

PHGY 311
CHANNELS, SYNAPSES & HORMONES

Course Schedule - Fall 2019

M.W.F. from 9:35am – 10:25am
Macdonald-Harrington Bldg., Room G10

LECTURERS:

Dr. Ellis Cooper (Coordinator), Room 1127, McIntyre, 514-398-4334, ellis.cooper@mcgill.ca
(Office Hours: 2:00pm - 4:00pm on Wednesdays)

Dr. A. Krishnaswamy, Room 169, Bellini Building, 514-398-8589, arjun.krishnaswamy@mcgill.ca

Dr. R. Sharif Naeini, Room 171, Bellini Building, 514-398-5361, reza.sharif@mcgill.ca

Dr. J. Sjostrom, Montreal General Hospital, Room L7-225, 514-934-1934 x44561, jesper.sjostrom@mcgill.ca

DATE	LECTURE TITLE	LECTURER
September 4 – 25	Ion Channels, Postsynaptic Receptors, and Neuronal Excitability	Dr. E. Cooper
<i>Monday, September 16, 2019</i>	<i>Class Test 1</i>	
<i>Wednesday, September 25, 2019</i>	<i>Class Test 2</i>	
September 27 – Oct. 23	Presynaptic Mechanisms and Synaptic Plasticity	Dr. J. Sjostrom
<i>Friday, October 4, 2019</i>	<i>Class Test 3</i>	
<i>Monday, October 14, 2019</i>	THANKSGIVING – NO CLASS	
<i>Monday, October 21, 2019</i>	CLASS CANCELLED	
<i>Wednesday, October 23, 2019</i>	<i>Class Test 4</i>	
October 25 – November 13	Mechanosensory Transduction and Pain	Dr. R. Sharif
<i>Friday, November 1, 2019</i>	<i>Class Test 5</i>	
<i>Wednesday, November 13, 2019</i>	<i>Class Test 6</i>	
November 15 – December 3*	Signaling in the Retina	Dr. A. Krishnaswamy
<i>Friday, November 22, 2019</i>	<i>Class Test 7</i>	
<i>Tuesday, December 3, 2019*</i>	<i>Class Test 8</i>	

***Tuesday, December 3, 2019 follows a “Monday” schedule**

DATES OF CLASS TESTS

Test #1: Monday, September 16, 2019

Test #2: Wednesday, September 25, 2019

Test #3: Friday, October 4, 2019

Test #4: Wednesday, October 23, 2019

Test #5: Friday, November 1, 2019

Test #6: Wednesday, November 13, 2019

Test #7: Friday, November 22, 2019

Test #8: Tuesday, December 3, 2019 – *follows a “Monday” schedule*

Grading Scheme

Term Mark (40%): *Class Tests: 5% each [8 Class Tests]

Option:** *Instead of writing the class test in class, you can complete it at home and submit it on myCourses **BEFORE** the next class. **The maximum grade for this option is 3%.

Final Exam (60%): *This will cover the entire course.*

NOTE:

- Once the mark for the test has been posted on *myCourses*, you will have up to **1 week** to review your test for any discrepancies in marking. After one week, the mark for the test will not be changed.
- If you miss any of the class tests, ***you MUST BRING a doctors' note or other supporting document to the main office, room 1021 McIntyre Building within 2 weeks of the test date. If a legitimate note is not provided, you will receive a mark of zero.***
- ***If you miss 2 or more class tests for legitimate reasons, then the final exam is worth 85%.***

DEFERRED/SUPPLEMENTAL EXAM

Usually essay format and covers the entire course. Permission to write this exam must be obtained from the Associate Dean of Science. (Please contact Service Point for more information).

COURSE EVALUATION

The course evaluation will be made available through Minerva in November. More details will be given in class.

REFERENCE LIST

Required Texts:

Kandel, Eric R., et al. Principles of Neural Science, 5/e. New York: McGraw-Hill, 2012.

Hardcopies can be purchased at the bookstore.

Recommended References:

- Nicholls, John G., et al. From Neuron to Brain, 5th ed. Sunderland, Massachusetts: Sinauer Associates, Inc., 2012.

PLUS: Any web-based articles assigned during class.

NOTE: All texts are on reserve at the Humanities and Social Sciences Library (located in the McLennan Building).

McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see <http://www.mcgill.ca/students/srr/honest/> for more information).

Every student has the right to write term papers, examinations, and theses in English or French, except in courses where knowledge of the language is one of the objectives of the course.

In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in this course is subject to change.

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