

ORIGINATOR'S SECTION:

1. College: Arts & Sciences Desired Term: Fall and Year 2006 of implementation for change(s).

2. Current Course abbreviation and Number: HD 497

TYPE OF CHANGE(S). Check all that apply.

Course Number Change	<input type="checkbox"/>	Delete Prerequisite	<input type="checkbox"/>	Other Prerequisite Change	<input type="checkbox"/>
Course Title Change	<input type="checkbox"/>	Add Corequisite	<input type="checkbox"/>	Grading Method Change	<input type="checkbox"/>
Unit Value Change	<input checked="" type="checkbox"/>	Delete Corequisite	<input type="checkbox"/>	Mode of Instruction Change (C/S Number)	<input checked="" type="checkbox"/>
Description Change	<input checked="" type="checkbox"/>	Add Consent for Enrollment	<input type="checkbox"/>	Consider for G.E. If yes, also fill out appropriate GE form.	<input type="checkbox"/>
Add Prerequisite	<input type="checkbox"/>	Delete Consent for Enrollment	<input type="checkbox"/>	Cross-list	<input type="checkbox"/>

Information in this section- both current and new - is required only for items checked () above.

NEW INFORMATION:

CURRENT INFORMATION:

3. Title: <u>Applied Research in Human Development</u>	Course abbreviation and Number: Title: <i>(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)</i>
4. Abbreviated Title for Banner <i>(no more than 25 characters):</i>	Abbreviated Title for Banner: <i>(no more than 25 characters, including spaces)</i>
5. Number of Units: <u>3</u>	Number of Units: <u>4</u>
6. Catalog Description: Reviews the importance of theory, research objectives and various quantitative and qualitative methods. Students will be expected to participate in the development and implementation of an applied research study that they either initiate or is part of an ongoing research study. Through the class students will be exposed to data collection, data coding, data analysis and manuscript preparation. Prerequisites: Psyc 220 and Psyc 230.	Catalog Description: <i>(Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.)</i> Reviews the importance of theory, research objectives and various quantitative and qualitative methods. Students will be expected to participate in the development and implementation of an applied research study that they either initiate or is part of an ongoing research study. Students will be involved in data collection, data coding, data analysis and manuscript preparation. Three hours of lecture and two hours of laboratory. Prerequisites: Psyc 220 and Psyc 230.

7. Mode of Instruction* (See pages 17-23 at <http://www.calstate.edu/cim/data-elm-dlc/APDB-Transaction-DED-SectionV.pdf> for definitions of the Course Classification Numbers)

Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)
Lecture	3	C-2
Activity		
Lab		

8. Grading Method:*

Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)*

Normal Plus Report-in-Progress (NP) *(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)*

Credit/No Credit Only (C)

Credit/No Credit or Report-in-Progress Only (CP)

*If Originator is uncertain of this entry, please consult with Program Director/Chair.

CURRENT INFORMATION:

NEW INFORMATION:

9. If the NP or CP grading system was selected, please explain the need for this grade option.	
10. Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No _____ Faculty _____ Credential Analyst _____ Dean _____ Program/Department - Director/Chair	Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No _____ Faculty _____ Credential Analyst _____ Dean _____ Program/Department - Director/Chair
11. Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times _____ (including first offering)	Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times _____ (including first offering)
12. Is Course Cross-listed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course _____	Is Course Cross-listed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course _____ and check "yes" in item #17 below.
13. Prerequisite(s):	Prerequisite(s):
14. Corequisite(s):	Corequisite(s):
15. Documentation attached: <input type="checkbox"/> Syllabus or <input type="checkbox"/> Detailed Course Outline	

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:

(Mandatory information - all items in this section must be completed.)

16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments)? YES NO
 If yes, please specify: Required course in the Human Development major.

