



CURRICULUM GUIDE: OFFICIAL COURSE OUTLINE

Course Code	PSYC 223	Course Title	Psychological Tests and Measurement			
Credit Value	3	Department	Social Sciences			
No. of weeks	14	Hrs. per week	<i>Lecture</i>	<i>Tutorial</i>	<i>Laboratory</i>	<i>Total</i>
			3	0	0	3
Course Description	Introduction to the theory and practice of psychological measurement, including: test administration, scoring, interpretation, reliability and validity, and application of tests of intelligence, abilities, personality, and interests in health, educational, clinical, and industrial/organizational psychology.					
Prerequisite(s)	ENGL 100, PSYC 101 or PSYC 102					
Initial Articulation Targets	<i>UBC</i>	<i>SFU</i>	<i>UVic</i>	<i>UNBC</i>	<i>TRU</i>	
	PSYC 2nd (3) <i>Cannot be used to satisfy UBC psychology majors or honours programs</i>	PSYC 2XX (3)	PSYC 200 Lev (1.5)	PSYC 2XX (3)	PSYC 2XX (3)	
	For updated information on the transferability of this course, please consult the BC Transfer Guide, www.bctransferguide.ca					
Learning Outcomes	<p>Upon successful completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> • Administer, score, and interpret tests of various individual-difference traits • Assess the reliability of psychological tests • Provide a proper interpretation of reliability results and relate them to established standards for test reliability • Assess the validity of psychology tests • Provide a proper interpretation of validity results and relate them to established standards for validity • Design a study to assess test validity in applied settings • Describe current methods for the assessment of intelligence and its relationship with life-performance outcomes • Describe the current understanding of multiple cognitive abilities and their relationship to life-performance outcomes • Outline the problems in the assessment of human temperament traits, describe the current methods of assessment, and relate these traits to life-performance outcomes • Describe the place of the assessment of human interests, values, and motivations in psychological measurement 					



	<ul style="list-style-type: none"> • Explain in some detail current issues concerned with psychological measurement in the context of Canadian society, including the protections available for subjects of testing and current thinking about test fairness • Describe current best practices concerning the use of psychological tests in applied settings 				
Content	<p>Core topics – all of the following will be covered:</p> <ul style="list-style-type: none"> • Introduction to psychological measurement • Purposes of and issues in testing • Psychological testing and society • APA/CPA standards for testing • Review of basic statistical concepts • Administration, scoring, norms and interpretation • Test reliability: concepts, calculation, interpretation • Test validity: concepts, calculation, and interpretation • Item analysis, test development, and test validation • The assessment of measurement utility • Assessment of general intelligence • Assessment of multiple cognitive abilities • The nature of human personality and its assessment • Interests, values, and motivation, and their assessment • Use of psychological tests in health, counseling, and clinical settings • Use of psychological tests in educational settings • Use of psychological tests in applied personnel decision-making • Projective tests, work samples, simulations, and other non-standardized techniques • The interview as a testing procedure • Accepted best practices regarding testing in today's society <p>Additional topics may also be covered, at the discretion of the instructor.</p>				
Methods of Instruction	Lectures, laboratory demonstrations, and some laboratory work (conducted in the regular classroom)				
Required Textbook(s)	<p>The following textbook(s) is/are required, or approved equivalent(s).</p> <p>Murphy, Kevin R. Psychological Testing: Principles and Applications. 6th Ed. Upper Saddle River, NJ: Prentice-Hall, 2005.</p> <p>AERA, APA, NCME. Standards for Educational and Psychological Testing. Washington, DC: American Psychological Association, 1999.</p>				
Required Equipment and Technology	<p>Students are required to have a computer with internet access.</p> <p>The following resources are provided by the College:</p> <ul style="list-style-type: none"> • Office 365 • Student email 				
Homework Hours	At minimum, students can expect one hour of homework for every hour of instructional time.				
Evaluation	<table border="1"> <thead> <tr> <th>Component</th> <th>% Value</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Component	% Value		
Component	% Value				



	Midterm examination Course project Final examination	25% 25% 50%	
Completion Requirements	The minimum grade to pass this course is D (50%). Unless otherwise stated, a minimum grade of C- (55%) is required for this course to fulfil a prerequisite.		
Course Designer(s)	Ralph Hakstian, University of British Columbia	Consultant(s), <i>if applicable</i>	Bahman Najarian, Ph.D., Department of Psychology, Alexander College
Dean's Approval	Barbara Moon, Ph.D. Professor Emeritus, Department of Biology, University of the Fraser Valley	Dean's Approval Date	November 3, 2011
Curriculum Committee Approval Date	November 3, 2011	First Term Offered	Fall 2012
Last Review Date	February 3, 2022	Next Review Date	February 3, 2027
Revision History	November 3, 2011-Changed prerequisites February 3, 2022 – English prerequisite increased from ENGL 098 to ENGL 099, effective from Spring 2022 term. September 1, 2024 – English prerequisite increased to ENGL 100, effective Fall 2024.		