

## Student Learning Outcomes Evidence PBSF 127 / PSYCH 127

1. Briefly summarize the Student Learning Outcome assessed, and the method used to assess it.  
**CLARIFY AND CONTRAST DIFFERING APPROACHES TO DECISION MAKING AND PROBLEM SOLVING.** An online assessment and program was used to assess the learning outcome. The assessment had multiple components where the student was required to successfully complete in order to be issued a completion certificate by the Federal Emergency Management Agency. The assessment was inclusive and included both process and actions to decisions making and problem solving. The assessment included the following four (4) content areas: decision making process, decision making styles and attributes, ethical decision making and problem solving, and decision making in an emergency.
2. Describe the kind of evidence that you collected to evaluate student learning as stated by the outcome. Is the data adequate for making observations and/or conclusions?  
**The evidence was the number of students who completed the item successfully. One hundred (100%) percent of the student enrolled in the course at the final examination process were reviewed for the data collection (certification) process. This is a significant data pool for the assessment of the student learning outcome.**
3. Has all evidence been collected and documented? Are there any data missing or incomplete? Are there samples of evidence available?  
**All evidence has been collected; there is no missing or incomplete data. The evidence is located in the permanent course file in OE1 building room 121.**
4. Looking at the results, how many students met or exceeded the stated outcome, based on the evidence present? What observations or explanations can you attribute this result to?  
**One hundred (100%) of the PBSF 127 / PSYCH 127 students (n=32) were assessed. Seventy-two (72%) percent of the total (n=27) met the specified criteria. Twelve (12%) percent of the total (n=7) did not met the specified criteria. Included in the group of students who did not meet the criteria were seven (7) students who did not attempt the final or have elected for the grade of "F" in the course.**  
**The successful outcome of higher than eighty (80%) is the expected standard in the discipline. This measure is only a cognitive measure. No adaptive measure was assessed by this event, nor expected in the course materials or certification.**
5. How many students performed below the stated outcome, based on the evidence present? What observations or explanations can you attribute this result to?

**Twenty-two (22) percent of the total (n=7) did not meet the specified criteria. Included in this group of student who did not meet the criteria were seven (7) students who did not attempt the final or have elected for the grade of "F" in the course. The results are consistent with industry standards. No untoward observations can be sensed. Further, of these seven (7) student, four(4) students did not complete any class project for zero points throughout the semester; yet remained in the class all semester.**

6. Were there students who were not assessed? What was the reason(s) for students who were not assessed? Are the numbers of non-assessed students a significant factor in the overall success of the course or program being assessed?

**One hundred (100%) of the students (n=32) were assessed.**

7. What overall observations do you have about the results? Are there significant patterns or trends in the data?

**This is the second semester that this course has been offered. This assessment and results establishes the second point in the continuum for comparison of future assessment data. A formal after action review was conducted by the students on May 14, 2010 and that process yields more qualitative information regarding the class. Nonetheless, the results are consistent with industry standards for emergency services and related fields.**

8. Based on your findings, what worked well in your course or program, as reflected by the data?

**The instructional materials, concepts, and construction meet the student s desire and technical competencies to successfully complete a FEMA certification in emergency management and decision making. Both the qualitative and quantitative data reflects a good assessment.**

9. Based on your findings, what changes do you believe are necessary to improve student learning? Specifically, what changes would you suggest?

**No changes are necessary. However it will be important to draw a relationship to other courses and independent sections of the program. Additional information on ethics and more instructional time was consistent in the after action review.**

10. What kinds of learning evidence would help you make better, more precise observations? What would you change or modify in your assessment approach?

**The instrument and evidence show an appropriate response. The assessment should continue to be measured to evaluate continued progress of the course. This assessment continues the first point captured last semester. During this semester more students completed the semester successfully.**