

Analytical & Quantitative Thought: Distribution Courses Rubric

This rubric addresses the following **General Studies (GS)** learning outcomes: **GS 1** - evaluate information appropriate to the task; **GS 2** - apply principles of critical thinking to demonstrate integrative learning; **GS 4** - communicate effectively in written form; and the following **Analytical & Quantitative Thought (AQ)** Outcomes: **AQ 1** - articulate the relevance of the A&Q Thought course to their general education; **AQ 2** - express formal relationships using various forms of analytical reasoning; **AQ 3** - define problems using techniques appropriate to the discipline; **AQ 4** - solve problems using techniques appropriate to the discipline; **AQ 5** - draw appropriate inferences from data in various forms; and **AQ 6** - evaluate analytical results for reasonableness as well as GS program level outcomes

Evaluators are encouraged to assign a Does not meet criteria to any work sample that does not meet Beginning level performance.

Indicator	Does not meet Criteria	Beginning	Developing	*Proficient	Advanced
Articulate relevance to general education AQ 1 GS 1; GS 4	Cannot articulate why the A&Q course is relevant.	<i>Limited</i> articulation of why the A&Q course is relevant.	Articulates <i>in general</i> why the A&Q course is relevant.	Articulates in <i>satisfactory detail</i> why the A&Q course is relevant.	Demonstrates a <i>thorough</i> understanding of the A&Q course and its relevance.
Express formal relationships using various forms of analytical reasoning AQ 2	Cannot express the formal relationships using various forms of analytical reasoning	Limited ability to express formal relationships using various forms of analytical reasoning	In a general way expresses the formal relationships using various forms of analytical reasoning	Satisfactorily expresses the formal relationships using various forms of analytical reasoning	Thoroughly expresses the formal relationships using various forms of analytical reasoning
Define problems using techniques appropriate to the discipline AQ 3 GS 1; GS 2	Unable to define problems using techniques appropriate to the discipline	Limited ability to define problems using techniques appropriate to the discipline	In a general way defines problems using techniques appropriate to the discipline	Satisfactorily defines problems using techniques appropriate to the discipline	Thoroughly defines problems using techniques appropriate to the discipline
Solve problems using techniques appropriate to the discipline AQ 4	Unable to solve problems using techniques appropriate to the discipline	Limited ability to solve problems using techniques appropriate to the discipline	In a general way solves problems using techniques appropriate to the discipline	Satisfactorily solves problems using techniques appropriate to the discipline	Has a thorough understanding of and solves problems using techniques appropriate to the discipline
Draw appropriate inferences from data in various forms AQ 5 GS 2	Unable to draw appropriate inferences from data in various forms	Limited ability to draw appropriate inferences from data in various forms	In a general way can draw appropriate inferences from data in various forms	Satisfactorily draws appropriate inferences from data in various forms	Has a thorough understanding of and is able to draw appropriate inferences from data in various forms
Evaluate analytical results for reasonableness AQ 6 GS 2	Unable to evaluate analytical results for reasonableness	Limited ability to evaluate analytical results for reasonableness	In a general way can evaluate analytical results for reasonableness	Satisfactorily evaluates analytical results for reasonableness	Has a thorough understanding of and is able to evaluate analytical results for reasonableness

***NOTE:** The category "Proficient" describes the skills of the typical student near the end of the course. Advanced is anything above proficient.