

California State University, San Marcos – Fall 2021 Syllabus <i>NOTE: Hybrid in-person/online format due to the COVID-19 pandemic</i> PSYC 402: Psychological Testing Section 03 - CRN 42257 – Tu/Th 1:00pm - 2:50pm – SBSB 2107 Section 04 - CRN 42295 – Tu/Th 4:00pm - 5:50pm – SBSB 2107 Website: https://csusm.diehr.com/psyc402 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 mdiehr@csusm.edu Phone: 760-566-6842 Office Hours: SBSB 3236 in person or via Zoom Tu/Th 2:45pm – 3:45pm Any other time: via email
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SCHEDULE: *Subject to change – please check your CSUSM email and the course website regularly for updates.*

Wk	Date	Topic	Readings	Quiz	φ	Exam/Assignment
1	Tu Aug 31	Introduction	K01	0		Survey 1
	Th Sep 02	Introduction	K01 G01-02	1	φ	Breakout discussion
2	Tu Sep 07	Statistics & Norms	K02 G01-02	2	φ	Start Exercise 1: Stats
	Th Sep 09	Statistics & Norms	K02 G01-02			
3	Tu Sep 14	Statistics & Norms	K02			Exercise 1 Due
	Th Sep 16	Correlation, Linear Regression	K03*	3	φ	
4	Tu Sep 21	Correlation, Linear Regression	K03*			Start Exercise 2
	Th Sep 23	Correlation, Linear Regression	K03*		φ	Exercise 2 Due Review for Midterm
5	Tu Sep 28	Exam 1				K01,K02,K03,G01,G02
	Th Sep 30	Reliability	K04	4	φ	
6	Tu Oct 05	Validity	K05	5	φ	
	Th Oct 07	Validity	K05			Start Exercise 3
7	Tu Oct 12	Test Development	K06	6	φ	Breakout discussion
	Th Oct 14	Test Development	K06			Exercise 3 Due Careers Discussion (optional) Exercise 4: Take SII (online)
8	Tu Oct 19	Test Administration	K07	7	φ	
	Th Oct 21	Test Administration	K07			Review for Midterm
9	Tu Oct 26	Exam 2				K04,K05,K06,K07
	Th Oct 28	Begin Research Proposal	K16*		φ	Exercise 5: NEO-FFI
10	Tu Nov 02	Clinical & Counseling	K13	8	φ	
	Th Nov 04	Clinical & Counseling	K13			Research Proposal Due
11	Tu Nov 09	Intelligence	K09* G05*	9	φ	Exercise 6: Survey
	Th Nov 11	HOLIDAY				
12	Tu Nov 16	Intelligence – Controversy	K19 G05**	10	φ	
	Th Nov 18	Intelligence – Controversy	K19 G08***			
13	Tu Nov 23	Intelligence – Controversy	K19 G08***			
	Th Nov 25	HOLIDAY				
14	Tu Nov 30	Projective Testing	K14		φ	
	Th Dec 02	Review & Writing Workshop				Research Paper Due
15	Tu Dec 07	Neuropsychological Assessment	K17*			
	Th Dec 09	Computerized Assessment	K15		φ	
16	Tu Dec 14	<i>Finals Week – No class or exam</i>				
	Tu Dec 16	<i>Finals Week – No class or exam</i>				

φ = earn participation points

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

K = Kaplan & Saccuzzo (2018) Psychological Testing

* Ch 03: skip pages 87-97 (Multivariate Analysis)

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

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

* Ch 05 (Alfred Binet, p 176-188)

** Ch 05 (Goddard, p 188-204)

*** Ch 08 (Critique of the Bell Curve, p 367-378)

* Ch 09: skip 231-238 (Early Binet Scales)

* Ch 17: read 444-463 (Neuropsychology)

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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 16-week, hybrid "Live & Online", 4-unit course with an expectation that students will spend 8-12 hours per week on coursework outside of class. This course includes synchronous activities: the class will in person during the scheduled class times, and attendance is required (either in-person or online). This class is not fully online. When attending online, I encourage you to have your camera on (but will not require it). Assignments have deadlines: The class is NOT self-paced. Make sure you have the time and resources to attend class and complete assignments on time.

Textbooks

Required: Gould, S. J. (1996). *The Mismeasure of Man*. (ISBN 0393314251)
Recommended: Kaplan, R. M., & Saccuzzo, D. P. (2018) *Psychological Testing: Principles, Applications, and Issues* (9th ed.) (ISBN 9781337098137)
Recommended: APA. (2019). *Publication Manual of the American Psychological Association* (7th ed.) (ISBN 9781433832161)

Resources

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

Email: Checking your CSUSM email regularly is a requirement.

Office Hours: See first page for details.

Phone: Please try email first. In an emergency, you can leave voicemail or send a text message.

Course Format:

Class will consist of lecture, discussions, exercises, quizzes, exams and a research paper. Please watch the do all readings (and videos if there are any) *before class* in preparation for discussion and quizzes. There will be two midterm exams. The research paper meets the CSUSM writing requirement of 2500+ words.

Notes about Online Format

This class is officially a Hybrid "Live & Online" format, which means that you are expected to attend in person weekly, but also that some portions of class may be attended virtually (via Zoom) during scheduled class times (synchronously). There will also be assignments which are done asynchronously.

Given the changing nature of the COVID pandemic, it is likely that plans will change during the semester. For example, if masking and distancing rules are relaxed, we will do more things in person; if the COVID rates get worse, we may move some lectures and assignments back online.

Asynchronous

You can do these tasks whenever you prefer (*provided you meet the due dates*):

1. Study the lecture notes, textbook, and additional readings
2. Take online quizzes
3. Work on take-home assignments and exercises
4. Email me for individual "office hours" help.

Synchronous

These tasks have specific times and dates that you need to be available for.

Always scheduled during the official class times:

1. Exams
2. Office hours in person for individual help
3. Class Participation – live discussions of the lectures, quizzes, exercises, etc. *These count towards participation credit. See the column labeled ϕ on page 1.*

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Quizzes

Quizzes are for self-evaluation – you will earn 5 points for taking the quiz before the deadline and 4 points if late. You may re-take each quiz multiple times and use it as a study guide for exams. You must score at least 50% correct on the quiz to get credit.

Grading

Item	Points
Quizzes (Ten @ 5 points credit/no credit)	50
Midterm Exam 1	100
Midterm Exam 2	100
Research Paper (proposal 50, paper 100)	150
Exercises	45
Participation (14 weeks @ 5 points) = 70 points, only 55 points needed: <i>up to 15 bonus points possible</i>	55
Total	500

Points and Grades

Grades are on a traditional grading curve (approximately 73% for a "C" to 93% for an "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 emails with your point breakdown and estimated grade.

Policy

Attendance & Participation

This is a hybrid Live & Online format class. Students should plan to come to campus in-person at least 50% of the time for live instruction, discussion, exercises and activities. When not in person, students should attend the live, synchronous classes remotely.

Important: Students lacking participation (live and online) by week 2 may be dropped for non-attendance. Due to the ongoing COVID pandemic, these policies may change during the semester.

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.

Students with Disabilities

In compliance with federal ADA laws: If you have a need for any 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

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, may not be distributed in any manner, and must be deleted at the end of the semester.

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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.

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.

End of Syllabus.