

# Standardized Assessment Measures for the Ferris Learning Outcomes

## 11) Capstone project .....[Product]

**DESCRIPTION:** As part of a programmatic capstone experience, students produce a culminating work. These student artifacts may take on a variety of forms to fit the context of the program involved. The FLO rubric is used to evaluate each project and the student rubric scores are recorded using the RUBRIC workbook.

**SCORING:** These projects are directly evaluated using a four-level scoring rubric.

**ANALYSIS:** The number of student scores meeting or exceeding a threshold rubric score of 3.0 is determined for the assignment. The average and 95% confidence interval of the class rubric scores is calculated and classified as indicated in the following scheme:

- 0) **Deficient**       $0.0 \leq \text{class average} < 1.0$
- 1) **Beginning**      $1.0 \leq \text{class average} < 1.8$
- 2) **Progressing**    $1.8 \leq \text{class average} < 2.6$
- 3) **Proficient**     $2.6 \leq \text{class average} < 3.4$
- 4) **Advanced**      $3.4 \leq \text{class average} \leq 4.0$

A one factor, two-tailed t-test is used to evaluate the statistical significance of differences between class average and the threshold score of 2.6 points. Cohen's d is used to determine the magnitude of any effect sizes found.

**CRITERION LEVELING:** The expectations of the criteria of success depend upon the level of the course assessed. The target thresholds for each level are defined as follows:

**100-level**

50% of individuals should be proficient or better (3 on the rubric) by the end of instruction  
The class average should fall within the progressing level (threshold  $\geq 1.8$ )

**200-level**

60% of the individuals should be proficient or better (3 on the rubric) by the end of instruction  
The class average should fall within the proficient level (threshold  $\geq 2.6$ )

**300-level**

70% of individuals should be proficient or better (3 on the rubric) by the end of instruction  
The class average should fall within the proficient level (threshold  $\geq 2.6$ )

**400-level**

80% of individuals should be proficient or better (3 on the rubric) by the end of instruction  
The class average should fall within the proficient level (threshold  $\geq 2.6$ )