

SAN JOSE STATE UNIVERSITY
Division of Health Professions, HPRF 295 - 3 units
RESEARCH DESIGN AND METHODOLOGY
COURSE CALENDAR
Fall 2009

Week 1 – August 26

Complete background information form and turn in to instructors
Overview of course structure and requirements.
Research terminology and concepts.
Overview of research methodologies across the spectrum
Dr. Edward Mamary

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

Seminar: Meet in small seminar groups for introductions, getting acquainted, etc.

Week 2 – September 2

From subject area to research question:
The literature review: Developing the context for your study.
Research questions: How to know what questions to ask.
Dr. Deepika Goyal

APA: plagiarism issues and strategies to avoid plagiarism
(in preparation for Activity #1, due in 2 weeks)

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

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

Week 3 – September 9

Meet in **KL213** for session on searching on line....
Review of log-in procedure for library, from home, for Interlibrary Loan
Strategies for searching scholarly literature, databases, obtaining full text.
Librarians Tina Peterson and Valeria Molteni

Readings: DePoy & Gitlin: Chapter 5. (Use APA manual in completing Activity #1.)

No Seminar: Work with instructors, as needed, for Activity #1. Directions in syllabus

Week 4– September 16

Research design: Quantitative methods
Experimental and quasi-experimental designs
Non-experimental quantitative methods: surveys, correlational,
longitudinal, and other quantitative designs.
Dr. Clarie Hollenbeck

Readings: **Activity #1 due tonight.**
DePoy/Gitlin: Chapters 8, 9, 11, 13, 23, 24.
Campbell & Stanley (recommended for further in depth reading)

Seminar: Discuss research questions and lit review progress for proposals.

Week 5 – September 23

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

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

Seminar: Clarify concepts of validity and reliability, and sampling
Discuss research ideas, research questions, library searches

Week 6 – September 30

Research Design: Qualitative (Naturalistic) research methods.
Susan McNiesh, PhD, RN
Lori Rodriguez, PhD, RN

Integrating Qualitative and Quantitative research
Dr. Edward Mamary

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

Combined Seminar:
Clarification of research classifications and definitions.
Clarification of Activity #2 (Classifications).
Powers & Knapp (recommended text) will help with this activity
Directions for Activity #3 (Critique).

Week 7 – October 7

Survey Methods

Designing your own data collection tool, questionnaires, translations,
interview guides

Dr. Clarie Hollenbeck

Readings: Instructor may identify other resources related to survey methods.
DePoy & Gitlin: Chapters 9, 16.

Seminar: **Turn in Activities #2 & #3 tonight.**
Discussion of APA format: references, headings, common APA errors.
Discussion of Activity #4 (Topic Proposal)

Week 8 – October 14

Community Based Participatory Research

Dr. Edward Mamary

Readings: DePoy & Gitlin: pp. 113-115.
Instructor may have additional readings to recommend.

Seminar: Discussion and feedback re: classifications & critiques.
Discussion of questions on Activity #4, Topic Proposal.

Week 9 – October 21

The relationship between theory and research: Introduction

Dr. Deepika Goyal, Nurs

Conceptual frameworks used to guide research within disciplines:

Health Science:

Dr. Edward Mamary, HS

Nursing & Nutrition:

Dr. Deepika Goyal, Nurs

Readings: DePoy & Gitlin: Chapters 3, 6

Seminar: Meet with instructor as needed to clarify theory for your proposal.

Week 10 – October 28

Descriptive Statistics: Review and definitions

Inferential Statistics: How to know when to use what.

Dr. Ed Mamary

Readings: DePoy & Gitlin: Chapters: 16, 19

Meet in lecture room to divide into interdisciplinary groups.

Each student will present their research proposal to a group of their peers, receive feedback, and answer questions.

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

Week 11 – November 4

The practicalities of research:

Exactly what am I going to be doing?

Instruments, settings, recruitment, and protocols:

Finding, selecting, & obtaining instruments (permission, translation)

Agencies: Obtaining permission and gaining entry

Research protocols

Dr. Deepika Goyal

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

Seminar: Activity #4 will be returned tonight.

Week 12 – November 11 **NO CLASS TONIGHT**

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

<http://www.sjsu.edu/gradstudies/irb/>

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

<http://phrp.nihtraining.com>

Week 13 – November 18

Human Subjects Protection:

SJSU Institutional Review Board

Alena Filip, IRB, Graduate Studies and Research

Readings: DePoy & Gitlin: Chapter 12, pp. 299-316.

Seminar: **Due tonight: Verification of completion of NCI tutorial on IRB.**

Overview of Activity #5, research proposal.
(ref. *Grantsmanship* for budget/timeline.)

Instructors will have examples of completed proposals available
to view in class.

Week 13 - November 25 -- NO CLASS: Thanksgiving holiday for evening classes

Week 14 - December 2

Writing for Publication: Shared perspectives from an author and a reviewer.
Dr. Edward Mamary

Getting Funded: Resources and Guidelines for Obtaining Funding
Dr. Clarie Hollenbeck

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

Seminar: Discussion: Preparing for final exam.
Activity #5 (Research Proposal) due today:
Submit your paper on line to turnitin.com
Give a paper copy to your instructor tonight.
Please turn in your course feedback form from your syllabus.

Final Exam - December 16 - 5:15 PM - 7:30 PM

Due to the one-week turn-around time, not all proposals will be returned
tonight. Students may need to either pick them up next week or provide a
stamped, self-addressed envelope to have proposal mailed to their home.