

1. Curriculum Action

- New Course Course Modification Five Year Review

2. Proposer

R. Nani Azman

3. Department

- Allied Health Business & Hospitality Career & Tech Education
 English Humanities Social Science
 Science/Tech/Eng/Math

4. Course Alpha

PSY

5. Course Number

~~214~~ 212

6. Course Title

Research Methods

7. If this is a course modification or a five year review, please check the curriculum items being modified.

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. Course Alpha | <input checked="" type="checkbox"/> 2. Course Number | <input checked="" type="checkbox"/> 3. Course Title |
| <input type="checkbox"/> 4. Credits | <input type="checkbox"/> 5. Contact Hours | <input checked="" type="checkbox"/> 6. Course Description |
| <input checked="" type="checkbox"/> 7. Prerequisites | <input type="checkbox"/> 8. Corequisites | <input type="checkbox"/> 9. Rec Prep |
| <input type="checkbox"/> 10. Cross-list w other course | <input type="checkbox"/> 13. Grading Method | <input type="checkbox"/> 14. Repeatable for credit? |
| <input checked="" type="checkbox"/> 15. SLOs | <input checked="" type="checkbox"/> 16. Course Competencies | <input type="checkbox"/> 17. Content & Timeline |
| <input type="checkbox"/> 18. PLOs | <input checked="" type="checkbox"/> 19. CASLOs | <input type="checkbox"/> 21. Method of Delivery |
| <input type="checkbox"/> 22. Text and Materials | <input type="checkbox"/> 23. Maximum Enrollment | <input type="checkbox"/> 29. Course Designation |
| <input type="checkbox"/> 31. Catalog Modification | | |
| <input type="checkbox"/> Other | | |

8. Proposed Semester

Fall 2015

9. Effective Semester (1 Year from Proposed Semester)

Fall 2016

University of Hawaii Maui College
PSY 212 - Survey of Research Methods

1. Course Alpha.

PSY

2. Course Number.

212

3. Course Title/Catalog Title.

Survey of Research Methods

4. Number of Credits.

4

5. Contact Hours/Type.

3 hr. lecture/3 hr. lab

6. Course Description.

Provides an overview of research design strategies used in psychological research. It covers the basic descriptive statistics and concepts within inferential statistics that are necessary for appreciation and comprehension of research findings. The course presents the student with the fundamentals of research that all psychology majors should know. Emphasis is placed on the critical evaluation of psychological research.

7. Pre-Requisites.

PSY 100 with grade C or better, and ENG 22 with grade C or better or placement at ENG 100, and MATH 22 with grade C or better or placement at least MATH 82, or consent.

8. Co-requisites.

9. Recommended Preparation.

10. Is this a cross-listed course?

NO

11. Reason for Proposal. Why is this course being proposed or modified? This question requires specific information as part of the explanation.

Aligning the course number, description, and SLOs with PSY 212 at KapCC and also so that the course articulates to UH Manoa for their BA in PSY.

12. Effective Semester and Year.

Fall 2016

13. Grading Method. What grading methods may be used for this course?

- Standard (Letter,Cr/NCr,Audit) (0)

14. Is this course repeatable for credit? How often can this course be counted toward a degree or certificate?

NO

15. Course Student Learning Outcomes (SLOs).

Course SLO/Competency	1. Evaluate/analyze published research	2. Demonstrate understanding of the scientific method as it relates to research in psychology.	3. Explain the steps in the designing research and their importance.	4. Explain the goals of research.	5. Design a research proposal which addresses a psychological question.	6. Analyze a research problem to determine appropriate statistical analysis	7. Describe the ethical considerations in psychological research and apply these to a research proposal.	8. Develop and evaluate hypotheses for a psychological study.	9. Conduct simple research	10. Use a computer to analyze research data	11. Explain and interpret statistical results using descriptive and correlation statistics	12. Conduct a search of literature on topics in psychological research
Explain the use of descriptive statistics.				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Generate descriptive statistics from a given data set.						<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Explain the uses of inferential statistics.				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Use a statistical computer software program to perform simple analyses such as t tests and chi square tests.						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Differentiate between basic research designs and the different types of evidence that are obtained from different methods.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Critically analyze psychological literature.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
Express ideas and opinions clearly, both orally and in writing.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Course SLO/PSLO	Demonstrate an understanding of theories, practices, histories, and key issues of a field of study using essential terminology and concepts of the discipline.	Use theories, concepts, and practices of a field of study to analyze evidence, artifacts, and/or texts and produce interpretations, hypotheses, evaluations, or conclusions.	Apply theories and/or methods of a field of study to perform practical, scholarly, and/or creative tasks that respond to social, cultural, environmental, or economic issues.
Explain the use of descriptive statistics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Generate descriptive statistics from a given data set.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Explain the uses of inferential statistics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Use a statistical computer software program to perform simple analyses such as t tests and chi square tests.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Differentiate between basic research designs and the different types of evidence that are obtained from different methods.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Critically analyze psychological literature.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Express ideas and opinions clearly, both orally and in writing.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

