

Psychology/Biology 2606 Introduction to Behavioural Neuroscience – Winter, 2024

COURSE INFORMATION

Instructor: David R. Brodbeck, Ph.D.

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Office: SH 506

Office Hours: TBA

Time and Location of Lectures: Tuesdays and Thursdays, 1:00-2:30, EW 200

Website: www.davebrodbeck.com (lecture materials, powerpoints etc are here, I don't use the LMS)

Blog: <http://people.auc.ca/brodbeck/blog>

Twitter hashtag: #PSYC2606

TEXTBOOK

Kolb, B., & Wishaw, I. Q. (2019). An Introduction to Brain and Behavior.

COURSE OBJECTIVES

This course is a basic introduction to Neuroscience. The course will give you an overview of brain function in human and non-human animals. Neuroscience is probably the fastest growing area of psychology. It has been said that 90 % of what we know about the brain, we learned in the last 10 years. Neuroscience touches on everything from social behaviour to perception (heck, without a brain, there wouldn't be much behaviour!)

EVALUATION

Tests: (Test 1, February 8, 2024 = 30 %, Test 2, March 21, 2023 = 30 %)

There will be two term tests in this course. They will consist of short answer questions, essay type questions and a diagram or list or something like that.

Final Exam, in April exam period = 40 %

These tests, and the final, are in person, with a paper and a pen(cil), **they are not online.**

LECTURE SCHEDULE

January 9	Hello, my name is Dave	
11	History	
16	History	Chapters 1,7
18	Organization	
23	Organization	Chapter 2
25	Cells	
30	More Cells!	Chapter 3
February 1	Why with electrical impulses!	Chapter 4
6	Oh, and chemistry....	Chapters 5,14
8	Test 1 (Ch. 1-5,7,14)	
13	This is your brain	
15	on drugs	
27	and hormones	Chapter 6
29	Development	
March 5	Development	Chapters 8
7	Vision	
12	Vision	Chapter 9
14	Hearing and	
19	Language	Chapter 10
21	Test 2 (Chs. 6, 8-10)	
26	Motor systems	Chapter 11
28	Causal Mechanisms	Chapter 12
April 2	Thinking	Chapter 15,16
4	Review	

This is an exceedingly ambitious pace, so I would not be surprised if we did not get all of these topics done. The lecture topics are not set in stone, the dates for tests are.

Oh and if you have kids, and you can't get childcare, or if you have to look after your little brother or sister some day or something, they are more than welcome to come to class. I mean it will likely bore the hell out of them, but they're welcome.

CELLPHONE/COMPUTER/TABLET POLICY

If you prefer to take notes with your laptop/tablet that is fine. If I find you chatting or checking out youtube videos or doing anything that has nothing to do with the class you will be asked to leave (and it won't really be a request....).

Your phone **MUST** be on silent in class. This is common courtesy. I do **NOT** want to hear a phone ring. I do **NOT** want to have to pick up your phone and tell the person on the other end of the call that he or she is a jerk who is interrupting my class. You are not to text in class. Now, if you want to use twitter to post questions or comments feel free, the hashtag is listed above.

Do NOT wear headphones in class.

ACADEMIC DISHONESTY

The University takes a very serious view of such offences as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced.

The following web site contains a complete policy statement on academic dishonesty and attendance. Students are encouraged to read this policy for further clarification of these issues:
<https://my.algomau.ca/tools/documents/policies/Students/Disciplinary%20Regulations%20on%20Academic%20Dishonesty.pdf>

MISSED TESTS/ASSIGNMENTS

Please contact me ASAP so we can set something up. An acceptable excuse (e.g., illness) will likely result in a make up test. Workload is NOT an acceptable excuse (i.e., “But I have three papers due and a test next week.” My response to this is “Welcome to University!”)