



.Saint Louis University Madrid-Campus

COURSE SYLLABUS

COURSE N° AND TITLE: PSY- 442 Psychological Tests and Measurements
LECTURE ROOM: Padre Rubio Hall, room 3
DAYS & TIME: TR; 4:00pm - 5:15pm
CREDIT ALLOCATION: 3.0
SEMESTER AND YEAR: Fall 2013
PRE-REQUISITES: PSY-101
INSTRUCTOR: Eduardo Fernández-Cruz , Ph.D.
OFFICE HOURS: San Ignacio Hall, 3rd floor, office 13, T 10:30 - 11:30am
EMAIL: efernan6@slu.edu

COURSE DESCRIPTION AND OBJECTIVES:

Measurement is the bases of all sciences. Psychological tests and instruments measure observable behavior and unobservable attributes. We will learn the following:

- 1) What is a Psychological Test
- 2) Basic Concepts in Measurement, Scaling
- 3) The Importance of Individual Difference, Variability
- 4) Factor Analysis
- 5) Conceptual Basis of Validity and Reliability
- 6) Types of Response Biases and Test Bias
- 7) Specific categories of test (e.g.: Intelligence test, personality questionnaires, neuropsychological assessments, mood and anxiety assessments)

All of these theoretical and practical objectives will be oriented toward future professional development. The main objective is to make psychometrics accessible and attractive. Also I want to demonstrate the important aspects and features of the fundamental concepts of psychometrics. The coverage will be relatively nontechnical so that we can dedicate more time to the understanding of psychological measurements and of the importance of evaluation.

Student learning outcomes:

- 1) To have competence in searching for, identifying, and evaluating psychological tests.
- 2) To have the knowledge and skills to understand a scientific research study and psychological tests.
- 3) To have the ability to think critically about important psychological issues.
- 4) To have the ability to apply the concepts of psychometrics to different psychological issues.

Text: Furr, R.M. & Bacharach, V.R. (2008). Psychometrics. An Introduction. Sage Publications, Inc. London, UK.

Evaluation:

- Final Exam: 40%
- Midterm Exam: 20%
- Class Presentation (Work project): 20%
- Quizzes: 15 %
- Class Participation: 5%

- **Project:** Analyze a Validated Psychological Test
- **Presentation Dates:** December 3, 5, 10 & 12 2013.

SAINT LOUIS UNIVERSITY GRADE POLICY

A	94-100	4.0	High achievement and intellectual initiative
A-	90-93	3.7	Approaching high achievement
B+	87-89	3.3	Slightly higher than above average achievement
B	84-86	3.0	Above average achievement
B-	80-83	2.7	Approaching above average achievement
C+	77-79	2.3	Slightly higher than average achievement
C	74-76	2.0	Average achievement
C-	70-73	1.7	Below average achievement.
D	60-69	1.0	Inferior but passing achievement
F	<60	0.0	Failure
I			Incomplete
P/NP			Pass/No Pass
W			Withdrawal

Schedule and Reading Assignments:

- Week 1-2: Introduction (Chapter 1)
- Week 3-4 : Basic concepts in measurement, Scaling (Chapter 2)
- Week 5-6: The Importance of Individual difference, Variability (Chapter 3)
- Week 7-8: Factor Analysis (Chapter 4)
- Week 8-9: Reliability (Chapter 5-7)
- Week 10-11: Validity (Chapter 8-9)
- Week 11-12: Types of response biases and tests bias (Chapter 10-11)
- Week 13: Intelligence Tests and Neuropsychological tests, Personality tests, Mood and anxiety Assessments
- Week 14-15: Presentations

FALL 2013

SEPTEMBER		
Sunday	1	FL 13 New Student Arrival and University Housing Move-In Date
Monday	2	FL 13 New Student Welcome Sessions
Tuesday	3	Fall 2013 First Day of Classes
Tuesday	17	Last Day to Drop a Class Without a Grade of W and/or Add a Class
Wednesday	18	Application Deadline for Fall Semester Degree Candidates
Friday	27	No Classes
OCTOBER		
Wednesday	2	Last Day to Choose Audit (AU) or Pass/No Pass (P/NP) Options
Friday	4	Exams for MATH-96, 120, 132, 141, 142, 143 & 244 (14:00-16:00)
Tuesday	15	Last Day to Submit Transfer Application for Spring Semester
Tuesday	22	Professors' Deadlines to Submit Midterm Grades
NOVEMBER		
Friday	1	<i>Día de Todos los Santos</i> Holiday (University Closed)
Monday	4	Last Day to Drop a Class and Receive a Grade of W
Thursday	7	Registration for Spring Semester begins
Friday	15	Exams for MATH-96, 120, 132, 141, 142, 143 & 244 (14:00-16:00)
DECEMBER		
Friday	6	<i>Día de la Constitución Española</i> Holiday (University Closed)
Friday	13	FL 13 Final Day of Classes
Monday-Friday	16-20	FL 13 Final Exams
Wednesday	18	Mid-Year Commencement
Saturday	21	FL 13 University Housing Move-Out Date
Monday	23	Professors' Deadline to Submit FL 13 Final Grades

