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| California State University, San Marcos – Spring 2022 Syllabus PSYC 402: Psychological Testing Section 04 - CRN 21768 – Tu/Th 1:00pm - 2:50pm – SBSB 2107 Section 03 - CRN 21767 – 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 Jan 25 | Introduction | K01 | 0 | | |
| | Th Jan 27 | Introduction | K01 G01-02 | 1 | φ | Breakout discussion |
| 2 | Tu Feb 01 | Statistics & Norms | K02 G01-02 | 2 | φ | Start Exercise 1: Stats |
| | Th Feb 03 | Statistics & Norms | K02 G01-02 | | | |
| 3 | Tu Feb 08 | Statistics & Norms | K02 | | | Exercise 1 Due |
| | Th Feb 10 | Correlation, Linear Regression | K03* | 3 | φ | |
| 4 | Tu Feb 15 | Correlation, Linear Regression | K03* | | | Start Exercise 2 |
| | Th Feb 17 | Correlation, Linear Regression | K03* | | φ | Exercise 2 Due Review for Midterm |
| 5 | Tu Feb 22 | Exam 1 | | | | K01,K02,K03,G01,G02 |
| | Th Feb 24 | Reliability | K04 | 4 | φ | |
| 6 | Tu Mar 01 | Validity | K05 | 5 | φ | |
| | Th Mar 03 | Validity | K05 | | | Start Exercise 3 |
| 7 | Tu Mar 08 | Test Development | K06 | 6 | φ | Breakout discussion |
| | Th Mar 10 | Test Development | K06 | | | Exercise 3 Due Careers Discussion (optional) Exercise 4: Take SII (online) |
| 8 | Tu Mar 15 | Test Administration | K07 | 7 | φ | Review for Midterm |
| | Th Mar 17 | Exam 2 | | | | K04,K05,K06,K07 |
| 9 | Tu Mar 22 | SPRING BREAK | | | | |
| | Th Mar 24 | SPRING BREAK | | | | |
| 10 | Tu Mar 29 | Begin Research Proposal | K16* | | φ | Exercise 5: NEO-FFI |
| | Th Mar 31 | HOLIDAY | | | | |
| 11 | Tu Apr 05 | Clinical & Counseling | K13 | 8 | φ | |
| | Th Apr 07 | Clinical & Counseling | K13 | | | Research Proposal Due |
| 12 | Tu Apr 12 | Intelligence | K09* G05* | 9 | φ | Research Proposal Due Exercise 6: Survey |
| | Th Apr 14 | Intelligence | K09* G05* | | | Exercise 6: Survey |
| 13 | Tu Apr 19 | Intelligence – WAIS | K10 | | | |
| | Th Apr 21 | Intelligence – Controversy | K19 G05** | 10 | φ | |
| 14 | Tu Apr 26 | Intelligence – Controversy | K19 G08*** | | | |
| | Th Apr 28 | Intelligence – Controversy | K19 G08*** | | | |
| 15 | Tu May 03 | Projective Testing | K14 | | φ | |
| | Th May 05 | Review & Writing Workshop | | | | Research Paper Due |
| 16 | Tu May 10 | Neuropsychological Assessment | K17* | | | |
| | Tu May 12 | Computerized Assessment | K15 | | φ | |
| 17 | Tu May 16 | <i>Finals Week – No class or exam</i> | | | | |
| | Th May 18 | <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 09: skip 231-238 (Early Binet Scales)

* Ch 17: read 444-463 (Neuropsychology)

*** Ch 08 (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.*

If we need to switch to online classes due to the ongoing COVID pandemic, we will hold these synchronously during scheduled class times over Zoom. When attending online, I encourage you to have your camera on (but will not require it).

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.

Course Format:

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

Quizzes

Quizzes are for self-evaluation and earn 5 points if on time and 4 points if late. At least 50% correct on the quiz is required to earn points. You get unlimited attempts at each quiz.

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 (in class and online) | 45 |
| Attendance & Participation (14 weeks @ 5 points) = 70 points, only 55 points needed, up to 15 bonus/make-up points possible | 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.

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Policy

Attendance & Participation

Attendance and participation points are given for discussion questions you prepare before lectures. *Students with absences in week 1 or 2 may be dropped 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, 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, and must be deleted at the end of the semester.

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.