17. Does this course change impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Check "yes" if the course is cross-listed. Yes No
 If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Psychology	<u>Shan B. Starnell</u>	<u>5/3/06</u>	<input checked="" type="checkbox"/> Support	<input type="checkbox"/> Oppose
Discipline	Signature	Date		
Sociology	<u>Rudolf Spaw</u>	<u>8/25/06</u>	<input checked="" type="checkbox"/> Support	<input type="checkbox"/> Oppose
Discipline	Signature	Date		
Biological Sciences	<u>Denise Garcia</u>	<u>9-26-06</u>	<input checked="" type="checkbox"/> Support	<input type="checkbox"/> Oppose
Discipline	Signature	Date		
Health & Human Services	<u>Man. Elizabeth Ste...</u>	<u>10/5/06</u>	<input checked="" type="checkbox"/> Support	<input type="checkbox"/> Oppose
Discipline	Signature	Date		

18. Reason(s) for changing this course: New wording makes clear student participation in research. The laboratory time is necessary to help student accomplish independent research requiring specialized training in data collection instrument development, fielding of instruments, data coding, cleaning and analysis using SPSS.

SIGNATURES : (COLLEGE LEVEL) :

(UNIVERSITY LEVEL)

Fernando Soriano

1. Originator (Please Print) _____ Date _____

Fernando Soriano 10-10-06

2. Program Director/Chair _____ Date _____

M. Kent... 11-6-06

3. College Curriculum Committee _____ Date _____

[Signature] 11/7/06

4. College Dean (or Designee) _____ Date _____

5. UCC Committee Chair _____ Date _____

6. Vice President for Academic Affairs (or Designee) _____ Date _____

7. President (or Designee) _____ Date _____

California State University San Marcos
Course Syllabus
HD 497: Applied Research in Human Development
Fall 2006, 3 Units
CRN: 41261; MW 1:00-2:15, UH237

Professor: Elizabeth Bigham, Ph.D., X: 4903
Office Hours: Monday 10:30-11:30am and Tuesday 9:15-10:15am
Mail Box: Craven Hall, 6th Floor
Office: Craven 6238; **Email:** ebigham@csusm.edu

Course Overview and Objectives: The goal of this class is to expose students majoring in human development to applied research related to the field of human development. This includes reviewing various primarily quantitative and some qualitative research methods used in the field. The specific course objectives are: (1) To review quantitative and qualitative methods used in the field of human development, (2) to engage students in utilizing these methods on a topic or topics in the field of human development, and (3) to help students to learn to analyze, document and report study findings.

This course is a “hands-on” course that will provide students an opportunity to be engaged in various aspects of applied research in human development. The course is divided into two parts: A didactic part (i.e., lecture/discussion portion) and a fieldwork segment. Students will be exposed to basic knowledge about applied research, which will include learning about the importance of theory, developing research objectives, selecting appropriate study methodologies, developing data collection instruments, constructing a sampling plan, fielding data collection instruments, conducting appropriate analyses, interpreting and reporting the findings. In the applied portion of the class, students will undertake a quantitative study on a particular topic relevant to human development that either they initiate or is part of an on-going research study.

Readings:

DePoy, E., and Gitlin, L.N. (2005). *Introduction to Research: Understanding and Applying Multiple Strategies (3rd ed.)*. St. Louis, MO: Elsevier Mosby Press.

Additionally, a minimum of 10 other readings (published academic articles, books or chapters as part of your literature review and used as references).

Course Schedule and Reading Assignments: The schedule is attached and subject to change.

Prerequisites: The prerequisites for this course include completion of Statistics (PSYC 220) and Research Methods (PSYC 230).

Class Products and Requirements: The end product of the class will be a *final research paper and poster* that will be based on research that you undertake using data you collect for this class (not projects that you are participating in, or have participated in, outside of this class).

Internet Work:

1. Check WebCT *often* during the course for announcements, assignments, grades, etc.
2. The Finding Measures presentation gives you guidance on finding instruments to measure your variables. The presentation is approximately 10 minutes and should be viewed as indicated on the course calendar. The link is in WebCT.

3. The SPSS Modules 1-6 vary in length from 13 to 32 minutes each. These can be completed at any time before our scheduled lab days. The links are in WebCT.

