

Evidence of Learning in a General Education Class

Evidence of Learning: PSY 3500					
Program Learning Goals	Measurable Learning Outcome	Method of Measurement	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
Students will...	Students will...	Direct and Indirect Measures*			
<p>Goal 1: Knowledge.</p> <p>Students will understand psychology as a scientific discipline. Essential to this, students will understand a core set of statistical and methodological knowledge regarding how psychologists critically evaluate, creatively test, and scientifically defend psychological claims. They will also understand a core set of content knowledge addressing the biological, cognitive/behavioral, social/personality, and developmental aspects of behavior.</p>	<p>1a: Students will be able to identify critical explanatory concepts (e.g., localization of functioning, modular processing, representations, embodied cognition, etc).</p>	<p>Measure 1: Between 20 and 40 MC questions on 4 class exams.</p> <p>Measure 2: 4 essays on 4 class exams.</p> <p>Measure 3: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 75% on 30 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p>	<p>Measure 1: Students successfully demonstrated the skills necessary to name, recognize, list, and identify cognitive psychological concepts.</p>	<p>Measure 1: No curricular or pedagogical changes needed at this time</p>
	<p>1b: Student will be able to describe the cognitive approach to understand human cognition and behavior (e.g., distinguishing between the computational, representational, and implementational levels of analyses).</p>	<p>Measure 1: Between 20 and 30 MC questions on 4 class exams.</p> <p>Measure 2: 4 essays on 4 class exams.</p> <p>Measure 3: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 73% on 20 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p>		
	<p>1c: Students will be able to describe and explain the techniques used to study the mind and behavior (e.g., reaction times, ERP, fMRI) and interpret the significance of the data (e.g., semantic priming/cognitive associations, time-course of cognitive processing, neurological areas of activation).</p>	<p>Measure 1: Between 30 and 40 MC questions from 4 class exams.</p> <p>Measure 2: 4 essays on 4 class exams.</p> <p>Measure 3: Between 8 and 12 homework assignments.</p>	<p>Measure 1: Students averaged 70% on 32 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p> <p>Measure 3: Students averaged 95% on homework assignments.</p>		

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<p>Goal 2: Application.</p> <p>Students will be able to critically apply psychological principles and research to explain social issues, inform public policy, solve problems, understand themselves, and achieve career goals.</p>	<p>2a: Students will be able to explain their own and others mental functioning and behavior from a cognitive perspective (e.g., perceptual gestalts, attentional bottleneck, memory interference).</p>	<p>Measure 1: Between 20 and 30 MC questions on 4 class exams.</p> <p>Measure 2: 4 Essay questions on 4 Class exams.</p>	<p>Measure 1: Students averaged 75% on 24 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p>	<p>Measure 1: Students successfully demonstrated the ability to apply the principles and theories of cognitive psychology to their own lives and describe these concepts to others.</p>	<p>Measure 1: Continued collection of measurable application outcomes.</p>
	<p>2b: Students will be able to describe to others the processes operating on mental representations to produce intelligent behavior (e.g., perception, pattern recognition, attention).</p>	<p>Measure 1: 4 Essay questions from 4 class exams.</p> <p>Measure 2: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 81% on essay questions on class exams.</p>		
	<p>2c.</p>				

Program Learning Goals Students will...	Measurable Learning Outcome Students will...	Method of Measurement Direct and Indirect Measures*	Findings Linked to Learning Outcomes	Interpretation of Findings	Action Plan/Use of Results
<p>Goal 3: Values</p> <p>Students will share key values adopted by psychologists, which include (but are not limited to) skepticism and intellectual curiosity, tolerance of ambiguity, respect for human diversity, appreciation of their civic, social, and global responsibilities, and humility regarding the limits of their psychological knowledge and skills. Students will also grasp the spirit of the APA Code of Ethics, follow its guidelines, and recognize the necessity of ethical behavior in all aspects of the science and practice of psychology.</p>	<p>3a: Students will identify the values and beliefs necessary to be “scientists of behavior and mental processes” (e.g., skepticism, curiosity, ambiguity) and begin to adopt and apply these beliefs in their own lives.</p>	<p>Measure 1: Between 2 and 7 MC questions from 4 class exams.</p> <p>Measure 2: 4 Essay questions form 4 class exams.</p>	<p>Measure 1: Students averaged 86% on 4 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p>	<p>Measure 1: Students are successfully learning to think like scientists; and as a result are able to interpret their own and others behavior from a scientific perspective. Additionally, they are able to recognize the limitations of their scientific understanding.</p>	<p>Measure 1: Continued collection of measurable scientific values, ethics, and understanding.</p>
	<p>3b: Students will begin to recognize and adopt values consistent with assumptions of scientific psychology (e.g., <i>determinism materialism monism</i>)</p>	<p>Measure 1: 4 Essay questions form 4 class exams.</p> <p>Measure 2: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 81% on essay questions on class exams.</p>		
	<p>3c: Students will identify the ethical obligations of practicing and research psychologists and recognize the limits of their psychological knowledge.</p>	<p>Measure 1: Between 1 and 4 MC questions from 4 class exams.</p> <p>Measure 2: 4 Essay questions form 4 class exams.</p> <p>Measure 3: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 81% on 2 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p>		

<p>Goal 4: Communication</p> <p>Students will exhibit skills to professionally communicate their understanding of terms, concepts, research, and theories of the discipline to others via written and oral formats. Students will also have interpersonal and collaborative skills necessary to effectively work in groups with others who hold diverse opinions, beliefs, and attitudes.</p>	<p>4a: Students will define the meaning of key cognitive psychology terms</p>	<p>Measure 1: Between 20 and 40 MC questions on 4 class exams.</p> <p>Measure 2: 4 essays on 4 class exams.</p> <p>Measure 3: 10 homework assignments</p> <p>Measure 4: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 74% on 22 multiple choice items of class exams.</p> <p>Measure 2: Students averaged 81% on essay questions on class exams.</p> <p>Measure 3: Students averaged 95% on homework assignments.</p>	<p>Measure 1: Students effectively express and write about the concepts in cognitive psychology. Students review cognitive research and interpret, summarize, and explain the results. They are able to generalize and extend the theoretical results to their own lives.</p>	<p>Measure 1: Continued collection of measurable communication outcomes.</p>
	<p>4b: Student will be able to write essay answers to direct questions about ideas in cognitive psychology and the cognitive sciences</p>	<p>Measure 1: 4 essays on 4 class exams.</p> <p>Measure 2: 10 homework assignments</p> <p>Measure 3: Graded in-class discussion.</p>	<p>Measure 1: Students averaged 81% on essay questions on class exams.</p> <p>Measure 2: Students averaged 95% on homework assignments.</p>		
	<p>4c: Students discuss theoretical issues and debates in cognitive psychology.</p>	<p>Measure 1: Graded in-class discussion.</p>			