

Western HealthSciences

School of Kinesiology

Kinesiology 2032A: Research Design in Human Movement Science Fall 2026

Campus Supports

Western University is committed to a **thriving campus**. For help with:

- Both physical and mental health, go to [Wellness & Wellbeing](#)
- Studying with disabilities, go to [Accessible Education](#)
- Writing skills, go to the [Writing Support Centre](#)
- Learning skills and strategies, go to [Learning Development & Success](#)
- Contacting the ombudsperson, go to the [Office of the Ombudsperson](#)



Your course instructor can also **guide you** to available campus resources and/or services.

Technical Requirements



Stable internet connection



Laptop computer



Pen/Pencil & Paper

Important Dates

Classes Begin	Reading Week	Classes End	Study day(s)	Exam Period
September 9	October 10-18	December 9	December 10	December 11–22

September 30, 2026, is National Day for Truth and Reconciliation and is a non-instructional day

November 30, 2026: Last day to withdraw from a first-term half course without academic penalty

Contact Information

Instructor	Email	Office Hours
Dr. Cailie McGuire (she/her)	cmcgui@uwo.ca	By appointment TBA
Teaching Assistants	Email	Office Hours
		TBA

NOTE: All course information including grades, assignment outlines, deadlines, etc. are available via [OWL Brightspace](#). Download the Brightspace Pulse App to stay up-to-date on course communication and enable your notification settings within “Communications” in the top toolbar.

Calendar Course Description:

An introduction to the basic aspects of reading, interpreting, evaluating, and presenting research to better understand the research process in physical activity. Measurement and data collection techniques from physical and social science areas of kinesiology will be examined using both quantitative and qualitative research designs employed in movement science.

Antirequisite(s): [Foods and Nutrition 2032A/B](#), [Health Sciences 2800](#), [Health Sciences 2801A/B](#), [Psychology 2801F/G](#), [Psychology 2802F/G](#), [Psychology 2830A/B](#), [Psychology 2840F/G](#), the former Psychology 2800E, the former Psychology 2820E.

Extra Information: 2 lecture hours weekly; 2 laboratory hours bi-weekly. Cross-listed with [Foods and Nutrition 2032A/B](#).

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course, and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

NOTE: If you wish to enroll in this course without the stated pre-requisite(s), you must obtain written approval from the course instructor. The approval should then be forwarded to your academic counsellor.

Learning Outcomes:

Upon successful completion of this course, you will be able to:

1. **Understand** what research is and how research questions can be answered
2. **Formulate** relevant research questions and evaluate research designs
3. **Know** the basic elements of different methodological approaches and understand their merits and limitations
4. **Appreciate** the challenges and complexities of human-based research
5. **Understand** the ethical considerations involved in conducting human subjects research
6. **Develop** skills for reading and critically thinking about empirical research

Lecture Time & Location: Mondays, 7:00-8:50pm

Lab Sessions & Timetables

Labs run **bi-weekly** (every other week) in person. Labs begin in **Week 2** (September 21–25, 2026) for **Cycle 1**, and in **Week 3** (September 28 – October 2) for **Cycle 2**. There will be no rescheduling or make-up labs. Students must only attend the lab they are registered to attend.

For Kinesiology Students

Section	Dates	Time	Room	Cycle	TA
002	Monday	3:30 pm - 4:50 pm	UCC 54B	Cycle 1	TBA
003	Monday	3:30 pm - 4:50 pm	UCC 54B	Cycle 2	
004	Tuesday	4:30 pm - 5:50 pm	UCC 59	Cycle 1	
005	Tuesday	4:30 pm - 5:50 pm	UCC 59	Cycle 2	
006	Wednesday	3:30 pm - 4:50 pm	UCC 65	Cycle 1	
007	Wednesday	3:30 pm - 4:50 pm	UCC 65	Cycle 2	

				*See Note below	
008	Thursday	4:30 pm - 5:50 pm	UCC 54B	Cycle 1	
009	Thursday	4:30 pm - 5:50 pm	UCC 54B	Cycle 2	
010	Thursday	8:30 am – 9:50 am	PAB 36	Cycle 1	
011	Thursday	8:30 am – 9:50 am	PAB 36	Cycle 2	
012	Wednesday	7:00 pm - 8:20 pm	PAB 36	Cycle 1	
013	Wednesday	7:00 pm - 8:20 pm	PAB 36	Cycle 2 *See Note below	
014	Thursday	2:30 pm - 3:50 pm	BGSB 1056	Cycle 1	
015	Thursday	2:30 pm - 3:50 pm	BGSB 1056	Cycle 2	

