

General Education Learning Outcomes: Assessment Tools

Mathematics and Natural Science

Date: 5-2-2021

<p>Program Learning Outcomes</p> <p>Knowledge, skill, or behavior students can demonstrate upon completion</p>	<p>Measurement Tool</p>	<p>Timeline/Frequency of Assessment</p>	<p>Target</p>	<p>Review</p>
<p>1 In general education mathematics courses, students will:</p> <p>Develop mathematical and other creative forms of problem-solving skills, understanding that these skills are useful in personal and professional contexts</p>	<p>Indirect assessment within the end of course evaluation using Hope-developed questions linked to learning outcomes for this element</p>	<p>Data collected each semester for</p>		

5	Use critical thinking skills to understand scientific arguments	Indirect assessment within the end of course evaluation using Hope-developed questions linked to learning outcomes for this element	Data collected each semester for annual assessment beginning 2020-21		Results reviewed annually in the fall by the General Education Council beginning in 2021
6	Understand that science is an on-going cross-disciplinary exploration of the physical universe rather than just a collection of facts and that this exploration is limited to certain types of questions and to the use of cert				