Program Level Outcome (PLO) Assessment Report Summary

Program Level Outcomes for Computer Science and Information System - Computer Science:

Upon successful completion of the Computer Science and Information Systems—Computer Science Option program, a student should be able to:

1. demonstrate strong interpersonal skills, communicate effectively with technical and non-technical colleagues, and work effectively on a team.
2. design and construct significant computer application(s) using current programming languages and operating systems.
3. describe the functions of a contemporary operating system with respect to convenience, efficiency, and the ability to evolve.
4. demonstrate the ability to evaluate algorithms, select from a range of possible options, provide justification for that selection, and implement the algorithm in programming context.

What I looked at:

In CSS 127, 84 fall semester 2013, we evaluated the SLOs regarding PLO #2

What I found:

The percentage of students who successfully satisfied the SLO rubric criteria for CSS 127, 84 were:

- Successful: 70% average success rate
- Unsuccessful: 20% average
- Incomplete/not turned in: 10%

Student needed better time management skills due to the 10 week nature of the course. Of those that were successful - 80% achieved a B or better. Design rubrics were used to assess students competencies on the final project - website for CSS 127 and a 2 -3 minute cartoon for CSS 84.

What my next steps are:

- Offering the course in the last ten weeks of the semester might better prepare students for their online learning.
- Offering the course for 12 weeks might allow students more time to complete necessary assignments for a better grade.