’t allow open-book exams or electronic devices of any kind during exams/texts. Be clear about what constitutes cheating on your syllabi.	Discuss at faculty retreats and monitor situation through discussions in faculty meetings.	Data not yet available.