For Food and Nutrition Students

Section	Dates	Time	Room	Cycle	TA
002	Monday	3:30 pm - 4:50 pm	AHB 2B02	Cycle 1	TBA
003	Monday	3:30 pm - 4:50 pm	AHB 2B02	Cycle 2	
004	Monday	3:30 pm - 4:50 pm	SEB 1056	Cycle 1	
005	Monday	3:30 pm - 4:50 pm	SEB 1056	Cycle 2	

*Note:

The annual observance of National Day for Truth and Reconciliation (NDTR) will be observed at Western University on Wednesday, September 30, 2026. This is a non-instructional day meaning no labs will run on September 30. For lab continuity, the affected Wednesday Cycle 2 lab sections (**Kin: 007 and 013**) will complete their **Lab 1 session** in person during **Week 11** in their designated rooms and times.

Lab assignments are due **one week after your lab session by 11:59pm.**

Course Content and Schedule

Week	Dates	Topics	Assignment	Reading
1	Sept 14	Course Introduction Topics and Foundations of Research	No labs	TBA
2	Sept 21	Finding, Reading, and Writing Research	Lab 1 Cycle 1 sections	
3	Sept 28	Problem Statements	Lab 1 Cycle 2 sections *See Note above	
4	Oct 5	Research Approaches Research Ethics	Lab 2 Cycle 1 sections	
5	Oct 12	Thanksgiving (No Class) Reading Week Oct 10-18	No labs	
6	Oct 19	Midterm Exam	Lab 2 Cycle 2 sections	

7	Oct 26	Paradigms, Positionalities, and Privilege in Research	Lab 3 Cycle 1 sections	
8	Nov 2	Open Science, Transparency, and Pre-registration	Lab 3 Cycle 2 sections	
9	Nov 9	Study Designs: Foundations of Qualitative Methods	Lab 4 Cycle 1 sections	
10	Nov 16	Study Designs: Foundations of Quantitative Methods	Lab 4 Cycle 2 sections	
11	Nov 23	Knowledge Mobilization	<u>Make-up labs</u> Lab 1 Cycle 2 (sections 007 and 013)	
12	Nov 30	Giving Credit where Credit is Due – Referencing (APA)	No labs	
13	Dec 7	Course Content Review	No labs	

Required Course Material

There is no required textbook for this course. All required information will be presented in lectures or via research articles available in OWL Brightspace. If students seek supplemental course content, students are encouraged to use the following textbook as an additional resource.

- Creswell and Creswell (2023). **Research Design: Qualitative, Quantitative, and Mixed Methods Approaches** (6th edition). SAGE Publications.

This textbook is available at no cost at the Western Library. Alternatively, you can purchase the e-book online (\$109 CAD): <https://www.ebooks.com/en-ca/book/210602683/research-design/john-w-creswell/>

Assessments and Evaluation

Below is the evaluation breakdown for the course. Any deviations will be communicated.

Assessment	Format	Weight	Date	Flexibility	Learning Outcome
Midterm Test	Multiple choice, in person, pencil and paper	30%	October 19	Not applicable - Designated Assessment ¹	1,2,3
Lab Participation	In person during assigned lab section	10% (2.5% per lab session)	Biweekly – confirm your lab cycle	See academic policy and statements ²	1,2,5,6
Lab Assignments	Written	20% (5% per lab assignment)	One week after your lab session by 11:59pm	See academic policy and statements ³	1,2,3,4,6

Assessment	Format	Weight	Date	Flexibility	Learning Outcome
Final Exam	Multiple choice	40%	TBA	Not applicable - Designated Assessment ⁴	1,2,3,4,5,6

Late or Missed Labs and Assessments

1. **MIDTERM TEST:** This assessment has been designated as being central to the evaluation of learning outcomes in this course. Accordingly, you must provide documentation with academic consideration requests for any absence from this evaluation. If you miss this evaluation, you must complete the makeup assessment. The makeup assessment is an extension of the Midterm Test, and so you will need to present documentation for this assessment, should you need to miss it. Please note that there is only one makeup assessment for this Midterm. It will be available at least one week after the date of the midterm exam. Students approved to miss the makeup will have the weight of this assessment transferred to the final exam. Writing a final worth 70% may be highly stressful and should be avoided. Students must not provide medical or compassionate documentation to the instructor. Students must submit all academic consideration requests through the [Student Absence Portal \(SAP\)](#). If a student misses the midterm or makeup midterm without approved academic considerations, they will receive a zero.
2. **LAB PARTICIPATION:** There are **four scheduled lab sessions** throughout the term. The laboratory component is critical for meeting the learning objectives for this course. You must attend and participate in at **least two labs** to be eligible to **pass the course**. **If a student misses more than 2 labs (with or without academic consideration), that student will be debarred from the final exam and will receive an 'F' (fail) in the course.** Participation in each lab is worth 2.50% of your final grade.

