

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 certain methodologies	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

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