1) Students will work one-on-one with an instructor to determine what course topics they will complete. They will complete all activities within these topics (quizzes, labs, lectures, projects, homework, discussion sections, UC-WISE activities) and take all major exams (midterms and final). The final exam is critical as someone receiving a grade for CS47[AC] should be indistinguishable (and as equally prepared for the post-requisite courses) from an equal-grade CS61[AC] student. The outcomes for each of these courses should be identical to that of CS61[AC] for each of the topics completed by the particular student.

**Note:** CS47A and CS47C are two low-enrollment “custom” courses, in which the student works one-on-one with the instructors of CS61A and CS61C to “spackle” over the cracks in their understanding. The metaphor we use is that CS61[AC] is a river; CS47[AC] students jump in when they need to learn something, and do all course activities related to that topic. When they come upon a topic they’ve already learned, they jump out of the water until the next topic comes around. They go over all waterfalls (midterms and finals) together with their CS61[AC] counterparts. Hopefully the student has around ¾ of the course already. This is quite brief because the outcomes list should be identical to that of CS61[AC].