

# Competency Rubric

## Core Competency Scoring Rubric

### Quantitative Literacy - QNT2

**QNT2 Analyze information:** Quantitative Literacy – QNT2 Analyze information – Students analyze information presented in multiple mathematical forms.

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 examine the structure of information presented symbolically, graphically, numerically, and verbally, and explain the concepts methodically and in detail.

**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 examine the structure of information in three of the four forms listed in the Level 4 description and explain the concepts methodically and in detail.

**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 examine the structure of information in two of the four forms listed in the Level 4 description and explain the concepts methodically and in detail.

**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: of the four forms listed in the Level 4 description and

**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 examine the structure of information in the four forms listed in the Level 4 description and cannot explain the concepts methodically or in detail.