

2013-14 Summary Assessment Table

Year Intro'd	Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved	2013-14 FR Comments
2012-13	Alumni Survey, Senior Exit Survey	Students may need more training in applying state-of-the-art technology and tools to problem solving	<ul style="list-style-type: none"> Audit courses for such opportunities, in order to see if there are missed opportunities. Consider development of one or more applied or competition/oriented courses 	Presently under discussion by Computer Science Curriculum Committee	Data not yet available.	
2012-13	Curriculum Committee	It is onerous to collect student work samples from courses; instructors need to be prodded repeatedly, and do not always furnish the work in the required format	Develop online course management environment that instructors can use for their courses; coursework uploaded to the environment will then automatically be collected for assessment	Summer research intern funded for summer of 2013 to expand existing course management environment developed as part of CSCC chair's research (http://osble.org) for this purpose.	Assessment Committee functionality expanded during summers of 2013 and 2014; however, features not completed. OSBLE is being actively used as part of assessment process.	
2012-13	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	NEED FOLLOW-UP DATA.	
2012-13	Faculty Retreat	Students have been kicked out of the computer labs by Pullman Police late at night due to vandalism	Keep labs open, but require keycard access and encourage self-policing by students	Bob Olsen is going to look into putting keycard readers on computer lab doors.	NEED FOLLOW-UP DATA	
2012-13	Faculty Retreat	Faculty not attending student forum in fall	EECS Director should emphasize attendance	Director will e-mail faculty reminders and strongly urge faculty to attend	NEED FOLLOW-UP DATA	
2012-13	Faculty Retreat	Students are not involved in programming competitions	Create programming competition class	Under discussion by CS Curriculum Committee	No action taken (yet)	
2012-13	Faculty Retreat, Curriculum Committee	Course offerings and curriculum seem outdated	Modernize CS curriculum: <ul style="list-style-type: none"> Offer multiple "tracks" Reduce number of required courses Offer courses on new technologies 	Tracks curriculum finalized and being rolled out in 2014-15.	No plan for assessing this change in place yet.	HOW CAN WE ASSESS THE TRACKS CURRICULUM?
2012-13	Faculty Retreat, Senior Exit Survey	CptS 224 may be unnecessary; is there a better way to introduce Unix?	<ul style="list-style-type: none"> Remove GUI component from course Require only in certain "tracks" 	CptS 224 removed as requirement, except in Systems track; IS THERE ANY FOLLOW-UP DISCUSSION?	???	

Year Intro'd	Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved	2013-14 FR Comments
2012-13	Senior Exit Survey, Student Coursework, Faculty Retreat	C-level work does not appear to meet our minimum "capable" standard in ABET assessments. Students and faculty also have expressed concern that low-achieving graduates aren't adequately prepared.	<ul style="list-style-type: none"> • Raise the minimum G.P.A. for degree certification from 2.0 to 2.5 • Exclude non-CS majors from assessments 	<ul style="list-style-type: none"> • Minimum G.P.A. for degree certification raised to 2.5 	In coming years, we will monitor whether C-level work meets "capable" standard. For 2013-14 assessment cycle, the results were mixed; many C-level students did not meet this standard.	
2012-13	Senior Exit Survey, Faculty Retreat	Students would like to learn about ethics and professional issues earlier in the curriculum	<ul style="list-style-type: none"> • Change CptS 402 to CptS 302, taken sophomore year • Crosslist CptS 302 for EE and CE majors, and re-title it "Social and Professional Issues in EECS" 	<ul style="list-style-type: none"> • Change approved by CS Curriculum Committee in May, 2013; CptS 302 will begin Fall 2014. 	Outcome achieved	
2012-13	Senior Exit Survey, 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	Discuss at faculty retreats and monitor situation through discussions in faculty		
2012-13	Senior Exit Survey	Graduates are inadequately prepared for entrepreneurship.	<ul style="list-style-type: none"> • Have faculty mentors provide students with info on entrepreneurship training opportunities offered by the College • Consider adding entrepreneurship "track" to curriculum 	<ul style="list-style-type: none"> • Faculty will be advised of entrepreneurship opportunities at fall, 2013 faculty meeting • Adding "tracks" to CS program is currently under discussion by the CS Curriculum Committee 	??	
2012-13	Senior Exit Survey	Not enough elective courses are offered in the curriculum	<ul style="list-style-type: none"> • Switch to "tracks" will push for more depth in those areas • Focus on tech electives that make students more marketable. • Remove Philosophy "Symbolic Logic" requirement, thus freeing up credits for electives. 	Tracks curriculum implemented	??	
2013-14	Executive Council	Senior Design requirement may be dropped from CptS B.A. program	EC recommends that Senior Design Requirement be retained for B.A. program	??	??	
2013-14	Executive Council	Students are not receiving enough soft skills training	EC recommends that we integrate explicit training on soft skill into EE/CptS 302 course	None yet		

Year Intro'd	Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved	2013-14 FR Comments
2013-14	Senior Exit Survey	Survey results fall below our targets.	<ul style="list-style-type: none"> • Reexamine whether an 80% success rate in job-seeking and graduate school is a realistic goal. • Consider setting new targets based on graduates' GPAs or other performance indicators of their academic success. Perhaps A-level students should achieve 80% success rate? • Consider rewording survey responses to "exemplary," "capable," "needs improvement," and "unsatisfactory" to better align with our ABET rating scale. 			
2013-14	Prof. Skills Discussions	Outcomes G and H, which were on "watch" last year, remained well below the "capable" threshold.	<ul style="list-style-type: none"> • Consider adding a short unit to CptS/EE 302 in order to train students on how to analyze global impacts, identify areas of missing knowledge, and engage in self-directed research to address those areas of missing knowledge. • Consider changing the assessment of Outcomes G and H from a group activity to an individual activity in which students are prompted to write a report. • Consult with EE and CE Assessment Chairs to see if this problem is more widespread. 			

Year Intro'd	Data Source	Question/Concern	Recommendation	Action Taken	Outcome Achieved	2013-14 FR Comments
2013-14	Student Coursework	Students who passed CptS 260 and 355 with a C or better did not achieve “capable” performance with respect to outcomes A, C, and I.	<ul style="list-style-type: none"> Consider whether to require average assessment ratings to be at or above 3.0. Perhaps a threshold of 2.75 would be more reasonable, given the variability in raters and student work. Consider going back to requiring the assessment committee perform all ratings, rather than instructors, in order to achieve better uniformity in ratings. 			
2013-14	Teaching Excellence Report	Instructors who receive below-average ratings have little incentive to improve	<ul style="list-style-type: none"> Have instructors who receive below-average evaluations write a short report that describes changes they intend to make, and any improvements that resulted from the changes. Have a senior member of the department, or an instructional advisor from OATL, sit in on one of the classes of first-time instructors, in order to provide feedback on how to improve. 			