Only your **highest three lab participation grades** will count toward your final grade. There are no make-ups or rescheduling of labs. Students must only attend the specific lab section they are officially registered to attend. All undocumented absence requests will be denied for missed labs since there is flexibility built in (i.e., best 3/4 labs).

If a student experiences an extenuating circumstance, they must submit their request for consideration through the university's [Student Absence portal](#). Students must not provide medical or compassionate documentation directly to the instructor(s). If academic consideration is formally approved through the [Student Absence portal](#) for a second lab absence, the weight(s) of the excused component will be redistributed onto your completed labs. If a student misses more than one lab without approved consideration, a grade of zero will be assigned to those labs.

3. **LAB ASSIGNMENTS:** Lab assignments are due one week (7 days) after your scheduled lab session by 11:59PM via OWL/Brightspace. Each lab assignment is worth 5% of your final grade. Should extenuating circumstances arise, you are permitted to submit your assignment up to 72 hours past the deadline without a late penalty. No Academic Consideration is required for this extension. Students submitting their assessment beyond the 72-hour no late penalty will receive a zero. Academic consideration requests through the [Student Absence portal](#) will only be considered if the extenuating circumstance started before the 72-hour no-late penalty and lasted longer than the 72-hour no-late penalty. Students must not provide medical or compassionate documentation to the instructor(s).

If you miss a scheduled lab session for any reason (with or without Academic Consideration), **it is your sole responsibility to connect with your peers to obtain the necessary data, notes, and information required to complete the corresponding lab assignment.** Lab content is delivered in-person and will not be posted or distributed online for those who are absent.

4. **FINAL EXAM:** You cannot use undocumented absences for final exams. Students who experience extenuating circumstances and receive approved academic considerations to miss the final exam

must write the Special Make-Up exam. This is administered on the first or second week of January. If this make-up is missed with approved considerations, the student will be expected to write the exam with the next offering of the course (e.g., Dec 2027). If a student misses a final exam without approval, the grade will be zero.

QUICK REFERENCE SUMMARY:

Scenario	What happens to your grade?	Do you need to submit a request to SAP?
You miss 1 lab session	Automatically dropped (becomes lowest grade).	No. See syllabus policy.
You miss a 2 nd lab session	Receives a grade of zero (unless formal academic consideration is approved)	Yes. You must submit a request via SAP.
You have approved academic consideration for a 2 nd lab session	Weight is removed and re-distributed onto your remaining completed labs.	Yes. Formal approval shifts grading weight.
You miss 3+ lab sessions	Debarred from final exam and failure (F) in the course, with or without approved consideration request.	N/A (Fails to meet mandatory course threshold to meet learning objectives).
You need 1-72 extra hours for a lab assignment	Submitted with zero penalty within the 72 hours of the deadline.	No. See syllabus policy.

General information about assessments

- ☒ All assignments are due at 23:59 EST unless otherwise specified
- ☒ You are responsible for ensuring that the correct file version is uploaded; incorrect submissions including corrupt files could be subject to late penalties (see below) or a 0
- ☒ Written assignments will be submitted to Turnitin (statement in policies below)
- ☒ You will have access to Turnitin reports before your submission is graded.
- ☒ After an assessment is returned, you should wait 24 hours to digest feedback before contacting their teaching assistant; to ensure a timely response, reach out within 7 days
- ☒ Prior to the filing of a written request for relief, you should attempt to resolve the concern regarding a mark or grade through informal consultation with your assigned TA, and then your instructor. If you are dissatisfied with the decision of the instructor or you do not receive a decision from the instructor, a written request for relief must be submitted to the Undergraduate Chair of the School offering this course, within three (3) weeks from the date that the mark was issued.

The table below outlines University-wide grade descriptors.

Letter grade	Number grade	Description
A+	90-100	One could scarcely expect better from a student at this level
A	80-89	Superior work which is clearly above average
B	70-79	Good work, meeting all requirements, and eminently satisfactory
C	60-69	Competent work, meeting requirements
D	50-59	Fair work, minimally acceptable
F	below 50	Fail

The final grade documented is the grade that you have achieved. There is no rounding to the next grade level, or 'giving away' of marks. Please don't ask me to do this for you; the response will be "please review the course outline where this is presented".

INC (Incomplete Standing): If a student has been approved by the Academic Advising Office (in consultation with the instructor/department) to complete term work at a later date, an INC will be assigned. Students with INC will have their course load in subsequent terms reduced to allow them to complete outstanding course work. Students may request permission from Academic Advising to carry a full course load for the term the incomplete course work is scheduled.

