

PSYC 3090 3.0A
FACULTY OF HEALTH
PSYCHOLOGICAL MEASUREMENT
Lectures: Thursdays 8:30 a.m. - 11:30 a.m.

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This course provides an introduction to the theory, method, and application of psychological testing. Coverage will include: concepts of psychological testing; principles of psychological measurement; techniques used to analyze tests; development of tests (e.g., cognitive, emotional intelligence, personality); and the use of psychological tests to make decisions about individuals. The focus will be on description of the basic principles of psychological measurement that must be applied in order to properly evaluate psychological tests, as well as on some of the major applications of psychological tests in education, industry, and clinical practice.

Prerequisites: Psyc 1010 6.0 with a minimum grade of C and Psyc 2020 6.0 OR equivalent.

Required text: Murphy, K. R, & Davidshofer, C. O. (2005). *Psychological testing: Principles and applications* (6th edition). Upper Saddle River, NJ: Prentice Hall.

Additional materials to be determined by the instructor.

Evaluation:

1) Midterm:	Oct. 27, 2011	30%
2) Group Research Assignment	Nov. 10, 2011	10%
3) Research Assignment	Nov. 24, 2011	20%
4) Final Exam:	Dec. 8-22, 2011	30%

Tests and the final exam are composed of multiple choice questions. The questions will be based on material presented in class, assigned readings from the textbook, audio-visual aids, and additional materials handed out by the instructor.

EXTRA CREDIT OPTIONS

You can earn extra marks by various means. One method is by completing an academic integrity survey online (www.yorku.ca/tutorial/academic_integrity). The *Academic Integrity Tutorial* is designed to help you learn about issues of academic integrity. It explores plagiarism and related matters with case examples and positive strategies you can use to improve your academic efforts. Once you have completed the tutorial and the self-test, please bring in a copy of your score sheet (100% on the test) and you will receive the bonus. The extra credit needs to be submitted to the Course Director or TA by September 22nd.

Group Research Assignment: Due: November 10, 2011 – 10% of Final Grade

Specifics:

- The objective is to critically analyze 2 emotional intelligence assessment tools (mix methods model vs. ability model) and to differentiate between them. Please generate one 5-6 page report for the group. The report should include the following analyses:
 1. Theoretical Orientation – which model's theoretical orientation best suits the construct of emotional intelligence?
 2. Reliability – which tool has higher levels of reliability?
 3. Validity – which tool has higher levels of validity?
 4. Application – which tool has greater application?
 5. Conclusion – which tool would you use in a professional setting and why?

Research Assignment: Due: November 24, 2011 – 20% of Final Grade

General Purpose of Project:

- To gain experience analyzing psychological instruments.
- To examine if research is conducted in a sound and ethical manner.
- To be able to examine psychological test information and write a coherent evaluation of the instrument.

Specifics:

- The object is to critically analyze psychological test information found in a psychological technical manual. Please generate a 5-6 page report (typed double spaced). The report should be an evaluation of the testing material such that it meets APA standards. The report should include an introduction, conclusion, and the following analyses:
 1. Test Development
 2. Norms
 3. Validity
 4. Reliability

In your conclusion, please answer the following questions: What are your overall thoughts of the instrument? Would you use this instrument in a professional setting? Why or Why not?

There will be a 1% deduction (from your overall mark out of 10 & 20%) for each day that the assignment is handed in after the deadline.

RELIGIOUS OBSERVANCE POLICY

York University is committed to respecting the religious beliefs and practices of all members of the community and making accommodations for observances of special significance to adherents. Should any of the dates specified in this syllabus for in-class examinations pose such a conflict for you, contact the Course Director within the first three weeks of class. Please note that to arrange an alternative date or time for an examination scheduled in the formal examination periods (December and April/May), students must complete an Examination Accommodation Form which can be obtained from the Registrar's Office.

SENATE POLICY ON ACADEMIC HONESTY

Please read the sections on Academic Honesty in the York University Calendar. Any case of suspected academic dishonesty will be dealt with in accord with the procedures and regulations set down by the University Senate.

POLICY FOR MISSED TESTS AND EXAMINATIONS

1. The student must contact the instructor or TA in-person or by telephone or e-mail within 24 hours of the test or examination. If you do not speak to the instructor directly, you must leave a message. Be sure to clearly state your name, student number, course, and a number and time at which you can be reached. If you are unable to contact the course instructor during this 24 hour period, subsequent documentation accounting for the delay must be provided.
2. Appropriate documentation verifying the circumstances for the missed test or examination must be provided prior to arranging the MAKE-UP test. Failure to provide appropriate documentation will result in a grade of F on the missed test.
 - A. Tests or examinations missed on the grounds of medical circumstances must be supported by an Attending Physician's statement or a statement by a Psychologist or Counsellor. The Attending Physician's statement must include: (i) the full name, mailing address and telephone number of the physician; (ii) state the nature of the illness and its duration (i.e., specific dates covered); and, (iii) an indication of whether the illness and/or medication prescribed would have SERIOUSLY affected the student's ability to study and perform over the period in question. Note: The physician's office may be contacted to verify that the forms were completed by the physician.
 - B. Tests or examinations missed on the grounds of non-medical circumstances must be supported by appropriate documentation (i.e., death certificates, obituary notice, automobile accident reports, airline/train/bus ticket/receipts with date of booking on ticket, etc.). Airline/train/bus ticket/receipts for emergency travel must indicate destination, departure and return dates.
3.
 - a) In the case in which NO MAKE-UP opportunity is provided, the grade component will be distributed across other evaluative components of the course (to be specified by instructor).
 - b) In the case of a make-up test/exam, the student must be prepared to write within the week following the missed test (a date will be set by the TA). Although the content to be examined will be the same, the format may or may not follow that of the original examination. It is the student's responsibility to check with the instructor or TA as to the time of the make-up. A conflict in another course during the time of the make-up is not an acceptable reason for missing the make-up (unless there is an exam in the other course at that time). If a student misses a make-up opportunity for good reasons (see points A and B above), then either the prorating option is applied, or a second and final opportunity for a make-up will be arranged.

LECTURE SCHEDULE AND ASSIGNED READINGS

<u>Date</u>	<u>Lecture Topic</u>	<u>Readings</u>
Sept. 8	Introductions Syllabus Review Group Introduction	
Sept. 15	Introduction to Psychological Testing	Chapter 1
Sept. 22	Defining and Using Psychological Tests	Chpts. 2 & 3
Sept. 29	Basic Concepts in Measurement & Scale Norms	Chpts. 4 & 5
Oct. 6	Reliability	Chpts. 6 & 7
Oct. 13	No Class	
Oct. 20	Validity	Chpts. 8 & 9
October 27	Midterm Exam Chpts. 1-9 Lectures, Presentations, & Handouts from Sept. 8-Oct. 20	
Nov. 3	Test Development	Chpts. 11
Nov. 10	Intelligence Testing Last Day To Hand in Group Assignment	Ch. 13
Nov. 11	Last day to withdraw from Fall half courses without a grade. www.registrar.yorku.ca/important	
Nov. 17	Emotional Intelligence Testing	Handouts
Nov. 24	Personality Testing Last Day To Hand in Research Assignment	Chpt. 17
Dec. 1	Assessments in Action & Final Exam Review	
Dec. 8-22	Exam Period Final Exam: Chpts. 11, 13, & 17 Lectures, Presentations, & Handouts from Nov. 3-Dec. 1	