



Academic Program Review: June 1, 2004–May 31, 2005

Unit: **Department of Computer Science**

Part III Academic Program Review

Instructions:

Complete this section for the Program Review Committee recommendations not achieved prior to June 2004, as reported in Table I.C of previous annual assessment reports.

Undergraduate Program: **Computer Science**

Program Review Committee Recommendations (Numbering corresponds to original numbering in PRC Report)	Responses to Recommendations (Describe changes or improvements.)
<p>2. Develop, implement and evaluate systematically an orientation program that can be used for computer science majors and minors and document how the results of the evaluations are used to improve the orientation program.</p>	<p>In order to meet the objectives of an orientation program, the computer science department implemented a core course, CSCI 1381 Foundations of Computer Science, and mandatory advisement for those students who are majoring in computer science.</p> <p>(1) One of the objectives of CSCI 1381 is to give majors or minors in computer science a broad introduction to the field of computer science, describing the areas of the fields, such as programming skills to algorithms and data structure, and theory of computation; software engineering to AI and databases; system programming to computer architecture and computer networking; etc. Also discussed are the courses that will cover each area; the prerequisites for each course, and which areas are tied to computer engineering, computer science, and computer information systems.</p> <p>(2) The Department of Computer Science conducts mandatory advisement (every semester) for students who are majoring in computer science. These students are required to schedule an appointment to meet individually with the faculty, who discuss with each individual student their degree plans, their problems, their time-frames for completing their programs, their needs, etc. Other activities include the availability of a mentoring program and a student chapter of ACM.</p> <p>Assessment: The following questions as part of the final examination in CSCI 1381. They are:</p> <ol style="list-style-type: none"> How has your view of the field of computer science changed as a result of this course? Explain.

Annual Assessment Report, Part III, June 1, 2004–May 31, 2005

Program Review Committee Recommendations (Numbering corresponds to original numbering in PRC Report)	Responses to Recommendations (Describe changes or improvements.)
	<p>2. Would you recommend this course to other students at this level? Explain.</p> <p>The responses from the students can be summarized as follows:</p> <ol style="list-style-type: none"> 1. Students indicated that they understood the field much better as a result of the course. 2. They would definitely recommend the course to other students. <p>In addition, every semester, such mandatory advisement and CSCI 1381 have been evaluated via the Senior Exit Questionnaires and Student Opinion Survey of Course/Faculty, and reviewed at the departmental Faculty Retreat each semester. Recommendations for improvement are part of the discussion during the Faculty Retreat.</p>
<p>7. Systematically document the improvements in teaching effectiveness that have resulted from the evaluations of instruction in the undergraduate program.</p>	<p>The departmental Annual Faculty Evaluation Committee (1) reviews annually the teaching effectiveness of every faculty member, and (2) summarizes their findings based on Student Opinion Survey of Course/Faculty data and faculty summary reports through the annual review process. Recommendations for improvement if needed are made for each faculty member. The department chair will meet with the faculty member if there is a required improvement.</p>

Graduate Program:

(The **graduate computer science program** did not meet the criteria in the Academic Program Review Policy for review in the first cycle.)