

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

**KIN 4430F – Neuromuscular Physiology**  
**Fall 2021**

**Instructor:** Dr. Anita Christie

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**Phone:** 519/661-2111 x80984

**Office Hrs:** by appointment

**Lectures:** Tu 1:30pm - 3:30pm

Th 1:30pm 2:30pm

**Instruction Mode:** In-

**Instructor:** Dr. Charles Rice

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**TAs:**



**Course Evaluation:**

Grade Source	Percentage of Course Grade
Quizzes	5%
Term Assignment Proposal	5%
Term Assignment	25%
Mid-term Exam	30%
Cumulative Final Exam	35%
<b>Total</b>	<b>100%</b>

**Quizzes (5%):** Quizzes will be completed through Owl, with a time limit. They will be available from Friday-Tuesday on weeks when they are assigned. There will be **no make-up quizzes**.

**Term Assignment (30%):** - Students will choose a topic related to skeletal muscle function or the neural control of skeletal muscle and write a brief comprehensive review of the topic. A minimum of 5 primary, peer-reviewed journal articles is required. A brief one-page typed (double-spaced) proposal including: the topic, key points to be addressed, and a list of the references to be used, is due **Thursday**.

## **COURSE OVERVIEW**

<b>TOPIC</b>	<b>INSTRUCTOR</b>
<b>Introduction</b>	Rice, Christie

### **Skeletal muscle – structure & function; and the motoneurone**

introduction/review of muscle, structure/function,  
related factors in control of force and phenotypic  
determinants.

model of striated muscle





commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking 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 <http://www.turnitin.com>

B) 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

registration in order to 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;