SPC (Special examination): If a student has been approved by the Academic Advising Office to write a Special Examination and the final exam is the only outstanding course component, an SPC will be assigned. If the class has a makeup exam, the student is expected to write the makeup exam. If the class doesn't have a makeup exam or the student misses the makeup exam for reasons approved by the Academic Advising Office, the student will write the exam the next time the course is offered. Outstanding SPCs will reduce the course load for the term the exam is deferred as outlined in [Types of Examinations](#) policy

Academic Policies and Statements

Support Services

There are various support services around campus and these include, but are not limited to:

1. Academic Support and Engagement - <http://academicsupport.uwo.ca>
2. Wellness and Well-being - <https://www.uwo.ca/health/>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>

The websites for Registrarial Services (<http://www.registrar.uwo.ca>), and the same for affiliated university colleges when appropriate, and any appropriate Student Support Services (including the services provided by the USC listed here: <http://westernusc.ca/services/>) and the Student Development Services, should be provided for easy access. Students who are in emotional/mental distress should refer to Mental Health@Western (<https://www.uwo.ca/health/>) for a complete list of options about how to obtain help.

Statement on Gender-Based and Sexual Violence

Western is committed to reducing incidents of gender-based and sexual violence and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced sexual or gender-based violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts at:

https://www.uwo.ca/health/student_support/survivor_support/get-help.html.

Statement on Harassment and Discrimination

Western is committed to providing a learning and working environment that is free of harassment and discrimination. All students, staff, and faculty have a role in this commitment and have a responsibility to ensure and promote a safe and respectful learning and working environment. Relevant policies include Western's Non-Discrimination/Harassment Policy (M.A.P.P. 1.35) and Non-Discrimination/Harassment Policy – Administrative Procedures (M.A.P.P. 1.35). Any student, staff, or faculty member who experiences or witnesses' behaviour that may be harassment or discrimination **must report the behaviour** to the Western's Human Rights Office. Harassment and discrimination can be human rights-based, which is also known as EDI-based, (sexism, racism, transphobia, homophobia, islamophobia, xenophobia, antisemitism, and ableism) or non-human rights-based (personal harassment or workplace harassment).

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at Western University, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed and set out the disciplinary procedures that the University will follow. For more information, visit <https://www.uwo.ca/univsec/pdf/board/code.pdf>

Absence from Course Commitments

Students must familiarize themselves with the Policy on [Academic Consideration – Undergraduate Students in First Entry Programs](#)

Students missing course work for medical, compassionate, or extenuating circumstances can request academic consideration by completing a request at the [central academic consideration portal](#). Students are permitted one academic consideration request per course per term **without** supporting documentation. Note that supporting documentation is **always** required for academic consideration requests for examinations scheduled by the office of the registrar (e.g., December and April exams) and for practical laboratory and performance tests (typically scheduled during the last week of the term).

Students should also note that the instructor may **designate** one assessment per course per term that requires supporting documentation. This designated assessment is described elsewhere in this document. Academic consideration requests may be denied when flexibility in assessment has already been included. Examples of flexibility in assessment include when there are assessments not required for calculation of the final grade (e.g. 8 out of 10 quizzes), when there is flexibility in the submission timeframe (e.g. 72 hour no late penalty period), or when timed assessments (e.g., quizzes) are available over an extended period of time (e.g., when you are given a 72 hour time period to start – and finish – the assessment).

Please note that academic considerations in this course are granted by the academic advisors in your home unit and implemented by the instructor of this course in accordance with information presented in this course syllabus. Supporting documentation for academic considerations for absences due to illness should use the [Student Medical Certificate](#) or, where that is not possible, equivalent documentation by a health care practitioner. If your absence relates to accommodations that are already supported by [Accessible Education](#), please work with your accessible education counsellor regarding your missed course work.

Accommodation for Religious Holidays

Students should review the policy for [Accommodation for Religious Holidays](#). Where a student will be unable to write examinations and term tests due to a conflicting religious holiday, they should inform their instructors as soon as possible but not later than two weeks prior to writing the examination/term test. In the case of conflict with a midterm test, students should inform their instructor as soon as possible but not later than one week prior to the midterm.

Special Examinations

A Special Examination is any examination other than the regular examination, and it may be offered only with the permission of the Dean of the Faculty in which the student is registered, in consultation with the instructor and Department Chair. Permission to write a Special Examination may be given on the basis of compassionate or medical grounds with appropriate supporting documents. To provide an opportunity for students to recover from the circumstances resulting in a Special Examination, the University has implemented Special Examination dates. The Faculty of Health Sciences has set School-specific dates for these Special Examinations. Please speak with your instructor about the date on which the Special Examination for this course will be held.

