



Outcomes Assessment Timeline

Contact Person: Joy Branlund		Date Submitted: 12/19/2016	
Division: Math & Science	Discipline/Program/Department: Physics	Program Review Year: 2019	

Program Review Year of 2019

Goal	YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5		
	Fall 2013	Spring 2014	Summer 2014	Fall 2014	Spring 2015	Summer 2015	Fall 2015	Spring 2016	Summer 2016	Fall 2016	Spring 2017	Summer 2017	Fall 2017	Spring 2018	Summer 2018
Goal 1 1. Apply the concepts and fundamentals of the physical sciences.				☑ I				☑ I		☑ I				☑ I	☑ R
Goal 2 2. Demonstrate critical thinking and problem-solving skills.				☑ I						☑ I					☑ R
Goal 3 3. Communicate technical information effectively.							☑ I						☑ I		☑ R
Goal 4 5. Collect, process, and interpret scientific data.						☑ I	☑ I					☑ I	☑ I		☑ R
Goal 5 4. Explain and manipulate measurements, scales, and unit conversions.							☑ I						☑ I		☑ R

Program Review Year of 2019

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	Fall 2013	Spring 2014	Summer 2014	Fall 2014	Spring 2015	Summer 2015	Fall 2015	Spring 2016	Summer 2016	Fall 2016	Spring 2017	Summer 2017	Fall 2017	Spring 2018	Summer 2018
<p>Goal 6</p> <p>6. Construct and interpret graphs, maps, and other visual representations of data.</p>				<input checked="" type="checkbox"/> I				<input checked="" type="checkbox"/> I		<input checked="" type="checkbox"/> I				<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R
<p>Goal 7</p> <p>7. Perform safely in a laboratory setting.</p>	<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I <input checked="" type="checkbox"/> R													
<p>Goal 8</p> <p>8. Develop an awareness of the physical world and its impact on daily life as well as our impact on the physical world.</p>				<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I					<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I				<input checked="" type="checkbox"/> R
<p>Goal 9</p> <p>9. Assess the scientific worth of information such as those provided by popular media.</p>				<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I					<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I				<input checked="" type="checkbox"/> R

Comments:

Force Concept Inventory (PHYS 151) - goal 1 - f14, f16

CSEM (PHYS 205) - goal 1 - s16, s18

Problem solving exercises (PHYS 204) - goal 2 - f14, f16

Projectile motion lab reports (PHYS 151) - goals 3 and 5 - f15, f17

Quiz over units (or units on final exam) (PHYS 151 - f15, f17 and 152 - su15, su17) - goal 4

Graph assessment (PHYS 101) - goal 6 - f14, f16

Graph lab (PHYS 151) - goal 6 - s16, s18

Safety survey - goal 7 - (all)

Response to popular media - goals 8 and (PHYS 101 - f14, f16 and PHY151 - s15, s17)