

January 9, 2015

PSY 3110-002: Research Methods in Psychology

Professor:	Dr. Yueh-Ting Lee
Class Time:	MW 12:00pm-1:40pm
Classroom:	University Hall 5150F
Office:	UH 5040C
Office Hours:	MW 11:00am-12:00pm by appointment
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COURSE OBJECTIVES

Research Methods in Psychology is part of the psychology core requirements. It is a fundamental and integral part of our psychology curriculum, as it focuses on experimental and correlational (or non-experimental) methodology, research design, data collection, statistical analysis, and research report

writing. This course will provide a foundation for students to analyze and interpret the research that forms the basis for their psychology area courses, and it will provide them with the tools and skills to

conduct their own research projects in their Advanced Research and Independent Study courses. This course also serves as an introduction to and survey of various data collection paradigms and equipment. In brief, students are expected to learn: a) research skills (e.g., how to design and how to run a study), b) computer/statistical data analysis skills; c) writing and communication skills (how to write and present your work psychologically) and other skills and professional ethics.

for Window by Colman & Pulford) **Homework1 on APA Style (due in the following class)**

01/28W Research Overview (SS ch 20, cf M ch 1, 2)
Online Video 1 on Understanding Research

02/02M **Lab 2 (Animals or Plants-Split Half) Individual consultation arrangement. What do you plan to do in your research? What is your interest?**
Homework 2: Online Video 2 on Research Ethics and the Power of Situation (by yourself) and one-page video review due by the next class

02/04 W Ethical Issues in Research (SS 2, cf. M ch 4 & M ch 5)
Lab 3 (or Field learning): Finding Scientific Literature and Lab Experiments

02/09 M **Review & Catch-up: Literature Review and Library Research (SS ch 3, Cf M ch 6)**

You hand in the method section in which you identify your prediction(s)/hypothesis. How will you OPERATIONALLY define your IV and DV? How will you do your study (including your specific measures and specific research procedure/materials)? Please

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