16. Course Competencies.

Competency
1. Evaluate/analyze published research
2. Demonstrate understanding of the scientific method as it relates to research in psychology.
3. Explain the steps in designing research and their importance.
4. Explain the goals of research
5. Design a research proposal which addresses a psychological question.
6. Analyze a research problem to determine appropriate statistical analysis
7. Describe the ethical considerations in psychological research and apply these to a research proposal.
8. Develop and evaluate hypotheses for a psychological study.
9. Conduct simple research
10. Use a computer to analyze research data
11. Explain and interpret statistical results using descriptive and correlation statistics
12. Conduct a search of literature on topics in psychological research

17. Recommended Course Content and Timeline. The course content facilitates the course competencies. Course content may be organized by weeks, units, topics or the like.

Content
Introduction to the science of psychology and overview of research methods
Ethical issues in research
Descriptive Methods
Methods for collecting correlational data
Experimental methods with one independent variable
Null hypothesis testing
Experimental methods with two or more independent variables
Single-case designs and small-n research
Data analysis: descriptive statistics
Data analysis: inferential statistics
Writing a research report in APA format

18. Program Learning Outcomes.

Program SLO
Demonstrate an understanding of theories, practices, histories, and key issues of a field of study using essential terminology and concepts of the discipline.
Use theories, concepts, and practices of a field of study to analyze evidence, artifacts, and/or texts and produce interpretations, hypotheses, evaluations, or conclusions.
Apply theories and/or methods of a field of study to perform practical, scholarly, and/or creative tasks that respond to social, cultural, environmental, or economic issues.

19. College-wide Academic Student Learning Outcomes (CASLOs).

	Creativity - Able to express originality through a variety of forms.
<input checked="" type="checkbox"/>	Critical Thinking - Apply critical thinking skills to effectively address the challenges and solve problems. <input checked="" type="checkbox"/> Level 2
<input checked="" type="checkbox"/>	Information Retrieval and Technology - Access, evaluate, and utilize information effectively, ethically, and responsibly. <input checked="" type="checkbox"/> Level 2
<input checked="" type="checkbox"/>	Oral Communication - Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes. <input checked="" type="checkbox"/> Level 1

<input checked="" type="checkbox"/>	Quantitative Reasoning - Synthesize and articulate information using appropriate mathematical methods to solve problems of quantitative reasoning accurately and appropriately. <input checked="" type="checkbox"/> Level 1
<input checked="" type="checkbox"/>	Written Communication - Write effectively to convey ideas that meet the needs of specific audiences and purposes. <input checked="" type="checkbox"/> Level 2

20. Linking.

21. Method(s) of delivery appropriate for this course.

- Cable TV (0)
- Classroom/Lab (0)
- HITS/Interactive TV (0)
- Hybrid (0)
- Online (0)

22. Text and Materials, Reference Materials, and Auxiliary Materials.

- Bordens & Abbott. Research Design and Methods: A Process Approach. 9. McGraw-Hill Higher Education, 2014, 0078035457.
- Jackson. Research methods: A Modular Approach. 3. Wadsworth, 2014, 1285750497.
- Shaughnessy, Zechmeister, & Zechmeister. Research Methods in Psychology. 10. McGraw-Hill Higher Education, 2014, 0077825365.

23. Maximum enrollment.

35

24. Particular room type requirement. Is this course restricted to particular room type?

YES

Room with computers that have MS Excel and MS Word

25. Special scheduling considerations. Are there special scheduling considerations for this course?

NO

26. Are special or additional resources needed for this course?

27. Does this course require special fees to be paid for by students?

NO

28. Does this course change the number of required credit hours in a degree or certificate?

No

29. Course designation(s) for the Liberal Arts A.A. degree and/or for the college's other associate degrees.

Degree	Program	Category
Associate in Arts:	Liberal Arts	DS - Social Science LE - Elective
AS:	ANY	SS - Social Science
AAS:	ANY	SS - Social Science
BAS:		
Developmental/Remedial:		

HWST – DS

30. Course designation(s) for other colleges in the UH system.

Honolulu Community College - PSY 212 - Survey of Research Methods - 3 credits

Kapi'olani Community College - PSY 212 - Survey of Research Methods - 3 credits

UH Manoa - PSY 212 - Survey of Research Methods - 4 credits

UH West Oahu - PSY 212 Research Methods in Psychology - 3 credits

UH Hilo - PSY 214 - Research Methodology - 4 credits

31. Indicate the year and page # of UHMC catalog referred to. For new or modified courses, please indicate the catalog pages that need to be modified and provide a sheet outlining those changes.

