

**Student Learning Outcomes**  
**October 2014**

**Course: PSYC 2200 - Elementary Statistics for the Behavioral and Social Sciences**

**Institutional Student Learning Outcomes**

- ISLO Computation - Graduates should be able to solve problems involving data gathering and analysis, apply mathematical concepts, and use technology in these processes.
- ISLO Critical and Creative Thinking - Graduates should be able to analyze, interpret, explain and evaluate texts, ideas, works of art, and scientific and mathematical problems.

**General Education Program SLO**

- GE-Communication and Analytical Thinking
  - GE/C&A - Student demonstrates the ability to communicate knowledge, information, ideas, and feelings, and enhance the ability to evaluate, problem solve, and make decisions.

**Program level SLO elements: AA-T Psychology for Transfer**

- SLO 3.1 – Use critical thinking effectively
- SLO 3.2 – Engage in creative thinking
- SLO 3.4 – Approach problems effectively
- SLO 5.6 – Assess and justify their engagement with respect to civic, social, and global responsibilities
- SLO 6 - Uses appropriate statistical test with correct results. Includes a hypothesis test and gives accompanying p-level stating probability of Type I error. Provides a conclusion statement clearly linking test results with the research question.

**Course Level SLO**

- Identify, perform, and correctly interpret the results of the appropriate statistical test when presented with research data.
- Apply critical thinking skills to critique research results and interpretations.