



Assessment of CptS Program 2013-14 Cycle

Breakout Session

Our Task for this Session...

- Consider
 - the findings and recommendations that came out of the 2013-14 assessment cycle
 - any unresolved recommendations from previous assessment cycles
- Provide input
- Vote on recommendations as appropriate
- Your **ACTIVE** participation is appreciated!

1. Students may need more training in applying state-of-art tech. and tools to problem solving

Year/Source 2012-13/Alumni Survey, Senior Exit Survey

- Recom-
mendation
- 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

Action
Taken None yet

Outcome None yet

2014 FR
Input <<SCRIBE: FILL IN HERE>

2. 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

Year/Source	2012-13/Curriculum Committee
Recom- mendation	Develop online course management environment that instructors can use for their courses; coursework uploaded to the environment will then automatically be collected for assessment
Action Taken	Summer research intern funded for summer of 2013 to expand OSBLE (http://osble.org) for this purpose.
Outcome	Assessment Committee functionality expanded during summers of 2013 and 2014; however, features not completed. OSBLE is being actively used as part of assessment process.
2014 FR Input	<<SCRIBE: FILL IN HERE>

3. Large disparity in abilities of students who take CptS 111; students not being placed properly

Year/Source	2012-13/ Faculty Retreat
Recommendation	Use Math 171 Placement exam to place students into CptS 111 or CptS 121
Action Taken	Math 171 placement test to be used for CptS 111/121 placement starting in Fall, 2013
Outcome	??
2014 FR Comments	<<SCRIBE: FILL IN HERE>

4. Students are not involved in programming competitions

Year/Source	2012-13/ Faculty Retreat
Recom- mendation	Create programming competition class
Action Taken	None yet Create programming competition class
Outcome	??
2014 FR Comments	<<SCRIBE: FILL IN HERE>

5. Course offerings and curriculum seem outdated

Year/Source	2012-13/ Faculty Retreat, Curriculum Committee
Recom- mendation	Moderize CS curriculum: <ul style="list-style-type: none">• Offer multiple “tracks”• Reduce number of required courses• Offer courses on new technologies
Action Taken	Tracks curriculum finalized and being rolled out in 2014-15.
Outcome	No plan for assessing this change in place yet. HOW CAN WE ASSESS TRACKS CURRICULUM?
2014 FR Comments	<<SCRIBE: FILL IN HERE>

6. CptS 224 may be unnecessary; is there a better way to introduce Unix?

Year/Source	2012-13/ Faculty Retreat, Senior Exit Surveys
Recom- mendation	<ul style="list-style-type: none">• Remove GUI component from course• Require only in certain “tracks”
Action Taken	CptS 224 removed as requirement, except in Systems track; IS THERE ANY FOLLOW-UP DISCUSSION?
Outcome	???
2014 FR Comments	<<SCRIBE: FILL IN HERE>

7. Students would like to learn about ethics and professional issues earlier in the curriculum

Year/Source	2012-13/ Faculty Retreat, Senior Exit Surveys
Recom- mendation	<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”
Action Taken	Change approved by CS Curriculum Committee in May, 2013; CptS 302 will begin Fall 2014.
Outcome	Achieved
2014 FR Comments	<<SCRIBE: FILL IN HERE>

8. Not enough elective courses are offered in the curriculum

Year/Source	2012-13/ Faculty Retreat, Senior Exit Surveys
Recom- mendation	<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.
Action Taken	Tracks curriculum implemented
Outcome	???
2014 FR Comments	<<SCRIBE: FILL IN HERE>

9. Senior Design requirement may be dropped from CptS B.A. program

Year/Source	2012-13/ Executive Council
Recom- mendation	Executive Council recommends that Senior Design Requirement be retained for B.A. program
Action Taken	None yet
Outcome	???
2014 FR Comments	<<SCRIBE: FILL IN HERE>

10. Outcomes G and H, which were on “watch” last year, remained well below the “capable” threshold.

Year/Source	2013-14/ Professional Skills Discussions
Recommendation	<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.
Action Taken	None yet
Outcome	???
2014 FR Comments	<<SCRIBE: FILL IN HERE>

11. Low-performing Students who passed CptS 260 and 355 with a B or C or better did not always achieve “capable” performance with respect to outcomes A, C, and I.

Year/Source 2013-14/ Student Coursework

Recom-
mendation

- 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.
- Rather than assessing work of students on cusp of passing course, assess work of one A-level, one B-level, one C-level, and five randomly-selected students, per assessment manual
- Require two assessment committee members plus the course instructor to perform all ratings, in order to achieve better uniformity in ratings. (This was discussed in EECS Assessment Committee meeting this week.)

Action
Taken

None yet

Outcome

???

2014 FR
Comments

<<SCRIBE: FILL IN HERE>

12. Instructors who receive below-average ratings have little incentive to improve

Year/Source	2013-14/ Teaching Excellence Report
Recommendation	<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.
Action Taken	None yet
Outcome	???
2014 FR Comments	<<SCRIBE: FILL IN HERE>

Other Concerns to Discuss?

FYI: ABET Assessment Schedule for 2014-15

- Outcomes targeted: D, E, F, G, H
- Courses targeted:
 - CptS 302 (D, E, F)
 - CptS 322 (G, H)
 - CptS 423 (D, F) – Assessment of posters only
- If you are teaching a targeted course, please talk to me today (CptS 322 instructor especially!)