



Psychology 1031 Syllabus (Online Course)

Introduction to Psychology and Neuroscience I: From Neuron to Person
September 5th – December 4th, 2024

INSTRUCTOR INFORMATION

Name	E-mail*	Office Hour Time	Specifics
Dr. Libby Myles	libby.myles@dal.ca	Tuesdays 1-3 PM via Teams meeting	15-minute slots; Email by 5 PM Monday to book for the next day.

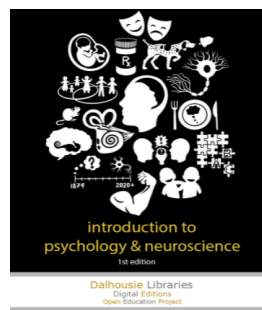
*Please include the course code (1031) in the subject line and be sure to check the syllabus or Brightspace before sending your email. Emails will be answered (within 48 hours) during regular working days/hours (M-F; 9 to 5 PM) even on days when quizzes and labs are due. On days with a Unit exam, I will be monitoring my email during the availability window **only** (8 AM to 8 PM); keep this in mind when planning your start time.

COURSE DESCRIPTION

PSYO 1031 is the online equivalent of PSYO 1011. Material covered includes historical background, research methodology, neural mechanisms that underlie behaviour, sensory and perceptual processes, states of consciousness, learning, and memory. All content for this course (quizzes, labs, exams) will be delivered and completed through Brightspace. All deadlines and times are in **Atlantic time**. Some course content contains online resources (e.g., YouTube videos). **Students connecting to online resources** (e.g., YouTube videos) **from outside of Canada** are responsible for ensuring that they are aware of and in compliance with applicable laws within the country from which they are connecting.

REQUIRED READING

Online open access textbook with embedded Tricky Topic videos.
FREE via this link: <https://caul-cbua.pressbooks.pub/intropsychneuro/>



GRADING SCHEME

Quizzes: 3% total (best 4 of 6 quizzes x 0.75% each)

Labs: 25% total (5 labs x 5% each)

Unit 1 Exam: 24%

Unit 2 Exam: 24%

Unit 3 Exam: 24%

Possible Bonus from Discussion Participation (see dates below): 1%

Possible Bonus from SONA: 2%

UNIT DATES AND ASSESSMENT DEADLINES

Unit 1

8:00 AM, Thurs., Sept. 5th – 11:59 PM, Wed., Oct. 2nd

Lessons 1-5

Includes Chapters 1-3 and the associated Tricky Topic videos.

Quiz 1: Fri., Sept. 13th

Lab 1: Tues., Sept. 17th

Quiz 2: Fri., Sept. 27th

Lab 2: Tues., Oct. 1st

EXAM 1: Wed., Oct. 2nd

Unit 2

8:00 AM, Thurs., Oct. 3rd – 11:59 PM, Wed., Oct. 30th

Lessons 6-9

Includes Chapters 4, 5 and the associated Tricky Topic videos.

Quiz 3: Fri., Oct. 11th

Lab 3: Tues., Oct. 15th

BONUS DISCUSSION 1: Thurs., Oct. 17th

Quiz 4: Fri., Oct. 25th

Lab 4: Tues., Oct. 29th

EXAM 2: Wed., Oct. 30th

Unit 3

8:00 AM, Thurs., Oct. 31st – 11:59 PM, Wed., Dec. 4th

READING WEEK: Nov. 11th to 15th

Lessons 10-13

Includes Chapters 6, 7 and the associated Tricky Topic videos.

Quiz 5: Fri., Nov. 8th

Lab 5: Tues., Nov. 19th

BONUS DISCUSSION 2: Thurs., Nov. 21st

Quiz 6: Fri., Nov. 29th

EXAM 3: Wed., Dec. 4th

EXAMS

What?

Assessments designed to deeply evaluate your knowledge of content from each Unit.

There will be (1) **non-cumulative** exam at the end of each course Unit (3 total).

Each exam is worth 24%, for a total of **72%** of your final grade.

Exams will contain **(36) questions** (multiple-choice and multi-select format) and be worth **24 points**.

Where?

Exams are completed **online** via Brightspace.

When?

Open at 8:00 AM on the below Wednesdays; **start by 11:59 PM** on the below Wednesdays

Unit 1	Unit 2	Unit 3
Exam 1: Wed., Oct. 2nd	Exam 2: Wed., Oct. 30th	Exam 3: Wed., Dec. 4th

All exams will **open at 8 AM** and **close at 7:59 PM** Atlantic time on the dates above.

You must **start** exams by **7:59 PM** on each above date to be able to complete them.

Once you start an exam, you will have **80 minutes** to complete it.

Grades and your responses (**without** correct answers) will appear on the following Wednesday at 8 AM. Practice Unit exams will open at 8 AM (2 weeks before) and close when the Unit exam opens (7:59 AM).

