



Outcomes Assessment Timeline

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Division: Math & Science	Discipline/Program/Department: Chemistry	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.								<input checked="" type="checkbox"/> I							<input checked="" type="checkbox"/> R
Goal 2 2. Demonstrate critical thinking and problem-solving skills.								<input checked="" type="checkbox"/> I							<input checked="" type="checkbox"/> R
Goal 3 3. Communicate technical information effectively.					<input checked="" type="checkbox"/> I		<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I <input checked="" type="checkbox"/> R					<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R
Goal 4 4. Explain and manipulate measurements, scales, and unit conversions.															
Goal 5 5. Collect, process, and interpret scientific data.					<input checked="" type="checkbox"/> I		<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R					<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/> R

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

Comments:

Final exam assessment (CHEM 101) - goals 1, 2, 3, 4 - f16

Attitudinal assessment (all CHEM) - goals 1, 2, 3 - s15

Lab measurement assessment (CHEM 101)- goals 3 and 5 - s15, f15

Lab report (CHEM 105 and 106) - goals 3 and 5 - f17, s18

Graph assessment - Goal 6 (done in 2011; not repeated in this assessment cycle)

Lab safety quiz/survey - Goal 7 - s17