

Template for Review of Tier 1: Quantitative Skills GER Courses

GER STUDENT OUTCOMES (All GER courses should address one or more of these)

After completing the General Education Requirement, UAA students shall be able to:

1. Communicate effectively in a variety of contexts and formats.
- 2. Reason mathematically, and analyze quantitative and qualitative data competently to reach sound conclusions.**
3. Relate knowledge to the historical context in which it developed and the human problems it addresses.
4. Interpret different systems of aesthetic representation and understand their historical and cultural contexts.
5. Investigate the complexity of human institutions and behavior to better understand interpersonal, group, and cultural dynamics.
6. Identify ways in which science has advanced the understanding of important natural processes.
7. Locate and use relevant information to make appropriate personal and professional decisions.
8. Adopt critical perspectives for understanding the forces of globalization and diversity; and
9. Integrate knowledge and employ skills gained to synthesize creative thinking, critical judgment, and personal experience in a meaningful and coherent manner.

Tier 1: Quantitative Skills Courses: (All Quantitative Skills GER courses should address one or more of these category descriptor outcomes in their Course Content Guides.)

Quantitative Skills

3 credits

Quantitative skills courses increase the mathematical abilities of students in order to make them more adept and competent producers and wiser consumers of the mathematical, statistical and computational analyses which will dominate 21st century decision-making. **In these courses, all baccalaureate students (1)develop their algebraic, analytic and numeric skills, use them to solve applied problems, and correctly explain their mathematical reasoning.**

Template for Review of Tier 1: Quantitative Skills GER Courses

Course:	Crs. #	Date of Review:							
For each of the boxes below, check those components that have been reviewed and found to be acceptable on the submitted CAR/CCG.									
CAR	CCG date within 10 years	Course Description	Course Outline	Text & Bibliography Current					
CCG has instructional goals and assessable student outcomes consistent with GER category descriptor and appropriate preamble student outcomes.									
Student Outcomes At the completion of the course the student will be able to:			Outcome Included in Course		Outcome Assessed with Appropriate Tools		Evidence for Achievement of Outcome*		
Category Descriptor Outcomes			Yes	No	Yes	No	Yes	In Development	No
1. Develop their algebraic, analytic and numeric skills; use them to solve applied problems; and correctly explain their mathematical reasoning.									
Appropriate numbered GER preamble Student Outcomes									
Must Include: 2. Reason mathematically, and analyze quantitative and qualitative data competently to reach sound conclusions.									

*For institutional GER review