

<b>DEREE COLLEGE SYLLABUS FOR: PS 3532 TESTING AND ASSESSMENT</b>		<b>3/1/4</b>		
(Previously PS 3632 Testing and Assessment) (Updated Spring 2022)		<b>LEVEL 5 UK CREDITS:20</b>		
<b>PREREQUISITES:</b>	PS 1000 Psychology as a Natural Science – L4 PS 1001 Psychology as a Social Science – L4 PS 2236 Human Learning and Memory – L4 PS 2260 Introduction to Statistical Thinking – L4 PS 2347 Analysis of Quantitative Data – L4			
<b>CATALOG DESCRIPTION:</b>	Theory, research and practice on psychological testing and assessment. Statistical analysis and in-depth presentation of the psychometric properties of tests and scales. Evaluation of achievement, intelligence, cognitive, neuropsychological and personality tests. Exposure to the most frequently used tests.			
<b>RATIONALE:</b>	The module surveys the theory and practice of psychological testing and measurement, the application of psychological tests and assessment in educational, clinical, and industrial/organizational settings offering both didactic and hands-on training in psychometric theory and techniques. Students gain knowledge and practical skills relevant to different areas of specialization in the field of psychology.			
<b>LEARNING OUTCOMES:</b>	Upon completion of this module, the student should be able to: <ol style="list-style-type: none"> <li>1. Demonstrate a solid understanding of basic concepts in psychometrics.</li> <li>2. Discuss cultural and ethical considerations in testing and assessment of individuals and/or groups.</li> <li>3. Apply the obtained theoretical knowledge for evaluating the main psychometric properties of popular psychological tests and instruments through a data collection process.</li> <li>4. Discuss the utility as well as the relative strengths and weaknesses of tests applied in various fields of psychology.</li> </ol>			
<b>METHOD OF TEACHING AND LEARNING:</b>	In line with the teaching and learning strategy of the college, the following tools are used: <ul style="list-style-type: none"> <li>➤ Class lectures will consist of demonstrations of the material presented, videos, discussions, group and individual work, role play examples.</li> <li>➤ Interactive learning (class discussions, group and individual work) and practical hands-on problems solved in class and Blackboard.</li> <li>➤ Lab session will include practice on SPSS as well as presentation (administration, scoring, and interpretation) of various popular psychological tests.</li> <li>➤ Blackboard site</li> <li>➤ Office hours</li> </ul>			
<b>ASSESSMENT:</b>	<b>Summative:</b> <table border="1" style="width: 100%;"> <tr> <td><b>1st assessment: Poster Presentation</b></td> <td align="right"><b>40%</b></td> </tr> </table>		<b>1st assessment: Poster Presentation</b>	<b>40%</b>
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	<table border="1" data-bbox="686 195 1430 420"> <tr> <td data-bbox="686 195 1252 352">Individual poster presentation, orally defended, regarding the psychometric properties of an existing scale or test (background information, methods, results, discussion)</td> <td data-bbox="1252 195 1430 352"></td> </tr> <tr> <td data-bbox="686 352 1252 420"><b>Final assessment: Examination</b> Essay questions</td> <td data-bbox="1252 352 1430 420"><b>60%</b></td> </tr> </table> <p data-bbox="686 451 828 483"><b>Formative:</b></p> <table border="1" data-bbox="686 483 1430 579"> <tr> <td data-bbox="686 483 1252 579">Weekly class and home exercises: Hands-on application of the material presented in class.</td> <td data-bbox="1252 483 1430 579"><b>0%</b></td> </tr> </table> <p data-bbox="686 611 1341 674">The 1<sup>st</sup> assessment tests Learning Outcomes 3, 4. The final assessment tests Learning Outcomes 1,2, 4.</p> <p data-bbox="686 705 1466 737">Students are required to resit failed assessments in this module.</p>	Individual poster presentation, orally defended, regarding the psychometric properties of an existing scale or test (background information, methods, results, discussion)		<b>Final assessment: Examination</b> Essay questions	<b>60%</b>	Weekly class and home exercises: Hands-on application of the material presented in class.	<b>0%</b>
