The mission of the Computer Science Program is to provide a quality computer science education with significant hands-on and laboratory experience that will enable our graduates to practice their profession with proficiency and integrity.
Program Goals

Graduates are expected to have

- the ability to apply the principles of analysis and design to software development
- knowledge of data structures, databases, algorithms, computer architecture, and operating systems
- the ability to develop effective software tests at the unit and system level
- knowledge about the tools and environments used for software development
- written and oral communication skills, ethics, and professionalism to function effectively on software development teams, and in society in general; and
- the ability to engage in life-long learning and recognize its importance
Program Outcomes

- Foundation
- Development
- Professionalism
- Presentation
- Growth
Assessment Tools

- Advisory Board
- Graduating Senior Exit surveys
- Alumni and Employer surveys
- Course surveys
- Course portfolio
- Internship supervisor surveys
- Placement and salary data
Surveys have 36 measurements
  ◦ No triggers on these that fell below 3.9 out of 5

Looking at placement rates
  ◦ 89% were hired in Fall 12 – Spring 13.
  ◦ Rate for F13-S14 are not completely tabulated
  ◦ CS Faculty will have to meet to address this and consult with the advisory board
“The AOC is satisfied with the Computer Science program’s efforts to assess its students and does not recommend any changes to its assessment tools.”
Progress

- New course: Computer Security
- Recommended by Advisory Board
- Modified CT/CIS emphases to have new course
- Added security outcomes for Spring, 2015
Other updates

- Business dropped CS emphasis
- CS recommends business minor with CIS emphasis, instead of double major.
- To make room for Security Course,
  - CIS: CAOS course is elective
  - CT: removed COBOL/VB alternative.