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32. College-wide Academic Student Learner Outcomes (CASLOs).

Standard 1 - Written Communication Write effectively to convey ideas that meet the needs of specific audiences and purposes.	
Outcome 1.1 - Use writing to discover and articulate ideas.	2
Outcome 1.2 - Identify and analyze the audience and purpose for any intended communication.	2
Outcome 1.3 - Choose language, style, and organization appropriate to particular purposes and audiences.	1
Outcome 1.4 - Gather information and document sources appropriately.	3
Outcome 1.5 - Express a main idea as a thesis, hypothesis, or other appropriate statement.	3
Outcome 1.6 - Develop a main idea clearly and concisely with appropriate content.	3
Outcome 1.7 - Demonstrate a mastery of the conventions of writing, including grammar, spelling, and mechanics.	1
Outcome 1.8 - Demonstrate proficiency in revision and editing.	2
Outcome 1.9 - Develop a personal voice in written communication.	1
Standard 2 - Quantitative Reasoning Synthesize and articulate information using appropriate mathematical methods to solve problems of quantitative reasoning accurately and appropriately.	
Outcome 2.1 - Apply numeric, graphic, and symbolic skills and other forms of quantitative reasoning accurately and appropriately.	3
Outcome 2.2 - Demonstrate mastery of mathematical concepts, skills, and applications, using technology when appropriate.	3
Outcome 2.3 - Communicate clearly and concisely the methods and results of quantitative problem solving.	3
Outcome 2.4 - Formulate and test hypotheses using numerical experimentation.	3
Outcome 2.5 - Define quantitative issues and problems, gather relevant information, analyze that information, and present results.	3

Outcome 2.6 - Assess the validity of statistical conclusions.	3
Standard 3 - Information Retrieval and Technology.	
Access, evaluate, and utilize information effectively, ethically, and responsibly.	
Outcome 3.1 - Use print and electronic information technology ethically and responsibly.	3
Outcome 3.2 - Demonstrate knowledge of basic vocabulary, concepts, and operations of information retrieval and technology.	2
Outcome 3.3 - Recognize, identify, and define an information need.	1
Outcome 3.4 - Access and retrieve information through print and electronic media, evaluating the accuracy and authenticity of that information.	3
Outcome 3.5 - Create, manage, organize, and communicate information through electronic media.	3
Outcome 3.6 - Recognize changing technologies and make informed choices about their appropriateness and use.	2
Standard 4 - Oral Communication	
Practice ethical and responsible oral communications appropriately to a variety of audiences and purposes.	
Outcome 4.1 - Identify and analyze the audience and purpose of any intended communication.	1
Outcome 4.2 - Gather, evaluate, select, and organize information for the communication.	2
Outcome 4.3 - Use language, techniques, and strategies appropriate to the audience and occasion.	3
Outcome 4.4 - Speak clearly and confidently, using the voice, volume, tone, and articulation appropriate to the audience and occasion.	1
Outcome 4.5 - Summarize, analyze, and evaluate oral communications and ask coherent questions as needed.	1
Outcome 4.6 - Use competent oral expression to initiate and sustain discussions.	1
Standard 5 - Critical Thinking	
Apply critical thinking skills to effectively address the challenges and solve problems.	
Outcome 5.1 - Identify and state problems, issues, arguments, and questions contained in a body of information.	3
Outcome 5.2 - Identify and analyze assumptions and underlying points of view relating to an issue or problem.	3
Outcome 5.3 - Formulate research questions that require descriptive and explanatory analyses.	3
Outcome 5.4 - Recognize and understand multiple modes of inquiry, including investigative methods based on observation and analysis.	3
Outcome 5.5 - Evaluate a problem, distinguishing between relevant and irrelevant facts, opinions, assumptions, issues, values, and biases through the use of appropriate evidence.	3
Outcome 5.6 - Apply problem-solving techniques and skills, including the rules of logic and logical sequence.	3
Outcome 5.7 - Synthesize information from various sources, drawing appropriate conclusions.	3
Outcome 5.8 - Communicate clearly and concisely the methods and results of logical reasoning.	3
Outcome 5.9 - Reflect upon and evaluate their thought processes, value system, and world views in comparison to those of others.	2
Standard 6 - Creativity	
Able to express originality through a variety of forms.	
Outcome 6.1: Generate responses to problems and challenges through intuition and non-linear thinking.	1
Outcome 6.2: Explore diverse approaches to solving a problem or addressing a challenge.	1
Outcome 6.3: Sustain engagement in activities without a preconceived purpose.	1
Outcome 6.4: Apply creative principles to discover and express new ideas.	2
Outcome 6.5: Demonstrate the ability to trust and follow one's instincts in the absence of external direction	1
Outcome 6.6: Build upon or adapt the ideas of others to create novel expressions or new solutions.	3

33. Additional Information