Homework: Because of the nature of this course, students will be expected to complete their assignments on time. The HD Program Student Handbook recommends that you allow 2 – 3 hours of time for homework for every 1 hour of class time.

Collecting Data from Subjects: You will collect data from a minimum of 100 individuals who are 18 years or older for your project. Do not collect any data until I have stamped your measure. Students will work in groups to obtain articles, develop a measure, and collect data. Keep all informed consents and data collection instruments as you will turn them in with your final paper.

Academic Honesty and Integrity: Students will be expected to adhere to standards of academic honesty and integrity, as outlined in the Student Academic Honesty Policy. All assignments must be original work created by you, clear and error-free. All ideas/material that are borrowed from other sources must have appropriate references to the original sources. Any quoted material should give credit to the source and be punctuated accordingly. Your course catalog details the ethical standards and penalties for infractions. The instructor reserves the right to discipline any student for academic dishonesty, in accordance with the general rules and regulations of the university. Disciplinary action may include the lowering of grades and/or the assignment of a failing grade for an exam, assignment, or the class as a whole.

Students with Disabilities: Students with disabilities who are requesting accommodations for this course should notify me as soon as possible.

Course ID Number: You will need to create a 9-digit number to use as your course id for this class. You will use this ID, in addition to your name, on all scantrons (this course uses red scantrons).

Graded Course Requirements:

Topic Worksheet -

The Topic Worksheet (TW) is started early in the semester. It is then added to and attached to each SECTION before turning it in.

- Topic Worksheet 20 pts.
- Updated and attached to Intro/Background 20 pts.
- Updated and attached to Methods Section 20 pts.
- Updated and attached to Results Section 20 pts.
- Updated and attached to Discussion Section 20 pts.

Sections –

All submitted work should be double spaced. Late submissions will be decreased by 10 percent for each class session passed. Guidelines for SECTIONS are on WebCT.

- Intro/Background Section 100 pts.
- Methods Section 100 pts.
- Results Section 100 pts.
- Discussion Section 100 pts.

Peer Reviews -

Each time a SECTION is due, a peer review session will be held (at the assigned class

meeting only). Students will review another student's SECTION and give written feedback. Good reviews propose changes where needed, focus on typos, grammar, and comprehension when needed, and help the writer work toward a clear and concise SECTION. Peer Review forms for each SECTION can be viewed on WebCT. Keep these reviews as you will turn them in with your final paper.

- Topic Worksheet Peer Review 20 pts.
- Intro/Background Section Peer Review 20 pts.
- Methods Section Peer Review 20 pts.
- Results Section Peer Review 20 pts.
- Discussion Section Peer Review 20 pts.

Human Subjects Online-Guided Training Certificate (HSC)- 100 pts.

This is a web-based training on the use of humans in research which will help you to increase your familiarity with the issues, laws and requirements for conducting research with human subjects. The training will award you a certificate of completion that you need to print out and turn in. Go to: <http://cme.nci.nih.gov/> then select Human Participant Protections Education for Research Teams. More information on WebCT.

Exams - up to 600 pts.

There will be three exams to test your knowledge of the readings, lectures, and other course material up to the date of the exam. Use red scantrons with course ID and name.

Final Paper - 800 pts.

The final paper is the culmination of the class and, as such, it is a large part of your final grade. If you get a low grade on your final paper it is possible to get a poor grade in the class even when you accomplished all previous assignments and passed exams. The feedback you get from peers is meant to help you, but you should not rely on the feedback alone. You need to follow the instructions and make sure your paper is clear. Your paper will be graded using the criteria on the peer review forms as well as the following criteria: (1) Appropriate use of APA style of writing, (2) adequate coverage of topic, including having requisite number of references, (3) appropriateness of study method chosen, which is well described, (4) selection and use of appropriate analyses to arrive at clear and well described results, and (5) meaningful discussion with good conclusions and study implications, as well as mention of strengths and weaknesses of the study.

Participation - 450 pts.

