

## GEO 3 (Core Competence): Demonstrate computational skills and mathematical reasoning.

Outcome	The Student	Assignment/ Measures	Success Criteria	Student Outcomes	Revisions/ Improvements
<b>Language of Mathematics</b>	<ul style="list-style-type: none"> <li>• Uses correct mathematical terminology.</li> <li>• Translates and represents mathematical information symbolically, visually, numerically and/or verbally.</li> <li>• Provides accurate explanations of information presented in mathematical forms.</li> <li>• Interprets charts, graphs, data and tables.</li> <li>• Presents work in a coherent format.</li> </ul>			____ of ____ students met the success criteria.	
<b>Problem - Solving and Mathematical Modeling</b>	<ul style="list-style-type: none"> <li>• Employs appropriate quantitative methods to solve problems.</li> <li>• Uses appropriate mathematical methods, concepts, and pattern-based reasoning to model a variety of situations.</li> <li>• Uses appropriate technology to support mathematical reasoning and problem solving.</li> </ul>			____ of ____ students met the success criteria.	
<b>Connections</b>	<ul style="list-style-type: none"> <li>• Demonstrates connections between mathematics and authentic applications based on real situations or data.</li> <li>• Uses the quantitative analysis of data for drawing appropriate conclusions.</li> <li>• Evaluates the reasonableness of results.</li> </ul>			____ of ____ students met the success criteria.	