School of Health Studies Western University

Health Sciences 2801a Research Methods in Health Sciences Fall 2012

1. Course Information

This course is a case-based introduction to the methods used in health sciences research. Although formulas are given and calculations are presented, the principal orientation of the course is conceptual rather than mathematical. Your grade in this course is based on two assignments and a final exam.

Classes – 2 hours Fridays, 9:30 to 11:30, SSC 2050

Labs – 1 hour

Some Wednesdays (listed in Course Schedule section), 11:30 to 12:30, SSC 2050

8. Scholastic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_undergrad.pdf .

9. Support Services

There are various support services available on campus; these include the Student Development Centre (http://www.sdc.uwo.ca/ssd/), Student Health Services (http://www.shs.uwo.ca/student/studenthealthservices.html), the Office of the Registrar (http://www.registrar.uwo.ca/), and the Office of the Ombudsperson (http://www.uwo.ca/ombuds/).

10.	Course	e Schedule	
!	Class	Date	Class Topic
	1	F, Sept 7	Course Overview.
	2	F, Sept 14	Measurement,
!	!	!	Reading 1, Cases 1 to 4.
	3	F, Sept 21	Scores & Distances,
			Readings 2 & 3, Exercises, Cases 5 & 6.
	4	F, Sept 28	Correlation,
!	!	!	! Reading 4, Exercises, Case 7.
			Assignment One Posted.
	5	F, Oct 5	Assignment One Due.
	6	F, Oct 12	Measurement Error,
!	!	!	! Reading 5, Exercises, Cases 8 & 9.
		W, Oct 17	Assignment One Returned.
	7	F, Oct 19	Measurement Error (continued),
			Reading 5, Exercises, Cases 8 & 9.
			Assignment Two Posted.
	8	F, Oct 26	Gathering Evidence & Thematic Analysis,
			Readings 6 & 7, Case 10.
			Assignment Two Due.
	9	F, Nov 2	Thematic Analysis (continued) & Repertory Grid,
			Reading 8, Cases 11 to 14).
		W, Nov 7	Assignment Two Returned.
	10	F, Nov 9	What is this Activity Called Science?,
!	!	!	! Reading 9, Cases 15 to 27.
	11	F, Nov 16	What is this Activity Called Science? (continued),
!	!	!	!