ACCREDITING COMPUTING PROGRAMS
GENERAL CRITERIA 2008-2009

Criteria 1

Students

Completion in a reasonable amount of time

Opportunity to interact with their instructors

Timely Advising by Qualified individuals

Students meet all program requirements

Criteria 2

Program Educational Objectives

Documented measurable educational objectives

Criteria 3

Program Outcomes

Documented measurable outcomes

a. apply knowledge of computing and mathematics in discipline
b. analyze a problem, and identify and define the computing requirements
c. design, implement and evaluate a computer-based system
d. function effectively on teams to accomplish a common goal
e. professional, ethical, legal, security and social issues of responsibilities
f. communicate effectively with a range of audiences
g. analyze the local and global impact of computing on individuals, organizations and society
h. recognize the need for and global impact of continuing professional development
i. use current techniques, skills and tools necessary for computer practice.

Criteria 4

Continuous Improvement

Documented process incorporating relevant date to assess program objectives and outcomes and evaluate the extent to which being met.

Results documented and used for continuous improvement through documented plan

Criteria 5

Curriculum

Program requirements are consistent with educational objectives and designed so program outcomes can be achieved

Combines technical and professional requirements with general education and electives to prepare students for professional career and further study in computing discipleine and for functioning in modern society

Tech and professional requirements include at least one year of up-to-date coverage of fundamental and advanced topics in the computing discipline

The program includes mathematics appropriate to the discipline beyond pre-calculus

For each course in the major required of all students, its contents, expected performance criteria, and place in the overall program of study published.

Criteria 6

Faculty

Faculty Qualifications

- Faculty is current and active in the associated computing discipline
- Each has educational backgrounds or expertise consistent with contributions to program
- Each has level of competence that normally would be obtained through graduate work in the discipline, relevant experiences or relevant scholarship
- Collectively have technical breadth and depth necessary to support program

Size and workload

- Enough Full time faculty members to provide continuity, oversight, and stability to cover curriculum reasonably and to allow an appropriate mix of teaching, professional development, scholarly activities and service for each faculty member.
- Faculty has appropriate authority for creation, delivery, evaluation and modifications of the program, and responsibility for the consistency and quality of its courses.

Criteria 7

Facilities

Library, electronic information retrieval systems, computer networks, classrooms, and offices are adequate to support the educational objectives and outcomes of the program.

Computing resources are available, accessible, systematically maintained and upgraded and otherwise adequately supported to enable students to achieve the programs outcomes.

Criteria 8

Support

Institution's support for the program and the financial resources available to the program are sufficient to attract and retain qualified faculty members, administrator the program effectively, acquire and maintain computing resources and labs.

Criteria 9

Program Criteria

Program must satisfy Program Criteria if any for specific program. If any overlap it only needs to be satisfied once.