

PHYSICS ASSOCIATE OF SCIENCE CURRICULUM MAP 2011-2012

	Using information technology, students will be able to understand and evaluate source material and be able to communicate information in both oral and written formats	Students will work with others as part of a team to analyze and evaluate data to solve scientific problems.	Students will have a general knowledge of the basis areas of physics. A working knowledge is demonstrated by the ability to apply formal knowledge in a problem-solving environment	Students will become proficient in basic laboratory skills (experimental set-up, utilizing various timing and measurement devices, data collection and interpretation techniques and laboratory safety.) Students will have the ability to formulate and carry out strategies for solving scientific experiment problems/questions.	Students will be able to demonstrate awareness of multiple perspectives critical to the formulation of ethics and values.
PHYS 2125		I,R	I,R		
PHYS 2126		I,R	I,R	I,R	
PHYS 2325			I,R	I,R	
PHYS 2326			I,R		

*Students are encouraged to select electives that meet the graduation requirement of the senior institution.

These program level outcomes are paired with the core outcomes, which are assessed separately,
to produce a comprehensive picture of student accomplishment in each graduate.