Learning Objectives for Undergraduate Students
Department of Physics and Astronomy (May 18, 2010)

1. Ability to use mathematics to model, describe and analyze physical phenomena.
2. Ability to use the experimental method to test theoretical predictions and investigate physical phenomena.
3. Ability to communicate scientific information and ideas to both technical and general audiences.
4. Ability to apply scientific concepts and principles in new contexts.
5. Knowledge of the fundamental areas of physics: Mechanics Electricity and Magnetism Quantum Mechanics Thermal Physics.