

Bachelor of Technology – Emergency Responder Administration Program Outcome Assessment Summary

Comprehensive annual assessments are conducted on Emergency Responder Administration program and OSU-Oklahoma City campus wide outcomes. One or two of each type of outcome is assessed as outlined in the assessment plan (separate document on website). The assessment plan guides which program and campus wide learning outcomes will be assessed, when it will be assessed and submitted in the annual assessment report. This page will outline a summary of the assessment results for the 2017-2018 academic year.

Fall 2017

In the Fall 2017 semester includes one BT-ERA program outcome and one campus wide outcome were assessed. The program outcome assessed was: *Students use research methodologies to collect and analyze data for decision making in the public safety environment*. The assessment of this outcome was conducted through the evaluation of a research proposal. It was expected students *generate a proposal by factual creation* to justify a new department program.

- Assignment Score Values
 - Range – 17 to 48 or 34% to 96%
 - Average – 37.5 or 75%
 - Median – 44 or 88%
 - Mode – 44 or 88%
 - Standard deviation – 13.126
- Assignment Scoring Rubric Data:
 - Originality & Accuracy had 83% Exemplary & Satisfactory 17% scores.
 - Elements & Analysis had 17% Exemplary, 50% Satisfactory, 17% Needs Improvement, and 17% Unacceptable.
 - Synthesis had 33% Exemplary, 50% Satisfactory, and 17% Unacceptable.
 - Style had 33% Exemplary, 33% Satisfactory, 17% Mediocre, and 17% Needs Improvement.
 - Formatting had 33% Satisfactory, 50% Mediocre, and 17% Needs Improvement.

The results from this assignment were lower than expected. These students are at graduation and did not perform to this expected level noted above in *generating a proposal by factual creation* to justify a new department program. Students had a primary focus on the literature review and explaining the program. The Elements and Analysis was the most concerning criteria with the lowest ratings. Students did not directly address the elements from the instructions. This conclusion is supported when comparing this set of data to the Spring 2017 scores on the same project. During the Spring 2017 semester, the average score was 32.3, the median value was 35 points higher, the mode value was 35, and the standard deviation was 12.282.

The campus wide learning outcome assessed was computer proficiency, which states: *Students communicate effectively using organized and coherent written and oral presentations appropriate for the audience and situation*. This assignment was an Oral Defense of student learning conducted by each student in the capstone course. This assignment was graded by a panel of three public safety subject matter experts. There were 75 points possible with this assignment.

- Assignment Score Values
 - Range – 62 to 74 or 82.7% to 98.7%
 - Average – 68 or 90.7%
 - Median – 67 or 89.3%
 - Mode – no value.
 - Standard deviation – 4.69
- Assignment Scoring Rubric Data:
 - Style = 10% of the grade and included the criteria of: Appearance & Etiquette.
 - Communication and Body Language = 20% of the grade and included the criterion of Oral Communication and Body Language.
 - Knowledge = 60% of the grade and included the criteria of Knowledge of Learning and Portfolio.

For indirect measures, student comments from a reflective essay in ERA 4213 Advanced Occupational Proficiency was evaluated. In general, the students felt...

- Better prepared for work.
- Improved writing skills.
- Improved knowledge of public safety work.
- Gained new strategies for work.
- Gained greater discipline at work and in life.
- Developed better time management.
- Career advancement opportunities.
- The importance of communication and critical thinking skills.

The greatest challenge expressed from this course was the demand on time. Students struggled with time management in finding a balance between work, life and school obligations.

Spring 2018

Pending outcomes assessment will include two program outcomes and one campus wide outcome.

The program outcomes to be assessed are:

*Students will formulate solutions to ethical and legal issues in the public safety organization.
Students use effective leadership and professional skills to operate in a public safety administrative setting.*

The campus wide outcome to be assessed are:

Students display sensitivity to cultures across local, national and global communities.