

Course title	Psychological Tests and Measurement				
Course code	PSY13##				
Course type	Lecture				
Level	Undergraduate				
Year / Semester	Year 3				
Teacher's name	New hire 2				
ECTS	7.5	Lectures / week	1	Laboratories / week	0
Course purpose and objectives	<p>The purpose of this course is to provide students with a comprehensive understanding of the theory, principles, and practical applications of psychological testing and measurement. The course aims to equip students with the necessary knowledge and skills to effectively use and interpret psychological tests, as well as to critically evaluate their strengths, limitations, and ethical considerations.</p>				
Learning outcomes	<p>The following learning outcomes are expected, where students will:</p> <ol style="list-style-type: none"> 1. Explain the fundamental concepts of reliability and validity in psychological testing. 2. Differentiate between various types of psychological tests and their respective applications. 3. Describe the historical development and key milestones in the field of psychological testing. 4. Identify ethical considerations and potential sources of bias in psychological test development and interpretation. 5. Analyze the impact of cultural diversity on test performance and interpretation. 6. Recognize the legal implications and responsibilities associated with using psychological tests in different contexts. 7. Explain the process of test standardization and norming, and their significance in interpreting test scores. 8. Understand the basics of test construction, item analysis, and scaling techniques. 9. Administer psychological tests following standardized procedures and guidelines. 10. Score and interpret test results accurately, considering factors such as norms and percentiles. 11. Evaluate the reliability and validity of psychological tests using appropriate methods. 				

	<ol style="list-style-type: none"> 12. Critically appraise the strengths and limitations of various psychological tests. 13. Apply psychological testing principles to make informed decisions in educational, clinical, and organizational settings. 14. Communicate test results effectively to diverse audiences, including professionals and clients. 15. Demonstrate ethical decision-making when using psychological tests and safeguarding test-taker rights. 16. Analyze and interpret test scores in the context of individual and group performance. 17. Apply basic research methodologies when discussing test development and validation processes. 18. Develop an appreciation for the role of psychological testing in advancing our understanding of human behavior and cognition. 19. Cultivate a commitment to ethical practices and sensitivity to the needs and rights of test-takers from diverse backgrounds. 20. Foster a critical and reflective approach to evaluating the appropriateness and effectiveness of different tests. 21. Recognize the importance of ongoing professional development and staying current with developments in psychological testing. 22. Apply knowledge gained from the course to select appropriate tests for specific purposes (e.g., clinical diagnosis, personnel selection, educational assessment). 23. Make informed decisions about the use of psychological tests based on their reliability, validity, and ethical considerations. 24. Design and conduct basic research related to psychological testing and measurement. 25. Develop strategies for addressing potential sources of bias and cultural considerations in test administration and interpretation. 		
Prerequisites	No	Required	No
Course content	<p>The course aims to equip students with the necessary knowledge and skills to effectively use and interpret psychological tests, as well as to critically evaluate their strengths, limitations, and ethical considerations.</p> <p>Week 1: Introduction to Psychological Testing and Measurement</p> <p>Week 2: Test Construction and Development</p> <p>Week 3: Test Standardization and Norming</p> <p>Week 4: Reliability and Validity</p> <p>Week 5: Types of Psychological Tests</p> <p>Week 6: Test Administration and Scoring</p>		

	<p>Week 7: Interpretation of Test Scores</p> <p>Week 8: Psychological Testing in Different Settings</p> <p>Week 9: Cultural and Ethical Considerations</p> <p>Week 10: Practical Issues and Case Studies</p> <p>Week 11: Current Trends and Future Directions</p> <p>Week 12: Test Feedback and Communication</p> <p>Week 13: Research in Psychological Testing</p> <p>Week 14: Professional Development and Reflection</p>
Teaching methodology	Lecture
Bibliography	<p>Kaplan, R. M., & Saccuzzo, D. P. (2017). Psychological Testing: Principles, Applications, and Issues (9th ed.). Cengage Learning.</p> <p>Hogan, T. P. (2019). Psychological Testing: A Practical Introduction (4th ed.). Wiley.</p> <p>American Educational Research Association, American Psychological Association, & National Council on Measurement in Education. (2014). Standards for Educational and Psychological Testing. Retrieved from http://www.apa.org/science/programs/testing/standards.aspx</p> <p>International Test Commission. (2018). The ITC Guidelines for Translating and Adapting Tests (Second Edition). Retrieved from http://www.intestcom.org/upload/sitefiles/40.pdf</p> <p>Additional Readings:</p> <p>Gregerson, M. B., & Vallade, J. I. (Eds.). (2019). Psychological Testing: History, Principles, and Applications. Routledge.</p> <p>Thorndike, R. M. (2019). Applied Psychometrics: Theory and Practice. Routledge.</p>
Assessment	<ol style="list-style-type: none"> 1. Midterm & Final Exam (30% & 30%): Mid-term and final exams will be conducted covering the entire course. Both exams will include multiple-choice, short-answer, and essay questions. 2. Group assignment (20%): Assign group projects that involve designing and presenting a mock psychological test. 3. Individual assignment (10%): Assign written assignments that require students to analyze case studies, critically review research articles, or apply their knowledge to real-world scenarios.

	4. Presence and Participation (10%): Students should be present and actively participate in in-class discussions.
Language	Greek

