

California State University, San Marcos – Spring 2018 Syllabus  <b>PSYC 402: Psychological Testing</b> Section 04 - CRN 22665 – Tu/Th 4:00pm – 5:50pm – SBSB 2107  Website: <a href="http://csusm.diehr.com/psyc402">http://csusm.diehr.com/psyc402</a>  Prerequisites: PSYC 100 (Intro), 220 (Stats), 230 (Methods), and one advanced Lab (390 thru 396) must be completed with a grade of C (2.0) or higher.	Dr. Michael Diehr <a href="mailto:mdiehr@csusm.edu">mdiehr@csusm.edu</a> Phone: 760-566-6842  Office Hours: SBSB 3236 Tu/Th 2:30p-3:45p Tu/Th 6:30p-7:00p
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**SCHEDULE:** *Subject to change - check your CSUSM email and the course website regularly for updates.*

Wk	Dates	Topic	Reading	Exam/Assignment
1	Tu Jan 23	Introduction	K01	
	Th Jan 25	Introduction	K01 G01-02	
2	Tu Jan 30	Statistics & Norms	K02 G01-02	Exercise 1: Basic Stats
	Th Feb 01	Statistics & Norms	K02	
3	Tu Feb 06	Statistics & Norms	K02	
	Th Feb 08	Correlation & Linear Regression	K03*	
4	Tu Feb 13	Correlation & Linear Regression	K03*	Exercise 2: GraphPad Prism
	Th Feb 15	Correlation & Linear Regression	K03*	Review for Midterm
5	Tu Feb 20	<b>Exam 1</b>		<b>Exam: K01, K02, K03, G01, G02</b>
	Th Feb 22	Reliability	K04	
6	Tu Feb 27	Validity	K05	
	Th Mar 01	Validity	K05	Exercise 3: Literature Search
7	Tu Mar 06	Test Development	K06	
	Th Mar 08	Test Development	K06	Exercise 4: Take SII (online)
8	Tu Mar 13	Test Administration	K07	Review for Midterm
	Th Mar 15	<b>Exam 2</b>		<b>Exam: K04, K05, K06, K07</b>
9	Tu Mar 20	<b>SPRING BREAK</b>		
	Th Mar 22	<b>SPRING BREAK</b>		
10	Tu Mar 27	<i>Guest Speaker – Heather Starr</i>	K16*	
	Th Mar 29	Clinical & Counseling Testing	K13	Exercise 5: NEO-FFI (in class)
11	Tu Apr 03	Clinical & Counseling Testing	K13	
	Th Apr 05	Clinical & Counseling Testing	K13	<b>Research Proposal Due</b>
12	Tu Apr 10	Intelligence	K09* G05*	Exercise 6: Survey (online)
	Th Apr 12	Intelligence	K09* G05*	
13	Tu Apr 17	Intelligence – WAIS	K10	
	Th Apr 19	Intelligence – Controversy	K19	
14	Tu Apr 24	Intelligence – Controversy	K19 G05**	
	Th Apr 26	Intelligence – Controversy	K19 G05***	
15	Tu May 01	Projective Testing	K14	
	Th May 03	Review & Writing Workshop		<b>Research Paper Due</b>
16	Tu May 08	Neuropsychological Assessment	K17*	
	Th May 10	Computerized Assessment	K15	Review for Final
17	Tu May 15	<b>Final Exam – Tuesday 6:15p</b>		<i>Topics: see study guide</i>

(\*) Notes about Reading Assignments: *Unless otherwise specified, read the entire chapter.*

K = Kaplan & Saccuzzo (2018) Psychological Testing

Ch 3: skip pages 87-97 (Multivariate Analysis)

Ch 16: read 427-433 (Strong scales)

Ch 9: skip 231-238 (Early Binet Scales)

Ch 17: read 444-463 (Neuropsychology)

G = Gould, S. (1996) The Mismeasure of Man

Ch 5: \* 176-188 \*\* 252-263 \*\*\* 367-390 (Critique of the Bell Curve)

**Required:**

Kaplan & Saccuzzo (2018) Psychological Testing: Principles, Applications, and Issues. 9th Edition. Thompson. ISBN 9781337098137.

**Recommended:**

Gould, S. (1996) The Mismeasure of Man, Norton, ISBN 0393314251 (selected chapters on e-reserve).

**Recommended:**

APA. (2009) Publication Manual of the American Psychological Association 6<sup>th</sup> Ed. ISBN 9781433805615

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## Overview of the Course

Psychological Testing and Assessment are the sub-fields of psychology concerned with accurate measurement and quantification of the human psyche. This course will cover in depth the fundamentals of statistics, reliability, validity, norms, and test development, and will briefly survey most of the major forms of tests in use today, such as personality, cognitive, neuropsychological, educational, and vocational tests. We will focus on the controversy of IQ measurement and genetic determinism. This is a 4-unit course with an expectation that students will spend 8-12 hours per week on coursework outside of class.

