

**CONTRACT**  
**Kinesiology 4444E**  
An Independent Research Project in Kinesiology

UWO Email Address: \_\_\_\_\_ Date: \_\_\_\_\_

Name of Supervisor: \_\_\_\_\_

**AREA OF RESEARCH: (Brief description of study - Objectives/research method/etc)**

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**Student Time commitment:**

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**STATEMENT OF RECOGNITION: (Student)**

I have read the detailed course outline and understand and accept the structure & evaluation system.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

**APPROVAL**

\_\_\_\_\_  
Supervisor Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Director of Kinesiology

\_\_\_\_\_  
Date

**INSTRUCTIONS**

**School of Kinesiology  
Faculty of Health Sciences  
Western University**

**BA - SENIOR RESEARCH PROJECT  
Kinesiology 4444E**

**Course Description:**

Independent research project in Kinesiology involving presentation of proposal, collection and analysis of data, presentation of results, and final written report as a scholarly paper.

**Course Summary**

1. The goal of this course is to provide a student with the opportunity to conduct a research project under the supervision of a Kinesiology Faculty Member. Projects may cover a variety of designs and topics including, but not limited to, program design, historical reviews, analysis of current sport/physical activity/health topics, health promotion, and empirical research involving human subjects.
2. While the form and format of the project is to be determined by the supervisor and the student, empirical research should include the development of the research question(s), the design of the study, completion of ethics and development of the human participants (where necessary), participant recruitment and data collection, analysis and completion of the final scholarly report.
3. KIN 4444E is **not** an opportunity to gain credit for volunteer work in a research/teaching lab.
4. KIN 4444E project must be supervised by a Kinesiology faculty member. The following **Faculty members are eligible to accept students** (Note: Faculty members may choose not to accept students in any given year):

Dr. K. Danylchuk

Dr. M. Heine

Dr. H. Prapavessis

Dr. A. Doherty

Dr. D. Howe

Dr. Angela Schneider

Dr. C. Hall

Dr. E. Pila

5. Projects are restricted to Kinesiology students who are in their fourth year of study (BSc students should register in Kin 4443E).
6. Before a student can be registered in KIN 4444E, a contract must be completed and signed by:
  - a. the student,
  - b. the supervising faculty member, and
  - c. the Course Manager

7. Students cannot receive remuneration for work completed as part of the KIN 4444E experience.
8. In the case where human participants are involved, Western Research Ethics specifies that ethics approval must be obtained prior to any data collection, as outlined in the University Policy statement at <http://www.rcr.ethics.gc.ca/eng/policy-politique/framework-cadre/>.

### **Course Procedures**

1. Students must contact an appropriate Kinesiology faculty member to discuss their proposal, faculty expectations, completion date, and evaluation. Preference will be given to students with an academic average 80% and above.
2. Once a verbal arrangement has been made, a KIN 4444E contract should then be signed by the supervising faculty member and the student, and forwarded to the Course Manager. (Faculty members are encouraged NOT to participate in KIN 4444E projects until the contract has been signed).
3. Once the Contract has been signed by the student, the supervising faculty member, and the Course Manager, the student will be registered by the advising office into Kin 4444E.
4. Students are advised to meet regularly with their supervisor during the term.
5. A minimum of 10 hr per week will be devoted to the research project throughout the academic year
6. Final grades should be submitted by the supervising faculty member to Course manager by no later than April 24th.

### **Learning Outcomes:**

This research project is intended to provide students with a research experience in Kinesiology. Following completion of this course, students will be able to:

1. Develop independent and/or collaborative research skills in a specific area of Kinesiology where the project includes literature review; experimental design; collection, analysis and interpretation of collected data; and oral and written communication of a scientific information in the form of seminar presentations and research reports, respectively.
2. Critically review and synthesize scholarly literature in the area to identify knowledge gaps for further exploration.
3. Understand and explain, in more detail, the research process and the role of the researcher in the field of Kinesiology.



### **Final Research Paper:**

The final research report should be submitted to the Kin 4444E Course Manager at the end of the 2<sup>nd</sup> term (date TBD but usually 1-2 weeks after the 2<sup>nd</sup> term presentation and on or before the final day of classes). The final research paper will be marked by the faculty supervisor. Students will submit one copy of the final research report to the Kinesiology undergraduate office. Students will be informed as to whether to submit a paper copy or an e-copy of the final research report to the Course Manager.

The final research paper should be written in