FACULTY OF SCIENCE

SCHOOL OF PSYCHOLOGY

PSYC 1111

MEASURING MIND AND BEHAVIOUR

SEMESTER 2, 2018

9.

4. Aims of the Course

This course deals with the foundational knowledge about research methods and statistics in psychology. It aims to

To develop confidence and skills in understanding, interpreting, evaluation and applying scientific concepts;
To provide the tools necessary to systematic, critical and analytical scientific thinking;
To provide foundational understanding of ethical issues in scientific research, communication and application of scientific findings.

Emphasis will be placed on critical thinking about published research on contemporary issues in behavioural sciences, including discussion about what distinguishes evidence-based research from pseudoscience.

By the end of this course students should be able to:

Understand basic research methods in psychology at an intermediate level;
Frame research questions and formulate testable hypotheses; operationalize variables; choose appropriate method for your own research;
Think creatively and critically about research and apply knowledge of the scientific method in all fields of behavioural sciences;
Undertake literature searches; locate, evaluate and use information appropriately in the research process;
Use reasoning and evidence to recognise, develop, defend and criticise arguments and persuasive appeals;
Understand and being able to perform basic statistical analysis procedures, draw defensible conclusions and assess the validity of conclusions based on statistical analysis of experimental data;
Identify intentional and unintentional errors in research methods, data analysis and presentation and interpretation of research results;
Differentiate between evidence based argument and speculation; identify claims that arise from pseudoscience; recognise major fallacies in human thinking.

5. Psychology Graduate Attributes and Associated Learning Outcomes

Level of Focus: 0 = No focus**;** 1 = Minimal**;** 2 = Minor**;** 3 = Major	**Activities/Assessment**
Core knowledge and understanding of psychology with regard to:	
Understanding of the basic characteristics of psychology as a science = 2	
Understanding of the history and philosophy off science and psychology = 3	
Understanding of the major concepts and historical trends in	

6. Rationale for the Inclusion of Content and Teaching Approach

This course provides students with an essential foundation for more advanced psychology courses by focusing on the benefits and limitations of various research designs and the importance of statistical data analysis. It also enables students to design their own experiments, carry out data

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9. Tutorial Schedule	
Week	**Tutorial Content**

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Weekly online quizzes Online weekly quizzes will provide you with an opportunity to revise and deepen your knowledge of key concepts in the course. 10 weekly-revision quizzes will be available in weeks 2-6 and 8-12. **You will be awarded 1% for completing each quiz with a score of 65% or greater by Sunday 11:59pm the week it is released**. You may take the quiz as many times as you like. **Your highest attempt will count towards your grade**. The quizzes will remain open for revision purposes until the final exam.	10%	1, 2, 3, 4, 6.	1.4; 2.5; 3.2; 3.8; 4.1; 6.3

Late Penalty: Failure to meet the official deadline will attract a penalty. For an assignment submitted late without an acceptable reason but within 10 working days (A Working day is defined as Monday to Friday) of the initial deadline, 2% of the maximum possible mark for that assignment will be deducted for each day including weekends. **Under no circumstances will an extension be given for longer than 10 working days after the initial deadline. Failure to submit an assignment within 10 working days will result in a mark of 0 for the assignment, unless a special consideration request has been approved to undertake supplementary assessment**. Late submissions may not receive the same level of feedback from markers.

Research Study Critique: Due: Week 5, Sunday the 26th of August by 11:59pm. Late submissions will incur a penalty of 2% per day (including weekends), **the final day for submission of this assessment in order to receive a mark is Friday the 7th of September by 5pm**. **Submissions submitted after this date will not be marked and students will receive a grade of non-complete for this assessment.**

Research Report: Due: Week 11, Sunday the 14th of October by 11:59pm. Late submissions will incur a penalty of 2% per day (including weekends), **the final day for submission of this assessment in order to receive a mark is Friday the 26th of October by 5pm**. **Submissions submitted after this**

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