

Western University
Faculty of Health Sciences
School of Kinesiology

**KIN 3457A - Cognitive Ergonomics
Fall 2021**

Instructor: Dr. Anita Christie Office: Arts & Humanities Bldg Rm 3G16 Email: achris95@uwo.ca Phone: 519/661-2111 x80984 Office Hrs: by appointment TAs:	Lectures: Tu 8:30am - 9:30am Th 8:30am 10:30am Tutorial 002 Tu 9:30am-10:30am Instruction Mode: In-person: UCC56
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NOTE: m

1. Appreciate issues germane to both ergonomic research and consulting. The learning culture for this class is to treat students as ergonomic consultants and to expect their behavior to mimic that of a professional in the field.
2. Understand and be able to think with example concepts/topics in cognitive ergonomics.
3. Have practical experience using some of the knowledge and methodologies employed in the field to understand safety promotion/injury prevention, work design, and work/job assessment.
4. work effectively in teams
5. demonstrate professionalism through listening, and through written and oral communication
6. Demonstrate creativity and critical thinking in problem solving

Course Format:

This course will be provided online, with synchronous learning sessions, meaning lectures will be held in real-time at the scheduled class time. It is strongly to your benefit to virtually attend these live sessions. Please see below for policies about online etiquette for this course.

All of the remote learning sessions for this course will be recorded. The data captured during these recordings may include your image, voice recordings, chat logs and personal identifiers (name displayed on the screen). The recordings will be used for educational purposes related to this course, including evaluations. The recordings may be disclosed to other individuals under special circumstances. Please contact the instructor if you have any concerns related to session recordings. Participants in this course are not permitted to record the sessions, except where recording is an approved accommodation, or the participant has the prior written permission of the instructor.

COURSE OVERVIEW

WEEK	TOPIC
Week 1 (Sept 9)	Introduction
Week 2 (Sept 14/16)	H
Week 3 (Sept 21/23)	Decision Making
Week 4 (Sept 28/Sept 30)	Mental Workload
Week 5 (Oct 5/7)	Dual-task control
Week 6 (Oct 12/14)	Motor Learning
Week 7 (Oct 19/21)	Review/Midterm

Course Evaluation:

Grade Source	Percentage of Course Grade
Mid-term Exam	25%
Final Exam	30%
Quizzes (best 5 of 6)	5%
	5%
Pedestrian Behaviour Assignment	5%
Zombie Law Team Assignment	30%
Final Report (20)	
Rubric (5)	
Peer evaluation (5)	
Total	100%

Exams (Mid-

Statement of Online Etiquette

Some components of this course will involve online interactions. To ensure the best experience for both you and your classmates, please honour the following rules of etiquette:

please use your computer and/or laptop if possible (as opposed to a cell phone or tablet)
ensure that you are in a private location to protect the confidentiality of discussions in the event that a class discussion deals with sensitive or personal material
to minimize background noise, kindly mute your microphone for the entire class until you are invited to speak, unless directed otherwise

connection becomes unstable
unless invited by your instructor, do **not** share your screen in the meeting

The course instructor will act as moderator for the class and will deal with any questions from participants. To participate please consider the following:

before beginning your comment or question
remember to unmute your microphone and turn on your video camera before speaking
self-identify when speaking.
remember to mute your mic and turn off your video camera after speaking (unless directed otherwise)

Keep in mind the different cultural and linguistic backgrounds of the students in the course. Be courteous toward the instructor, your colleagues, and authors whose work you are discussing.

Be respectful of the diversity of viewpoints that you will encounter in the class and in your readings. The exchange of diverse ideas and opinions is part of the scholarly environment.

Be professional and scholarly in all online postings. Cite the ideas of others appropriately.

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

obituary, police report, accident report, court order, etc.) to Academic Counselling in their Faculty of registration. Do not be eligible for academic consideration. Students are encouraged to contact their Academic Counselling unit to clarify what documentation is appropriate.

Students seeking academic consideration **must communicate with their instructors no later than 24 hours** after the end of the period covered by either the self-reported absence or SMC, or immediately upon their return following a documented absence.

The following conditions are in place for self-reporting of medical or extenuating circumstances:

a. a maximum of two self-reported absences between September and April and one self-reported absence between May and August;

b. any absences in excess of the number designated in clause a above will require students to present a Student Medical Certificate (SMC) or appropriate documentation supporting extenuating circumstances to the Academic Counselling unit in their Faculty of registration no later than two business days after the date specified for resuming classes.

c. The duration of the excused absence will be for a maximum of 48 hours from the time the Self-Reported Absence form is completed through (m)-7()5(i)-4(s)11()5(compl)8(et)4(ed)4(t)5(hrou)12(fcr(m)-7()5(i)-4(s

Rounding of Grades (for example, bumping a 79 to 80%):

This is a practice some students request. **This practice will not occur here.** The edges of this course are clear and sharp. The mark attained is the mark you achieved and the mark assigned; there is no rounding to the n

8. **Classroom Behaviour:** Class will begin promptly at the time specified at the top of page one of this syllabus. In the event that you must arrive late, please enter the classroom with a minimal disturbance to the class. Please keep all electronic devices on silent and avoid distracting classmates.

9. **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>