

**Campbell University**

**Camp Lejeune Campus**

**Course Syllabus**

**Research Methods**

**Psy 330**

**Spring 2012**

**January - March, 2012**

Tuesday / Thursday 7:00 – 10:15pm

**Instructor:** Ed Piper, Ph.D. Clinical Psychology

**Office phone:** 577-4767(w); 455-6942(h); **e-mail:** epiper@ec.rr.com

**Office Location:** 241 New River Drive, Jacksonville, NC.

**Text :** Research methods in psychology, Eighth Edition. by  
Elmes et al 2006.

**Disabilities:**

Students with documented disabilities who desire modifications or accommodations should contact the Office of Student Support Services at 1-800-334-4111 or by visiting their local extended campus site academic coordinator.

**Integrity Statement:**

All students are subject to the academic integrity and behavioral expectations of Campbell University.

**Course Description:**

**This course is related to Campbell University's purpose of preparing students to become change agents in a dynamic society with cultural diversity.**

This course is a theoretical and practical application of the basics of scientific investigation, including the philosophy of science as it is related to the social sciences to include sociology and psychology. The approach is a theoretical overview of the nature of scientific inquiry and the use of statistics in a format that provides a foundation to conduct scientific research.

**Course Content:**

This course introduces the student to the basics of scientific investigation and the techniques of scientific investigation for sociology and psychology. Research methods and statistical methods will be explored to allow for the practical application in a scientific investigation as part of the course. The techniques and format for writing a scientific research paper and analysis of published research will be explored along with APA guidelines.

**Course Requirements:**

The student will be responsible for the material in the assigned chapters, as well as the material presented during class sessions. Tests will include material during class sessions and from assigned readings.

A midterm and a final test will be given along with a required research paper due during the second quarter. Guidelines and format for the research paper will be provided during class sessions.

**Evaluations / Research Paper / Class Participation / Grading:**

The student's grade will be determined by scores on a midterm and a final along with a research paper and class participation. The two tests and the research paper will each contribute to the final Grade

(Midterm = 25%; Final = 25%; & Paper = 50%) . Class participation contributes to the final grade. Make up tests will be coordinated with the instructor.

**Grading Scale: 90-100 = A; 80-89= B; 70-79 = C**

**60-69 = D; Below 60 = F**

**Attendance:**

Regular class attendance is required. It is the student's responsibility to complete any work missed due to absence and tardiness.

**Course Objectives:**

1. Examine the basics of scientific investigation.
2. Learn the philosophy of the scientific method and its history.
3. Learn how to read and evaluate published scientific research.
4. Learn the techniques of research methods and design.
5. Learn descriptive and quantitative methods in research.
6. Learn the use of statistics and data analysis in research.
7. Examine the ethics in scientific research.
8. Learn how to write a scientific research paper.
9. Conduct and write an experimental research.
10. Learn APA style guidelines.

**Course Methodology / Materials:**

Teaching format - lecture / discussion; student participation

Research Lab time during scheduled class periods

Materials - course textbook; extensive use of erasable marker board

**NOTE:** This is both a didactic phase with theoretical aspects of research based on lectures and textbook review. The second phase is the practical phase with theoretical application of research methodology in the requirement of a research paper written in accordance with APA guidelines.

