Spring 2013 Faculty Feedback:

General Notes/ Highlights:

- Undergraduate Labs strengthen skills in “reverse-engineering”
- TA strengths should be better aligned with the courses they are assigned
- Undergraduate labs need to be examined in sequence
- ECE material should be left out of OPTI labs and left to ECE to support, and OPTI labs should be supporting material from OPTI 330, 340, and 370.
- Preference to engage student in cohort learning, so students begin learning from one another

Undergraduate Changes:

- 202L: Students need to learn about ZEMAX in prior coursework/ intro to this course. Labs should also be introducing students to concepts from OPTI 240 and OPTI 280.
- 202R: Material should be better aligned with OPTI 201R
- 280: new textbook for Matlab programming next year, existing text is outdated
- 330: use of more video lectures to supplement course lectures.
- 340: develop a real time “aberration demonstrator” for future classes- needs funding
- 380B: entire course needs to be revamped
- 415: New textbook for the course, rely more heavily on homework and less on the midterm exam
- 423: set up a system to connect students so they can make use of peer review and support
- 471B: will continue to incorporate a mandatory pre-lab review for increased student preparation in the lab. Will be updating a lab design for next year to incorporate newer technology.
- 485: Incorporating more team work, adding an additional lab