Individual poster presentation, orally defended, regarding the psychometric properties of an existing scale or test (background information, methods, results, discussion)							
<b>Final assessment: Examination</b> Essay questions	<b>60%</b>						
Weekly class and home exercises: Hands-on application of the material presented in class.	<b>0%</b>						
<p data-bbox="245 768 548 800"><b>INDICATIVE READING:</b></p>	<p data-bbox="686 768 974 800"><b>REQUIRED READING:</b></p> <p data-bbox="686 800 1494 894">Cohen, R. J., &amp; Swerdlik, M. E. (2018). <i>Psychological testing and assessment: An introduction to tests and measurement</i> (9th ed.). Boston, MA: McGraw-Hill Higher Education.</p> <p data-bbox="686 926 1050 957"><b>RECOMMENDED READING:</b></p> <p data-bbox="686 989 1494 1083">American Psychological Association. (2014). <i>Standards for educational and psychological testing</i>. Washington DC: American Psychological Association.</p> <p data-bbox="686 1115 1494 1178">Cohen, R.J. (2009) <i>Exercises in psychological testing and measurement</i> (7<sup>th</sup> Ed.). McGraw-Hill Higher Education</p> <p data-bbox="686 1209 1494 1272">Groth-Marnat, G. (2009). <i>Handbook of psychological assessment</i>. John Wiley &amp; Sons.</p> <p data-bbox="686 1304 1430 1398">Lester, P. E., Inman, D., &amp; Bishop, L. K. (2014). <i>Handbook of tests and measurement in education and the social sciences</i>. Rowman &amp; Littlefield.</p> <p data-bbox="686 1430 1406 1503">Miller, D. C., &amp; Salkind, N. J. (2002). <i>Handbook of research design and social measurement</i>. Sage Publications.</p> <p data-bbox="686 1535 1494 1629">Murphy, K. R. &amp; Davindshofer, C. O. (2014). <i>Psychological testing. Principles and applications</i> (6<sup>th</sup> Ed.). Essex: Pearson Education Limited</p> <p data-bbox="686 1661 1494 1724">Wright, A. J. (2011). <i>Conducting psychological assessment: A guide for practitioners</i>. John Wiley &amp; Sons.</p>						
<p data-bbox="245 1755 649 1850"><b>INDICATIVE MATERIAL:</b> (e.g. audiovisual, digital material, etc.)</p>	<p data-bbox="686 1755 1044 1787"><b>REQUIRED MATERIAL:</b> N/A</p> <p data-bbox="686 1839 1065 1871"><b>RECOMMENDED MATERIAL:</b></p>						

	<p>Advances in Personality Assessment  Advances in Psychological Assessment  European Journal of Psychological Assessment  Journal of Personality and Individual Differences  Psychological Assessment</p>
<b>COMMUNICATION REQUIREMENTS:</b>	<p>Project submitted in Word.  Academic use of English, both oral and written.  APA Style</p>
<b>SOFTWARE REQUIREMENTS:</b>	<p>Blackboard, MS Office, search engines, SPSS</p>
<b>WWW RESOURCES:</b>	<p>Division 5 of the American Psychological Association, Evaluation Measurement and Statistics:  <a href="http://www.apa.org/divisions/div5/">http://www.apa.org/divisions/div5/</a>  American Psychological Association:  <a href="http://www.apa.org/science/testing.html">http://www.apa.org/science/testing.html</a>  <a href="http://www.aera.net/divisions/d/">http://www.aera.net/divisions/d/</a>  Psychological Testing:  <a href="http://www.psychologicaltesting.com">www.psychologicaltesting.com</a>  American Board of Assessment Psychology:  <a href="http://www.assessmentPsychologyBoard.org">www.assessmentPsychologyBoard.org</a>  Association of Test Publishers:  <a href="http://www.testpublishers.org">www.testpublishers.org</a></p>
<b>INDICATIVE CONTENT:</b>	<p><b>I. Lecture:</b></p> <ol style="list-style-type: none"> <li>1. Historical, Cultural and Ethical Considerations</li> <li>2. Norms, Correlations, and Inferences</li> <li>3. Reliability, validity Test development</li> <li>4. Intelligence and Its Measurement</li> <li>5. Cognitive Testing</li> <li>6. Personality Assessment</li> <li>7. Clinical and Counselling Assessment</li> <li>8. Neuropsychological Assessment</li> </ol> <p><b>II. Laboratory:</b></p> <ol style="list-style-type: none"> <li>1. Statistics Refresher</li> <li>2. Reliability and Validity</li> <li>3. Test Construction</li> <li>4. Item Analysis</li> <li>5. Measures of Intelligence</li> <li>6. Measures of Cognition</li> <li>7. Personality Testing</li> <li>8. Neuropsychological Testing</li> </ol>