Undergraduate Program Assessment

Department of Physics

Student Learning Objectives

- Newton's laws of motion, and relativity
- Principles of electricity and magnetism
- Modern physics and quantum mechanics
- Thermal and statistical physics
- Advanced laboratory, research presentations
- Computational and math techniques

Assessment tools

- Direct: student performance in 440 Intermediate Lab course (plan to develop connection to Undergraduate Curriculum Committee); success in undergraduate research; evaluation of honors thesis presentations.
- Indirect: in-house developed senior survey.

Highlighted recent activities

- The Department plans to hold a faculty meeting in Fall 2009 to discuss assessment, and develop ways to bring extant assessment data and methods forward to the departmental level.