

Rutz, C., and Grawe, N.D. (2009). Pairing WAC and Quantitative Reasoning through portfolio assessment and faculty development. *Across The Disciplines*, 6.

[https://wac.colostate.edu/atd/assessment/rutz\\_grawe.cfm](https://wac.colostate.edu/atd/assessment/rutz_grawe.cfm) .

**Table 1: Goals and Outcomes for Quantitative Reasoning in Student Writing**

Goal	Outcomes
I. Thinks quantitatively	<ol style="list-style-type: none"> <li>1. States questions and issues under consideration in numerical terms.</li> <li>2. Identifies appropriate quantitative or numerical evidence to address questions and issues.</li> <li>3. Investigates questions by selecting appropriate quantitative or numerical methods</li> </ol>
II. Implements competently	<ol style="list-style-type: none"> <li>4. Generates, collects, or accesses appropriate data.</li> <li>5. Uses quantitative methods correctly.</li> <li>6. Focuses analysis appropriately on relevant data</li> </ol>
III. Interprets and evaluates thoughtfully	<ol style="list-style-type: none"> <li>7. Interprets results to address questions and issues under consideration</li> <li>8. Assesses the limitations of the methods employed, if appropriate to the task or assignment</li> </ol>
IV. Communicates effectively	<ol style="list-style-type: none"> <li>9. Presents and/or reports quantitative data appropriately</li> </ol>