Your attendance, participation, and attitude demonstrate your investment in the course (read the assigned chapters before class). Students are expected to attend all class sessions (arrive/leave on time), contribute to class discussion, and participate in collaborative learning. An "A" grade for this course can be achieved only if attendance remains above 85%. Attendance that falls below 75% may result in a grade no higher than C for the course and/or being dropped from the course.

Total Points up to 2550 pts.

Grade Breakdown

A	93-100%	A-	90-92%		
B+	88-89%	B	83-87%	B-	80-82%
C+	78-79%	C	73-77%	C-	70-72%

D+ 68-69% D 63-67% D- 60-62% F 59% or Less

Outline for Final Paper

Title Your paper title should be descriptive of the exact topic chosen.

Abstract (approximately 120 words)

Introduction/Background (6-7 pages)

Introduction:

Introduction of Topic and Emphasis on Importance
Argument for the need for information that the study will provide
Briefly present the need for additional information.

Background:

Literature review portion of paper
Presentation of any previous studies done on the topic
What is it that we don't know that the study will provide info on?
Reiterate the need for the study.
Again, present the study and objectives, especially hypotheses.

Methods (3-5 pages)

Subtitled Sections:

Sample

Study Key Questions and Hypotheses

Measures

Procedures

Data Analysis

(Include Informed Consent Form & Survey here when you turn in your SECTION but put it in the Appendix for your final paper.)

Results (3-5 pages)

Subtitled Sections:

Sample

General Results Related to the Study

Hypothesis One: [List hypothesis]

Hypothesis Two: [List hypothesis]

...and so forth

Other Relevant Findings

Conclusion/Summary

(Include at least one Table and one Figure)

Discussion (3-5 pages)

Introductory Paragraph Reiterating Importance of Topic

Highlights of Findings, Linking Them to Material in Introduction/Background

Conclusion and Implications of Findings

Acknowledged Limitations of Findings (Weaknesses and Strengths of the Study)

Areas of Need for Further Study

References

Appendix (Consent Forms and Measures)

Date -MW- Class	Topic (Please note locations of class meetings for library and labs)	Read Chapter Before Class	Due at the beginning of class
8/28	Introduction to Course	1	
30	Discuss Main Topic Areas and HSC	2	
9/6	Explore Topics	3	
11	Discuss Proposals	4	HSC
13	Peer Review <i>(Next meeting in Library verify location)</i>	5	Topic Worksheet (TW) (bring 5 copies)
18	<i>Kellogg Library</i>		
20	Theory	6	
25	Formulating Questions	7	
27	Exam 1		
10/2	Language & Thinking Processes	8	
4	Peer Review Discuss YM Finding Measures		Introduction & TW (bring 5 copies)
9	Designs	9	
11	Boundaries & Discuss Consent Forms	12	
16	Measures	13	Bring a draft measure
18	Measures	15	
23	Exam 2		
	Do not make copies of your data collection instrument or informed consent (or collect data) until after I have stamped/approved your forms		
25	Measures	16	
30	Peer Review		Methods & TW (bring 5 copies)
11/1	Statistical Analysis	18	Modules 1, 2, & 3
6	Statistical Analysis, Intro to SPSS <i>(Next 4 meetings in LAB verify location)</i>	19	Modules 4, 5, or 6
8	Data Entry/Analysis <i>LAB</i>		Bring data sheets
13	Data Entry/Analysis <i>LAB</i>		Bring data sheets
15	Data Entry/Analysis <i>LAB</i>		Bring data sheets
20	Data Entry/Analysis <i>LAB</i>		Bring data sheets
22	Peer Review Groups-Common themes, questions		Results & TW (bring 5 copies)
27	Disseminating findings, Discuss Presentation Option on 12/5	22	
29	Peer Review Groups-Proposal for future studies		Discussion & TW (bring 5 copies)
12/4	APA Style, Cite/References, Fig/Tables		
-----	HD Conference		
6	Exam 3		

Finals Week 12/11-12/15	Check your course schedule for our time and place for Finals Week. Poster Presentations – Presented in groups by measure		Final Paper Due (1 hard copy package and 1 electronic version of the paper)
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