

PHGY 311
CHANNELS, SYNAPSES & HORMONES

Course Schedule - Fall 2018

M.W.F. from 8:35 am – 9:25 am
Engineering Trottier Bldg., Room 100
(3630 University Street)

LECTURERS:

Dr. Ellis Cooper (Coordinator), Room 1127, McIntyre, 514-398-4334, ellis.cooper@mcgill.ca
(Office Hours: 2:00pm - 5:00pm on Mondays only)

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 5 – 28	Ion Channels, Postsynaptic Receptors, and Neuronal Excitability	Dr. E. Cooper
<i>Monday, September 17, 2018</i>	<i>Class Test 1</i>	
<i>Friday, September 28, 2018</i>	<i>Class Test 2</i>	
<i>Monday, October 1, 2018</i>	<i>ELECTION DAY – CLASS CANCELLED</i>	
October 3 – 22	Presynaptic Mechanisms and Synaptic Plasticity	Dr. J. Sjostrom
<i>Monday, October 8, 2018</i>	<i>THANKSGIVING – NO CLASS</i>	
<i>Friday, October 12, 2018</i>	<i>Class Test 3</i>	
<i>Monday, October 22, 2018</i>	<i>Class Test 4</i>	
October 24 – November 9	Mechanosensory Transduction and Pain	Dr. R. Sharif
<i>Wednesday, October 31, 2018</i>	<i>Class Test 5</i>	
<i>Friday, November 9, 2018</i>	<i>Class Test 6</i>	
November 12 – 28	Signaling in the Retina	Dr. A. Krishnaswamy
<i>Monday, November 19, 2018</i>	<i>Class Test 7</i>	
<i>Wednesday, November 28, 2018</i>	<i>Class Test 8</i>	
<i>Friday, November 30, 2018</i>	<i>REVIEW</i>	<i>EC, JS, RS, AK</i>

DATES OF CLASS TESTS

Test #1: *Monday, September 17, 2018*

Test #2: *Friday, September 28, 2018*

Test #3: *Friday, October 12, 2018*

Test #4: *Monday, October 22, 2018*

Test #5: *Wednesday, October 31, 2018*

Test #6: *Friday, November 9, 2018*

Test #7: *Monday, November 19, 2018*

Test #8: *Wednesday, November 28, 2018*

Grading Scheme

Term Mark: 32% - *[Class Test: 4% - 8 Class Tests]*

Final Exam: 68% - This will cover the entire course.

OR

Term Mark: 25%

Final Exam: 75% - 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 you will have the option of writing a make-up test or have the final exam 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 Life Science Library, 3rd floor, McIntyre Medical 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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