## Course Format:

Class sessions will consist of Lecture, Group Discussion, and occasional in-class and online Exercises. You are expected to complete all readings *before* class in preparation. There will be three exams (multiple choice, closed notes) and one research paper. The research paper will be submitted in two parts (Proposal: 20 points, Paper: 80 points) and serves to meet the CSUSM writing requirement of 2500 words.

## Components & Grading

The class will include these major components:

Item	Points
Exam 1	100
Exam 2	100
Final Exam	100
Research Paper (proposal 20, paper 80)	100
Exercises (in class, online & take-home)	60
Attendance & Participation	40
Make-up assignment (optional, 10 points)	
<b>Total</b>	<b>500</b>

The course is graded using a traditional grading curve, in which 93% or above is an A. If necessary, the curve may be adjusted at the instructor's discretion. Plus and Minus grades (e.g. A-, B+) are given. Feedback on your current point total and estimated grade will be provided regularly via email. Optional make-up assignment(s) worth up to 10 points will be given.

## Resources

Website: <http://csusm.diehr.com/psyc402>

Email: Checking your CSUSM email regularly is a requirement.

Office Hours: See above. No need to make an appointment, just stop by.

Phone: During office hours I will answer. Leave voicemail if necessary. (Email is better).

## Policy

### Attendance

Attendance and class participation are expected and count towards your grade: Every student may have up to two unexcused absences without penalty. Starting with the 3<sup>rd</sup> unexcused absence there will be a 10 point penalty per absence. *Students who have any absences in the first two weeks may be dropped from the course to make room for a student on the waitlist.*

### Excused Absences

Death, serious illness or injury to student or immediate family member, with adequate documentation (doctor's note, police report, or note from the Dean's office) may be considered excused at instructor's discretion. Pre-arranged absences for religious, government or university-sanctioned reasons must be arranged with instructor *at least one week in advance*. When an absence is excused, instructor will either accept late work without penalty or allow an alternative assignment.

### Late Assignments

Instructor may, in some circumstances, accept late work. Late assignments will incur a one-letter-grade deduction per missed class session. If you arrive late, *while a quiz is in progress*, you may be allowed to take the quiz in the time remaining, but will incur a one-letter-grade penalty.

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### Students with Disabilities

In compliance with federal ADA laws: If you have a need for any in-class accommodations, special test-taking arrangements, or help accessing any class materials because of a verified physical, cognitive, or perceptual limitation, please talk to the disabled student's office first then contact me during the first two weeks of class.

### Academic Honesty

Cheating or plagiarism (presenting the words or ideas of others as your own) or falsification of data will result in failure of the assignment, possible failure of the course, and notification of the offense to the University. Students are expected to abide by the CSUSM Student Academic Honesty Policy; the instructor will abide by the procedures for reporting violations. Details: [http://www.csusm.edu/policies/active/documents/academic\\_honesty.html](http://www.csusm.edu/policies/active/documents/academic_honesty.html) Please refer to the APA Style Manual for instructions on how to cite your sources.

### Recordings

Students may not make audio or video recordings in this class except in accordance with ADA accommodations or with explicit permission of the instructor. Any recordings made are for the student's personal academic use only and may not be distributed in any manner.

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## **Course Catalog Description**

PSYC 402 (4) Psychological Testing – Principles and practices of group and individual testing in aptitude, intelligence, interest, and personality. Theory, construction, evaluation, interpretation, uses, and limits of psychological tests. Reliability, validity, item analysis, norms, and test construction and selection. Ethical, sociocultural, and gender issues in testing. Prerequisites: PSYC 100, 220, and 230 and one upper-division PSYC lab course must be completed with a grade of C (2.0) or better.

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## **Program Student Learning Outcomes (SLOs) – Psychology 402**

### *For Psychology Majors*

PSLO1: Describe the major concepts theories, empirical findings, historical trends in psychology and their application to behavioral and mental processes. PSLO2: Describe the scientific approach to psychology and apply basic research methods in psychology, including research design, quantitative analysis, interpretation, and reporting in APA format. PSLO3: Apply creative and critical thinking and employ skeptical inquiry to addressing issues and solving problems related to psychological phenomenon.

### *Specific Targets*

To meet these SLOs: students will review the history of psychological testing, applying their understanding to creating a novel test instrument which will be evaluated for its psychometric properties such as reliability, validity, etc. Students will document these results in an APA-format research paper. Skepticism will be emphasized by reviewing the limitations of psychological testing from both a technical (psychometric) viewpoint as well as a historical / sociocultural approach. Issues pertaining to IQ testing and the law will be a focus for applying critical thinking skills.

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End of Syllabus.