

INSTRUCTIONS FOR COMPUTING
IMPACT ON P-12 STUDENT LEARNING ASSESSMENT
(Professional Portfolio)

Your professional portfolio, completed during your clinical experience, requires you to complete some elements of the LATAAP portfolio. One element, section A4, requires you to analyze the results of a pre-/post-assessment administered with the instructional unit you teach. In addition to the analysis required on the A4 form, you will compute the statistical measures of central tendency for the class and report those results electronically. The following instructions describe how to compute and submit these data. Points possible for the pre-/post-assessment must equal 10.

| Measure | Description | Computation |
|---------|--|--|
| Mean | The average of all gain/loss scores between the pre-test and the post-test | <ol style="list-style-type: none"> 1. Compute the numerical difference between each student's pre-test score and post-test score. This is the student's gain/loss score. It may be positive, negative, or zero. 2. Compute the sum of all students' gain/loss scores. 3. Divide that sum by the number of students. This is your mean. |
| Median | The middle gain/loss score | <ol style="list-style-type: none"> 1. List all gain/loss scores in ascending numerical order. 2. Locate the middle score. This is your median. <i>Note 1: If you have an odd number of scores, the median is the score in the exact middle of the range of scores. If you have an even number of scores, compute the mean (average) of the two middle scores.</i> <i>Note 2: When submitting data electronically, negative medians should include a negative sign. Positive medians should not include a positive sign.</i> |
| Mode | The most frequently occurring score | <ol style="list-style-type: none"> 1. List all scores in ascending numerical order. 2. Identify the score that occurs most often. This is your mode. <i>Note 1: You may have multiple modes.</i> |

If multiple assessments are used, the measures of central tendency should be computed and reported for each assessment.

Report data using the **Impact on P-12 Student Learning Data Collection Form** on the Field Experiences' page of the STPES Web site at <http://stp.es.mcneese.edu>.

A4. Analyzing the Results

A4 is used to show the learning gain made by each student from pre- to post-assessment. Attach additional pages if necessary.

| Students | Pre-Assessment | Post-Assessment | Gain + or - | Objectives | | | | Comments |
|----------------|----------------|-----------------|-------------|------------|----|-----|----|----------|
| | | | | Yes | No | Yes | No | |
| 1. Student 1 | 77 | 85 | +8 | | | | | |
| 2. Student 2 | 92 | 92 | 0 | | | | | |
| 3. Student 3 | 45 | 56 | +11 | | | | | |
| 4. Student 4 | 88 | 90 | +2 | | | | | |
| 5. Student 5 | 90 | 98 | +8 | | | | | |
| 6. Student 6 | 70 | 77 | +7 | | | | | |
| 7. Student 7 | 78 | 85 | +7 | | | | | |
| 8. Student 8 | 81 | 75 | -6 | | | | | |
| 9. Student 9 | 66 | 66 | 0 | | | | | |
| 10. Student 10 | 67 | 75 | +8 | | | | | |
| 11. Student 11 | 78 | 83 | +5 | | | | | |
| 12. Student 12 | 82 | 81 | -1 | | | | | |
| 13. Student 13 | 78 | 95 | +17 | | | | | |
| 14. Student 14 | 78 | 89 | +11 | | | | | |
| 15. Student 15 | 80 | 83 | +3 | | | | | |

Attach additional pages if necessary.

Mean: 5.33, Median: 7, Mode: 8