Competency Rubric

Core Competency Scoring Rubric

Quantiative Literacy - QNT3

QNT3 Apply approaches: Quantitative Literacy – QNT3 Apply approaches – Students apply quantitative approaches to solve problems and draw plausible conclusions. Examples of quantitative approaches include: modeling with a function or equation, using a formula, following the steps of a procedure, performing calculations, using trial and error, estimating,

Table 1: Caption

Level	Description
4 - Advanced Advanced performances exceed the expectations for Ferris graduates. This work shows an effective and well-developed response to the learning outcome. These students represent the strongest fraction of our graduates.	Advanced: Students apply three or more quantitative approaches to solve problems and construct compelling arguments for their conclusions.
3 - Proficient Proficient performances meet the expectations for Ferris graduates. This work demonstrates a sufficient response to the learning outcome with regard to scope and accuracy. All students are expected to attain this level of ability by graduation.	Proficient: Students apply at least two different quantitative approaches to solve problems and construct strong arguments for their conclusions.
2 - Progressing Developing performances approach the expectations for Ferris graduates. Although this work is more accomplished than that of novices, the scope and accuracy of the response does not yet satisfactorily address the learning outcome. This should be true of most first and second year students.	Progressing: Students apply at least two different quantitative approaches to solve problems but construct only weak arguments for their conclusions.
1 - Beginning Beginning performances do not meet the expectations for Ferris graduates. This work exhibits a novice level of ability with regard to addressing the learning outcome. This is the expected skill level for our incoming first year students	Beginning: Students apply at least one quantitative approach to their conclusions.
0 - Unsatisfactory Unsatisfactory performances neither meet the expectations for Ferris graduates nor those for incoming freshmen. This work exhibits profound deficiencies and/or is incomplete.	Unsatisfactory: Students are unable to apply even one quantitative approach to solve problems.