

## Assessment Plan for Computer Science, Updated May, 2008

Please see the Accreditation Self-study, and in particular the appendicies

Learning Goals	Assessment Strategy <i>or</i> Method or Measure	Cycle or Timeframe
1. Knowledge and use of principles and paradigms of computer science	Locally developed tests by instructor for each course	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually.
2. Skill in problem statement and analysis and solution, implementation and testing	Simulations using case, laboratory projects, and locally developed tests.	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually.
3. Skill in creating and giving technical presentations	Simulations and / or performance appraisals.	Course based. (1 Practicum experience required.) Course materials collected for accreditation displays are reviewed by coordinators annually.
4. Ability to work productively on team projects	Simulations and behavioral observations.	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually.
5. Ability to adapt to various computer hardware and software platforms	Behavioral observations in the laboratory, first job placement survey, internship placement and industry feedback.	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually. Internship and industry feedback annually.
6. Ability to express ideas in reports, documentation and computer code	Performance appraisals, course grades	Course based. Course materials collected for accreditation are reviewed by coordinators annually.
7. Ability to apply a broad-based knowledge of the various areas of computer science	Simulations, locally developed tests, first job placement survey, internship placement and industry feedback.	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually. Industrial feedback to internship coordinator annually
8. Knowledge and insight to behave ethically in professional practice to support larger community.	Behavioral observations and performance appraisals.	Course based. Course materials collected for accreditation displays are reviewed by coordinators annually.