GPRC Physical Education and Kinesiology

DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY
COURSE OUTLINE – FALL 2020
PE2190 (A2): Research Methods in Kinesiology – 3 (3-0-0) 45 Hours 15 Weeks

INSTRUCTOR:	Julia Dutove, Ph.D.	**PHONE:**	780-539-2974
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OFFICE HOURS:	By appointment		

FALL 2020 DELIVERY: Remote Delivery. This course is delivered remotely. There are no face-to-face or onsite requirements. Students must have a computer with a webcam and reliable internet connection. Technological support is available through helpdesk@gprc.ab.ca

CALENDAR DESCRIPTION: This course will provide an introduction to research methods used in the field of kinesiology. Emphasis will be placed on the application of research techniques commonly used in the discipline.

PREREQUISITE: PE1090

REQUIRED TEXT/RESOURCE MATERIALS:
Kowalski, K. C., McHugh, T.-L. F., Sabiston, C. M., & Ferguson, L. J. (2018). *Research methods in kinesiology*. Don Mills, ON: Oxford University Press.
Other readings and resources will be available on D2L.

DELIVERY MODE(S): This course will be taught using lectures, discussions, tests, assignments, and other interactive activities.

COURSE OBJECTIVES:
1. Explain various research methods commonly used in the field of kinesiology.
2. Distinguish the difference between various research techniques and apply data collection and analysis methods with consideration to ethical research practices.
3. Describe various research paradigms and evaluate how paradigms inform research.
4. Critique and interpret research and apply findings to real life settings.

LEARNING OUTCOMES:
1. The student will be able to explain various research methods commonly used in the field of kinesiology.
2. The student will demonstrate how to answer research questions with appropriate data collection and analysis, with consideration of ethical research practices.
3. The student will describe various research paradigms and evaluate how paradigms inform research.
4. The student will evaluate research critically and apply research to real life settings.

TRANSFERABILITY:
Please consult the Alberta Transfer Guide for more information
(http://alis.alberta.ca/ps/tsp/ta/tbi/onlinesearch.html?SearchMode=S&step=2)

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. **Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

GRADING CRITERIA:
Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**. This means **DO NOT GET LESS THAN "C-" IF YOU ARE PLANNING TO TRANSFER TO A UNIVERSITY.**

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

EVALUATIONS:

Pre-Class Preparation	Weekly	5%
Online and In Class Participation	Throughout semester	5%
Presentation	TBD – sign up in class	10%
Research Ethics Assignment	Sept 25	5%
Midterm	Oct 9	15%
Annotated Bibliography	Oct 21	5%
Article Reviews	See schedule on D2L	5 x 2% = 10%
Final Project Peer Review	Dec 2	10%
Final Exam	TBD	35%
Total		100%

STUDENT RESPONSIBILITIES:
- Students are required to come to class prepared, which may include reading, completing quizzes or discussions, or other online activities. Some activities may not be able to be made up if they are missed so ensure you are regularly checking D2L for weekly tasks.
- Regular attendance is a key to success in this and every other course. Please contact the instructor if you have to miss class. It is the student's responsibility to acquire any materials and content missed due to absence.
- One missed lecture or lab session will be a "free" miss (not including tests or presentation dates) and any additional missed classes will result in a 1% deduction from the final course grade.
- Missed tests or presentations cannot be made up unless there is proper documentation (e.g., doctor's note) and approved by the instructor.
- In general, assignments will be deducted 10% for each day late, including weekends. See guidelines on D2L for each assignment for specific details.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the College Admission Guide at http://www.gprc.ab.ca/programs/calendar/ or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE:
Lecture: Wednesday & Friday: 1:00-2:20pm (Online)

Week	Date	Topics	Readings
1	Sept 2 & 4	Course Introduction & Introduction to Research	Text Chapter 1
2	Sept 9 & 11	Research Questions	Text Chapter 2
3	Sept 16 & 18	Research Ethics	Text Chapter 3
4	Sept 23 & 25	Literature Reviews **Research Ethics Assignment: Sept 25**	Creswell (2014) p. 25-50
5	Sept 30 & Oct 2	Study Designs	Text Chapter 4 & 7
6	Oct 7 & 9	Study Designs & Midterm Review **Midterm: Oct 9**	Text Chapter 4 & 7
7	Oct 14 & 16	***Fall Break, No Classes**	
8	Oct 21 & 23	**Annotated Bibliography: Oct 21** Mixed Methods	Text Chapter 10
9	Oct 28 & 30	Data Analysis	Text Chapter 5 & 8
10	Nov 4 & 6	Data Analysis & Participatory Action Research	Text Chapter 11
11	Nov 11 & 13	***Nov 11: Remembrance Day, No Classes** Evaluating Research	Text Chapter 6 & 9
12	Nov 18 & 20	Evaluating Research	Text Chapter 6 & 9
13	Nov 25 & 27	Knowledge Translation	Text Chapter 12
14	Dec 2 & 4	**Final Project Peer Review: Dec 2**	
15	Dec 9	Final Exam Review	

This schedule is subject to change based on how we progress as a class. Changes will be announced in class and on D2L. Readings and resources not in from the course textbook will be available on D2L.