

California State University, San Marcos – Spring 2019 Syllabus  <b>PSYC 402: Psychological Testing</b> Section 02 - CRN 21900 – Tu/Th 7:00pm - 8:50pm – SBSB 1101 Section 03 - CRN 21901 – Tu/Th 3:00pm - 4:50pm – SBSB 2107  Website: <a href="https://csusm.diehr.com/psyc402">https://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 4:45pm-5:15pm Tu/Th 6:30pm-7:00pm  Teaching Assistant: Mariya Malone <a href="mailto:malon030@cougars.csusm.edu">malon030@cougars.csusm.edu</a>
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**SCHEDULE:** *Subject to change – please check your CSUSM email and the course website regularly for updates.*

Wk	Dates	Topic	Reading	Exam/Assignment
1	Tu Jan 22	Introduction	K01	
	Th Jan 24	Introduction	K01 G01-02	
2	Tu Jan 29	Statistics & Norms	K02 G01-02	Exercise 1: Basic Stats
	Th Jan 31	Statistics & Norms	K02 G01-02	
3	Tu Feb 05	Statistics & Norms	K02	Quiz 1
	Th Feb 07	Correlation & Linear Regression	K03*	
4	Tu Feb 12	Correlation & Linear Regression	K03*	Exercise 2: GraphPad Prism
	Th Feb 14	Correlation & Linear Regression	K03*	Review for Midterm
5	Tu Feb 19	<b>Exam 1</b>		<b>Exam: K01, K02, K03, G01, G02</b>
	Th Feb 21	Reliability	K04	
6	Tu Feb 26	Validity	K05	
	Th Feb 28	Validity	K05	Exercise 3: Literature Search
7	Tu Mar 05	Test Development	K06	
	Th Mar 07	Test Development	K06	Exercise 4: Take SII (online)
8	Tu Mar 12	Test Administration	K07	
	Th Mar 14	Test Administration	K07	Review for Midterm
9	Tu Mar 19	<b>Exam 2</b>		Exam: K04, K05, K06, K07
	Th Mar 21	<i>Guest Speaker from Career Center</i>	K16*	
10	Tu Mar 26	Clinical & Counseling Testing	K13	Exercise 5: NEO-FFI (in class)
	Th Mar 28	Clinical & Counseling Testing	K13	<b>Research Proposal Due</b>
11	Tu Apr 02	<b>SPRING BREAK</b>		
	Th Apr 04	<b>SPRING BREAK</b>		
12	Tu Apr 09	Intelligence	K09* G05*	Quiz 2, Exercise 6: (online)
	Th Apr 11	Intelligence	K09* G05*	
13	Tu Apr 16	Intelligence – WAIS	K10	
	Th Apr 18	Intelligence – Controversy	K19 G05**	
14	Tu Apr 23	Intelligence – Controversy	K19	Quiz 3
	Th Apr 25	Intelligence – Controversy	K19 G08***	Quiz 3
15	Tu Apr 30	Projective Testing	K14	
	Th May 02	Review & Writing Workshop		<b>Research Paper Due</b>
16	Tu May 07	Neuropsychological Assessment	K17*	
	Th May 09	Computerized Assessment	K15	Review for Final
17	Sa May 11	<b>Final Exam</b> Section 02 Saturday 1:45pm		Topics: see study guide
	Tu May 14	<b>Final Exam</b> Section 03 Tuesday 4:00pm		

(\*) 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 9: skip 231-238 (Early Binet Scales)

\* Ch 16: read 427-433 (Strong scales)

\* Ch 17: read 444-463 (Neuropsychology)

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

\* Ch 5 (Alfred Binet, p 176-188)

\*\* Ch 5 (Goddard, p 188-204)

\*\*\* Ch 8 (Critique of the Bell Curve, p 367-378)

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## Overview of the Course

Psychological Testing and Assessment are the 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.*

## Textbooks

<u>Required:</u>	Kaplan & Saccuzzo (2018) Psychological Testing: Principles, Applications, and Issues. 9th Edition. Thompson. ISBN 9781337098137.
<u>Required:</u>	Gould, S. (1996) The Mismeasure of Man, Norton, ISBN 0393314251.
<u>Recommended:</u>	APA. (2009) Publication Manual of the American Psychological Association 6 <sup>th</sup> Ed. ISBN 9781433805615

## Resources

<u>Website:</u>	<a href="https://csusm.diehr.com/psyc402">https://csusm.diehr.com/psyc402</a>
<u>Email:</u>	Checking your CSUSM email regularly is a requirement.
<u>Office Hours:</u>	See above. No need to make an appointment, just stop by.
<u>Phone:</u>	<i>During office hours I will answer. Leave voicemail if necessary. (Email is better).</i>

## Course Format:

Class will consist of lecture, discussions, and in-class exercises. Please complete readings *before* class in preparation for lectures and quizzes. There will be three exams (multiple choice, closed notes). The research proposal and research paper meet the CSUSM writing requirement of 2500+ words.

## Grading

Item	Points
Midterm Exam 1	100
Midterm Exam 2	100
Final Exam	100
Research Paper (proposal 50, paper 100)	150
Exercises (in class & take-home)	30
Quizzes (in class)	30
Attendance & Participation	40
Make-up assignment (optional, 10 points)	
<b>Total</b>	<b>450</b>

### Exams

There are 3 exams and your lowest exam score will be dropped. This means:

- If you miss or fail a Midterm, you can still pass the class if you do well on the Final.
- If you do well on both Midterms and are satisfied with your grade, you could skip the Final.

### Points and Grades

Grades are on a traditional grading curve (70% = "C" ... 93% = "A"). The curve will be adjusted at the instructor's discretion. Plus and Minus grades (e.g. A-, B+) are given. You will receive frequent email updates with your estimated grade. An optional 10 point make-up assignment will be available.

## Policy

### Attendance

Attendance and class participation are expected and count towards your grade: You get two unexcused absences without penalty. Starting with the 3<sup>rd</sup> unexcused absence is 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.*

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### 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, late work will be accepted without penalty and/or an alternative or make-up will be given.

### Late Assignments

Unexcused late assignments will incur a one-letter-grade deduction per missed class session. If you arrive late, *while a quiz is in progress*, you will be allowed to take the quiz with a 10% penalty.

### 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, meet with *Disability Support Services* first then contact me before week 2.

### 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. See

[https://www.csusm.edu/policies/active/documents/academic\\_honesty\\_policy.html](https://www.csusm.edu/policies/active/documents/academic_honesty_policy.html)

Please refer to the APA Style Manual for instructions on how to cite your sources.

### Recording

Students may not record or stream audio or video from this class except in accordance with ADA accommodations or with explicit permission of the instructor. If allowed, these 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.