

# Computer Science Department's Student Outcomes Assessment Plan

The original SOA plan adopted in 1990 was portfolio-based. Collection of information for the portfolios was sporadic and assessment of the portfolios provided little useful information for program improvement. In 1997 the current SOA plan was designed and adopted. It is aimed at providing the departmental curricular review process useful information without overburdening the faculty with data collection. The remaining of this section discuss the redesigned SOA plan.

## **A. Benchmarks for Student Outcomes Assessment.**

We classify the expected outcomes and competencies into two categories: computer science content (skills and knowledge) and general skills. The general skills we deem necessary for computer science majors are related to oral-communication skills, written-communication skills, and the ability to work in teams. The specific outcomes and competencies for these general skills are:

Outcome 1. Students shall possess the capability to communicate orally and in written form according to the standards of the discipline.

Competency 1.1. Be able to make an oral presentation to a group of peers that successfully communicates about computer science or the application of computer science.

Competency 1.2. Be able to create a written document that effectively communicates about computer science or the application of computer science.

Outcome 2. Students shall possess the capability to work effectively in a team.

Competency 2.1. Be able to meet deadlines determined by the team.

Competency 2.2. Be able to make a substantial contribution to the teams effort.