Scholastic Offences

Scholastic offences are taken seriously and students are directed to read the policy on [Scholastic Discipline for Undergraduate Students](#).

Plagiarism

Student work is expected to be original. Plagiarism is a serious academic offence and could lead to a zero on the assignment in question, a zero in this course, or your expulsion from the university. You are plagiarizing if you insert a phrase, sentence or paragraph taken directly from another author without acknowledging that the work belongs to him/her. Similarly, you are plagiarizing if you paraphrase or summarize another author's ideas without acknowledging that the ideas belong to someone else. All papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between Western University and Turnitin.com (www.turnitin.com).

Use of Artificial Intelligence for the Completion of Course Work

Within this course, you may only use artificial intelligence tools (e.g., “ChatGPT”) in ways that are specifically authorized by the course instructor. All submitted work must reflect your own thoughts and independent written work.

Re-submission of Previously Graded Material

Without the explicit written permission of the instructor, you may not submit any academic work for which credit has been obtained previously, or for which credit is being sought, in another course or program of study in the University or elsewhere.

Use of Statistical Pattern Recognition on Multiple Choice Exams

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Accessibility Statement

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Accessible Education (AE) at 661-2111 x 82147 for any specific question regarding an accommodation or review [The policy on Accommodation for Students with Disabilities](#). If you think you may qualify for ongoing accommodation (e.g. separate room to write exams, flexibility with deadlines, etc.) that will be recognized in all your courses, we encourage you to visit [Accessible Education](#) for more information.

Correspondence Statement

The centrally administered e-mail account provided to students will be considered the individual’s official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at their official university address is attended to in a timely manner. Students are further expected to attend to announcements presented through Brightspace, and to read emails generated in this way.

Use of Electronic Devices

During Exams

Unless you have medical accommodations that require you to do so, or explicit permission from the instructor of the course, you may not use any electronic devices (e.g., cell phones, tablets, cameras, smart glass, smart watches, or iPods) during ANY tests, quizzes, midterms, examinations, or other in-class evaluations. **These devices MUST either be left at home or with your belongings at the front of the room. They MUST NOT be at your test/exam desk or in your pocket. Any student found with a prohibited device will be referred for investigation of a Scholastic Offence, per the policy listed above. The typical first-offence penalty for possession of a prohibited device is zero on the test or exam.**

During Lectures and Tutorials

Although you are welcome to use a computer during lecture and tutorial periods, you are expected to use the computer for scholastic purposes only, and refrain from engaging in any activities that may distract other students from learning. From time to time, your professor may ask the class to turn off all computers, to facilitate learning or discussion of the material presented in a particular class.

Copyright and Audio/Video Recording Statement

Course material produced by faculty is copyrighted and to reproduce this material for any purposes other than your own educational use contravenes Canadian Copyright Laws. Unless explicitly noted otherwise, you may not make audio or video recordings of lectures – nor may you edit, re-use, distribute, or re-broadcast any of the material posted to the course website.

Contingency Plan for an In-Person Class Pivoting to 100% Online Learning

In the event of a situation that requires this course to pivot to online content delivery, all remaining course content will be delivered entirely online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on Brightspace for students to view at their convenience). The grading scheme will **not** change. Any remaining assessments will also be conducted online as determined by the course instructor

Note that disruptive behaviour of any type during online classes, including inappropriate use of the chat function, is unacceptable. Students found guilty of Zoom-bombing a class or of other serious online offenses may be subject to disciplinary measures under the Code of Student Conduct.

Online Proctoring

Tests and examinations in this course may be conducted using a remote proctoring service. By taking this course, you are consenting to the use of this software and acknowledge that you will be required to provide **personal information** (including some biometric data) and the session will be **recorded**. Completion of this course will require you to have a reliable internet connection and a device that meets the technical requirements for this service. More information about this remote proctoring service, including technical requirements, is available on Western's Remote Proctoring website at: <https://remoteproctoring.uwo.ca>.

Academic Appeals and Scholastic Offences

Students can file a **request for relief from academic decisions** if the request is based on one or more grounds listed in the policy. Students can read more about the policy [here](#) and a link to the procedures is listed in the Support Services sections of this document.

Students may **appeal** some academic and scholastic disciplinary decisions by a Dean or their designate, to the Senate Review Board Academic (SRBA). Students can read more about the policy [here](#) and a link to the procedures is listed in the Support Services section of this document.