



# Outcomes Assessment Timeline

<b>Contact Person:</b> Joy Branlund		<b>Date Submitted:</b> 12/19/2016	
<b>Division:</b> Math & Science	<b>Discipline/Program/Department:</b> Physics	<b>Program Review Year:</b> 2024	

*Program Review Year of 2024*

Goal	YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5		
	Fall 2018	Spring 2019	Summer 2019	Fall 2019	Spring 2020	Summer 2020	Fall 2020	Spring 2021	Summer 2021	Fall 2021	Spring 2022	Summer 2022	Fall 2022	Spring 2023	Summer 2023
<b>Goal 1</b> 1. Apply the concepts and fundamentals of the physical sciences.	<input checked="" type="checkbox"/> I				<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
<b>Goal 2</b> 2. Demonstrate critical thinking and problem-solving skills.	<input checked="" type="checkbox"/> I						<input checked="" type="checkbox"/> I						<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R	
<b>Goal 3</b> 3. Communicate technical information effectively.				<input checked="" type="checkbox"/> I						<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R				
<b>Goal 4</b> 4. Explain and manipulate measurements, scales, and unit conversions.			<input checked="" type="checkbox"/> I	<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

**Program Review Year of 2024**

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<p><b>Goal 5</b></p> <p>5. Collect, process, and interpret scientific data.</p>				☑ I						☑ I	☑ R				
<p><b>Goal 6</b></p> <p>6. Construct and interpret graphs, maps, and other visual representations of data.</p>	☑ I				☑ I		☑ I				☑ I		☑ I	☑ R	
<p><b>Goal 7</b></p> <p>7. Perform safely in a laboratory setting.</p>	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I	☑ I ☑ R
<p><b>Goal 8</b></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>	☑ I	☑ I					☑ I	☑ I					☑ I	☑ I	☑ R
<p><b>Goal 9</b></p> <p>9. Assess the scientific worth of information such as those provided by popular media.</p>	☑ I	☑ I					☑ I	☑ I					☑ I	☑ I	☑ R

**Comments:**

Force Concept Inventory (PHYS 151) - goal 1 - f18, f20, f22

CSEM (PHYS 205) - goal 1 - s20, s22

Problem solving exercises (PHYS 204) - goal 2 - f18, f20, f22

Projectile motion lab reports (PHYS 151) - goals 3 and 5 - f19, f21

Quiz over units (or units on final exam) (PHYS 151 - f19, f21 and 152 - su19, su21, su23) - goal 4

Graph assessment (PHYS 101) - goal 6 - f18, f20, f22

Graph lab (PHYS 151) - goal 6 - s20, s22

Safety survey - goal 7 - (all)

Response to popular media - goals 8 and (PHYS 101 - f18, f20, f22 and PHY151 - s19, s21, s23)