ABET

What is ABET?

- Accreditation Board for Engineering and Technology

- Accredits college and university programs, based of certain criteria (later slide).

Prior Visits and Decisions

- 2005: Accredited for 6 years.
- 2011: Accredited for 6 years.
- 2017: Coming up!
  - "Mock" visit in October 2016.
  - Final evaluation visit in Fall 2017.
- Purpose of this presentation: To acquaint the students briefly with the accreditation process (the evaluators may meet with some students during the visit).

ABET Criteria

1. Students
2. Program Education Objectives
3. Student Outcomes
4. Continuous Improvement (of #3)
5. Curriculum
6. Faculty
7. Facilities
8. Institutional Support

1. "Students" Criteria

The program should:

- Evaluate student performance.

- Monitor student progress.

- Advise students.

- Have policies for admissions and transfers.

- Ensure graduates meet the requirements.

2. "Program Education Objectives"

- Broad statements that:
  - Describe what graduates are expected to attain within a few years of graduation
- Our PEOs:
  - Establish themselves as practicing professionals or engage in advanced study.
  - Advance professionally through organized training or self-learning.

3. "Student Outcomes" Criteria

The program must enable students to attain certain "learning objectives".

See the department webpage (ABET link from CSE Program) for the set of objectives.

5. "Curriculum" Criteria

- The set of required courses must enable attainment of student outcomes

- 1.3 years of coverage of CS topics.

- 1 year of maths and science, with at least 0.5 years of maths.

Questions and More information

- Prof. Himanshu Gupta (hgupta@cs.stonybrook.edu), ABET Coordinator.

- www.abet.org

- Department webpage (link from CSE program)