

SAN JOSE STATE UNIVERSITY
Division of Health Professions, HPRF 295 - 3 units
RESEARCH DESIGN AND METHODOLOGY
COURSE CALENDAR
Spring 2008

Class 1 – January 23

Complete information form and turn it in to instructors
Overview of course structure and requirements.
Research terminology and concepts.
Overview of research methodologies across the spectrum
Dr. Susan Murphy

Readings: DePoy & Gitlin: Chapters 1, 2, 3.

Seminar: Meet in small seminar groups for introductions, getting acquainted, etc.
Dr. Hollenbeck's seminar will meet in CCB 102; Dr. Murphy's in CB 129.

Class 2– January 30

From subject area to research question:
The literature review: Developing the context for your study.
Research questions: How to know what questions to ask.
APA; plagiarism issues and strategies to avoid plagiarism
Dr. Susan Murphy

Readings: DePoy & Gitlin: Introduction & Chapters 4, 5, 7.

Seminar: Discussion of interest areas and developing a literature review; APA.

Class 3 – February 6

CLASS WILL MEET PROMPTLY IN KING LIBRARY 213

*Here is where people, / One frequently finds, / Lower their voices /
And raise their minds. Richard Armour, author, on libraries (1906-1989)*

Introduction to (updated) CINAHL format and log-in procedure.
Strategies for searching scholarly literature, data bases, obtaining full text.
Students will be able to practice search strategies on their own topics.
Reference Librarian

Readings: DePoy & Gitlin: Chapter 5.
Use APA manual for Activity #1.

Seminar: No seminar tonight. Work on Activity #1 in library: Directions in syllabus

Class 4 – February 13

Research design: Quantitative methods
Experimental and quasi-experimental designs
Dr. Clarie Hollenbeck

Readings: DePoy/Gitlin: Chapters 8, 9, 11, 13 (23, 24 as applicable).
Campbell & Stanley (recommended for further in depth reading)

Seminar: **Turn in Activitiy #1**
Discuss research questions and lit review progress for proposals.

Class 5 – February 20

Research design: Non-experimental quantitative methods
Surveys, correlational and longitudinal designs, and
other non-experimental designs

Dr. Clarie Hollenbeck

Readings: DePoy/Gitlin: Chapters 8, 9, 11, 13.

Seminar: Students are encouraged to set up individual appointments over the next 2 weeks with their instructor, to discuss their research ideas and research questions.

Class 6 – February 27

Research design: Qualitative (Naturalistic) Research Methods.
Dr. Susan Murphy

Readings: DePoy & Gitlin: Chapters 8, 10, 14, 17, 20

Seminar: Activity #1 will be returned.
Introduction of Activity #2 (Classifications).
Powers & Knapp (recommended) will help with this activity
Assignment of Activity #3 (Critique).
Clarification of research classifications and definitions.
Assignment of Activity #3 (Critique). (Ref: DePoy & Gitlin: pp. 56-58)
If there is time:
Discussion of APA format: references, headings, common APA errors.

Class 7 – March 5

Sampling: Categories, definitions, examples, decisions.
Reliability; Validity: Internal and external
Dr. Clarie Hollenbeck

Readings: DePoy & Gitlin: Chapter 9, 11, 13, 16.

Seminar: **Turn in Activities #2 & #3.**

Discussion of Activity #4 (Topic Proposal)

If not covered last week:

Discussion of APA format: references, headings, common APA errors.

Class 8 – March 12

The practicalities of research:
Exactly what am I going to be doing?

Instruments, settings, recruitment, and protocols
Finding, selecting, and obtaining instruments (permission, translation)
Finding and recruiting subjects
Agencies: Obtaining permission and gaining entry

Research protocols
Dr. Susan Murphy

Readings: DePoy & Gitlin: Chapters 15, 17, 22.

Seminar: Instructors will return Activities #2 & #3 .

Discussion and feedback re: classifications & critiques.

Discussion of questions on Activity #4, Topic Proposal.

Discussion of instruments, protocols, permissions, recruitment, etc.

Class 9 – March 19

Meet in lecture room to divide into interdisciplinary groups.
Each student will present their research to a small group and receive feedback from their peers, and answer questions about their study.

Turn in Activity #4, Topic Proposal, to your seminar instructor.

March 26 – Spring Break -- No classes.

Class 10 – April 2

Survey Methods

Designing your own data collection tool, questionnaires,
interview guides

Dr. Clarie Hollenbeck

Readings: DePoy & Gitlin: Chapters 9, 16.
Instructor will identify sources for information related to survey methods

Seminar: Topic Proposal (Activity #4) will be returned tonight.
Overview of Activity #5, research proposal, from top to bottom.
Instructors will have copies of completed proposals available to view in class.

Class 11 – April 9

The relationship between theory and research

Models or frameworks commonly used to guide research within disciplines

Dr. Susan Murphy

Readings: DePoy & Gitlin: Chapters 3, 6

No Seminar tonight. Questions concerning the proposal can be answered in class.

Class 12 – April 16

NO CLASS TONIGHT

Please down-load IRB forms from this website and bring to class next week:

<http://www2.sjsu.edu/gradstudies/Research/irb.html>

Complete the NCI tutorial by going to the following website. Bring documentation of completion to your instructor.

<http://cme.cancer.gov/clinicaltrials/learning/humanparticipant-protections.asp>

Class 13 – April 23

Human Subjects Protection:

SJSU Institutional Review Board

Alena Filip, IRB and Graduate Thesis Coordinator

Readings: DePoy & Gitlin: 12

Seminar: Discussion of examples and differences in various consent forms.
Discussion of progress on proposal.

Due tonight: verification of completion of NCI tutorial on IRB.

Class 14 – April 30

Descriptive Statistics: Review and definitions

Inferential Statistics: How to know when to use what.

Clarification of statistical concepts as they relate to your own research

Dr. Clarie Hollenbeck

Readings: DePoy & Gitlin: Chapter: 16, 19
In seminar, we can address questions you may have regarding Activity #5 or the Final Exam.

Class 15 – May 7

Writing for Publication:

Shared wisdom from an author and a reviewer.

Dr. Susan Murphy

Getting Funded: Resources and Guidelines for Obtaining Funding

Dr. Clarie Hollenbeck

Readings: DePoy & Gitlin: Chapters 1, 21, 22.

Seminar: **Activity #5 (Research Proposal) due today.**
Please turn in your course feedback form from your syllabus.

May 14 - NO CLASS – STUDY DAY

Final Exam – May 21 - 5:15 PM - 7:30 PM

Proposals will be returned tonight.