Program Assessment Plan for Biophysics

Program Mission	The mission of the Department of Physics and Electrical Engineering is to provide comprehensive undergraduate programs in Physics, Electrical Engineering, Computer Engineering, Biophysics, Engineering Management, and Pre-engineering. The Department is committed to providing an environment in which our students attain the knowledge and skills to contribute to and thrive in their chosen profession. This environment includes a full spectrum of courses, providing a framework and foundation, research and internship opportunities to foster the application and expansion of knowledge and skills, mentoring and advising to promote personal and intellectual growth and opportunities to reach out to the local and regional community to reinforce a commitment to ethical, professional and socially conscientious practices. The Department of Physics and Electrical Engineering seeks to support the overall mission of The University of Scranton and the College of Arts and Sciences to provide a transformative educational experience for our students firmly rooted in the Jesuit intellectual tradition.
Curriculum	The curriculum provides more than one opportunity for students to meet the Program Learning Objectives
KeyCourses And Assignments	Phys 140/140L, Phys 141/141L, Phys 270/270L, EE 241/241L, ENGR 253L/ENGR 254L, PHYS 352.Physics Elective Courses

Program Learning Outcomes to be Assessed

PLO: 1).Graduates will have demonstrated a breadth and depth of understanding in physics, chemistry and biology sufficient to do

ILOs to which the PLOs map: 1,3

Year: Year 2 AY 2015-16

Is the evidence Direct or Indirect: Both direct and indirec

Where in the program does the evidence reside? Department files stored in LSC 235

What tools are necessary to collect evidence? (Rubics, Portfolio,Embedded Exam Questions etc.) No special tools required

Benchmarks: TBD

ListOfSources: Aggregate scores on embedded questions; course exit survey

Program Learning Outcomes to be Assessed

PLO: 2).Graduates will have completed at least fifteen credits of advanced course work (at the third and fourth year level) in a

ILOs to which the PLOs map: 1,3

Year: Year 1 Spring 2015

Is the evidence Direct or Indirect: direct

Where in the program does the evidence reside? Department files stored in LSC 235

What tools are necessary to collect evidence? (Rubics, Portfolio,Embedded Exam Questions etc.) No special tools required

Benchmarks: TBD

ListOfSources: review of CAPP sheets

Program Learning Outcomes to be Assessed

PLO	3).Graduates will have gained admission to graduate studies in secondary education science, biophysics or bioengineering; or	ILOs to which the PLOs map	1,3

Year: Year 3 AY 2016-17

Is the evidence Direct or Indirect: Indirect

Where in the program does the evidence reside? Department files stored in LSC 235

What tools are necessary to collect evidence? (Rubics, Portfolio,Embedded Exam Questions etc.) No special tools required

Benchmarks: TBD

ListOfSources: Senior exit survey