MIDTERM

October 17th 2013 at 4:00 pm

FINAL EXAM:

December 20TH 2013 at 3:30pm

Midterm and the Final Examination: There will be **one midterm** and **one final examination**. The material on the midterm and final examination may be taken from your textbook, lecture notes and/or handouts in class, problems worked in class, quizzes and/or homework assignments.

COURSE POLICIES:

- If you absolutely must miss a class, it is your responsibility to get all information and material covered from your fellow students. I highly recommend that you make sure that you can get notes, etc. from at least two fellow students. If you miss class for an illness, you must a) notify the professor as soon as physically possible, or you can ask Student Life to notify the professor if you are too sick to do it by yourself; b) show the professor a doctor's note that covers the dates of the absences; and c) make up any missed work.
- Written assignments are due as specified. I will deduct two percentage points from the final grade of the paper.
- Students who legitimately miss an exam, due to a doctor's visit or family emergency must provide written documentation of the circumstances, and will be allowed to take a make-up exam. Exams that are missed illegitimately result in a score of F. Grades for these students will be based on the remaining exams. Missing more than one exam will result in an F final grade.
- Students who have been diagnosed with a learning disability, physical disability, or psychological disability will be provided with reasonable accommodations as recommended by the University Disabilities-Related Services Counselor. Students should report directly to the University Disabilities-Related Services Counselor for assistance, and provide diagnostic documentation of their disability and their schedule of classes. This should be done as soon as possible so that accommodations may be provided in a timely manner. Students who have not been previously diagnosed may contact the Counselor for consultation.

Special Requirements Statement

In recognition that people learn in a variety of ways and that learning is influenced by multiple factors (e.g., prior experience, study skills, learning disability), resources to support student success are available on campus. Students who think they might benefit from these resources can find out more about:

Course-level support (e.g., faculty member, departmental resources, etc.) by asking your course instructor.

University-level support (e.g., tutoring/writing services, Disability Services) by visiting the Academic Dean's Office (San Ignacio Hall) or by going to http://spain.slu.edu/academics/learning_resources.html.

Students who believe that, due to a disability, they could benefit from academic accommodations are encouraged to contact Disability Services at [+34 915 54 58 58, ext.](tel:+34915545858)

204, send an e-mail to counselingcenter-madrid@slu.edu, or to visit the Counseling Office (San Ignacio Hall). Confidentiality will be observed in all inquiries. Course instructors support student accommodation requests when an approved letter from Disability Services has been received and when students discuss these accommodations with the instructor after receipt of the approved letter.

Academic Honesty Policy Statement

The University is a community of learning, whose effectiveness requires an environment of mutual trust and integrity, such as would be expected at a Jesuit, Catholic institution. As members of this community, students, faculty, and staff members share the responsibility to maintain this environment. Academic dishonesty violates it. Although not all forms of academic dishonesty can be listed here, it can be said in general that soliciting, receiving, or providing any unauthorized assistance in the completion of any work submitted toward academic credit is dishonest. It not only violates the mutual trust necessary between faculty and students but also undermines the validity of the University's evaluation of students and takes unfair advantage of fellow students. Further, it is the responsibility of any student who observes such dishonest conduct to call it to the attention of a faculty member or administrator.

Examples of academic dishonesty would be copying from another student, copying from a book or class notes during a closed-book exam, submitting materials authored by or editorially revised by another person but presented as the student's own work, copying a passage or text directly from a published source without appropriately citing or recognizing that source, taking a test or doing an assignment or other academic work for another student, tampering with another student's work, securing or supplying in advance a copy of an examination without the knowledge or consent of the instructor, and colluding with another student or students to engage in an act of academic dishonesty.

Where there is clear indication of such dishonesty, a faculty member or administrator has the responsibility to apply appropriate sanctions. Investigations of violations will be conducted in accord with standards and procedures of the school or college through which the course or research is offered. Recommendations of sanctions to be imposed will be made to the dean of the school or college in which the student is enrolled. Possible sanctions for a violation of academic integrity include, but are not limited to, disciplinary probation, suspension, and dismissal from the University. The complete SLU Academic Honesty Policy can be found at the following link:

http://spain.slu.edu/academics/academic_advising/docs/Academic_integrity.pdf