

Assessment Findings

Finding per Measure

Hawaii Pacific University ILOs with PLOs (Copy 1)

Quantitative Analysis and Symbolic Reasoning

Students will interpret, calculate, analyze, and clearly communicate quantitative information using mathematical, statistical, or symbolic reasoning to solve complex problems.

Outcome: Research Methods

Understand and apply basic research methods in psychology, including research design, data analysis, and interpretation.

▼ **Measure:** PSY 2200: Research Methods in Psychology research reports
Program level Direct - Student Artifact

Details/Description:	Copies of student group research reports will be reviewed by two faculty members & assessed using a modified APA research methods rubric, which includes levels for Basic, Developing, & Advanced over 10 outcome areas.
Acceptable Target:	While this is not a capstone course, students are expected to complete a full research project – including data collection & analysis – by the end of the course. The acceptable target is an average of 70% at the Advanced level.
Ideal Target:	The ideal target is an average of 80% at the Advanced level.
Implementation Plan (timeline):	Assessments to be completed by the end of Fall 2018 semester.
Key/Responsible Personnel:	Douglas Hall, faculty review chair, & one additional faculty member, other than the instructor.
Supporting Attachments:	

Findings for PSY 2200: Research Methods in Psychology research reports

Summary of Findings:	<p>The group research report assignment assessed for this learning outcome reached 80% at the Advanced level across all of the rubric criteria used – exceeding the target of 70%. However, three criteria (Participant selection/assignment, Design quality, & Statistical significance) did not meet the acceptable target.</p> <p>Following are the percent assessed at the Advanced level for each rubric criterion: Scientific method: 100% General research methods: 100% Research elements: 83% (other 14% rated at Developing) Participant selection & assignment: 33% (other 77% rated at Developing) Design quality (internal validity): 50% (other 50% rated at Developing) Generalization (external validity): 83% (other 14% rated at Developing) Reporting research findings: 100 Research ethics: 100% Database skills: 100% Statistical significance: 50% (other 50% rated at Developing)</p>
Results :	<p>Acceptable Target Achievement: Exceeded; Ideal Target Achievement : Exceeded</p>
Recommendations:	<p>Overall target of 70% at Advanced level was exceeded for this assessment, although some individual criteria did not reach that level. Not all students elect for a research project at the Capstone level, but it may be worthwhile to assess student artifacts at that higher target</p>

Reflections/Notes:

goal.

If department faculty deem assessing this PLO at a higher target level, the Capstone course of Research Seminar would support this review in the future.

These Findings are associated with the following Actions:

Comparison to Capstone level research projects (Action Plan; 2015-2016 Assessment Cycle)

Action details: The overall average of the criteria met or exceeded the acceptable target. These results may be compared to research projects completed at the Capstone level.

Implementation Plan (timeline): Further assessment focused of this PLO at the Capstone level may be considered in the future.

Key/Responsible Personnel: Joanna Pashdag, program review chair, & other PSY faculty

Measures: Student learning artifacts, particularly research papers

Budget approval required? (describe): n/a

Budget request amount: \$0.00

Priority: Low

Supporting Attachments:

Overall Recommendations

No text specified

Overall Reflection

No text specified

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