See page 6 for policies on Missed Unit Exams.

QUIZZES

What?

Short evaluations designed to assess basic knowledge of material from readings and videos.

Of your (6) quizzes, your 2 lowest quizzes will be dropped (including incomplete quizzes).

There will be (2) quizzes per Unit (6 total; 2 dropped) worth 0.75% each, for a total of **3%**.

Quizzes will contain a combination of multiple-choice and multi-select questions and be worth **10 points**.

Where?

Quizzes are completed **online** via Brightspace.

When?

Open at 8:00 AM on the date Units open; **start by 11:59 PM** on the below Fridays

Unit 1	Unit 2	Unit 3
Quiz 1: Fri., Sept. 13th	Quiz 3: Fri., Oct. 11th	Quiz 5: Fri., Nov. 8th
Quiz 2: Fri., Sept. 27th	Quiz 4: Fri., Oct. 25th	Quiz 6: Fri., Nov. 29th

All quizzes will **open at 8 AM** when Units open (i.e., Units 1, 2, or 3) and close at **11:59 PM**.

You must **start** the quizzes by **11:59 PM** on each above date to be able to complete them.

Once you start a quiz, you will have **30 minutes** to complete it.

Grades and your responses (**without** correct answers) will appear the next day at 8 AM.

There are **no make-ups** for missed quizzes; your two lowest scores will be dropped.

Missed quizzes will be given a grade of **zero** (see page 6 for full policies).

LABS

What?

Interactive and thought-provoking activities designed to complement class material.

This course has (5) labs that are, in total, worth **25%** of your final grade (5 labs x 5%)

Labs consist of a pre-lab activity (1%) and two lab activities (Part A and B; 2% each) → 5% total

Teaching assistants are responsible for labs and lab grading (see Brightspace for contact information).

Where?

Labs are completed **online** via Brightspace.

You will see all 3 activities (in both “Content” and “Quizzes”); you can read descriptions before starting.

After reviewing descriptions, contact your TA **before** starting that lab activity if you have questions.

When?

Open at 8 AM on the date Units open; **due by 11:59 PM** on the below Tuesdays

<i>Unit 1</i>	<i>Unit 2</i>	<i>Unit 3</i>
Lab 1: Tues., Sept. 17th	Lab 3: Tues., Oct. 15th	Lab 5: Tues., Nov. 19th
Lab 2: Tues., Oct. 1st	Lab 4: Tues., Oct. 29th	

All labs will **open at 8 AM** when Units open (i.e., Units 1, 2, or 3).

Lab activities (i.e., Pre-Lab, Part A, and Part B) are **due by 11:59 PM** on the dates above.

There are **no make-ups** for missed labs; they are open for an extended period of time before the due date.

Labs submitted beyond 48 hours late will be given a grade of **zero**.

Labs submitted between 30 mins. and 48 hours late will receive a deduction (**see page 6 for full policies**).

Pre-Lab grades and your responses (**with** correct answers) will appear on the following Friday at 8 AM.

Parts A and B are graded by TAs; grades and feedback will appear when grading is complete.

BONUS POINTS FROM DISCUSSION PARTICIPATION

What?

Online forum to discuss and share ideas to take the material beyond what is presented in the text.

You may earn **up to 1% bonus** by participating in Brightspace discussion topics (2 discussions x 0.5%).

Where?

Both discussions are completed on Brightspace via the “Discussions” tab.

When?

Open at 8 AM on the date Units open; **due by 11:59 PM** on the below Thursdays

<i>Unit 1</i>	<i>Unit 2</i>	<i>Unit 3</i>
No discussions!	Discussion 1: Thurs., Oct. 17th	Discussion 2: Thurs., Nov. 21st

Both bonus discussions will **open at 8 AM** when the associated Unit opens (i.e., Units 2 or 3).

Participation must be **complete by 11:59 PM** on the dates above or the topics will close.

If you create (1) **complete** thread in a topic, 0.5% bonus will be added to your final mark (up to 1% total).

There are **no make-ups** for missed discussions; they are bonus material.

BONUS POINTS FROM SONA

What?

You may earn **up to 2% bonus** by participating in designated research projects in the Department of Psychology & Neuroscience.

Where?

Go to: http://www.dal.ca/faculty/science/psychology_neuroscience/research/credit-point-information.html

To register or sign-up, you can copy/paste the above link into your browser or click on it.

The link is also on Brightspace (go to “Content” → “Important Course Info” → “Bonus Points: SONA”).

Note: You will need to log in the first time to get a password (different from your password for my.dal.ca).

When?

Complete by **11:59 PM** on Dec. 4th

Any SONA points earned throughout the term will be added to your final grade (up to 2% total).

SONA participation must happen by **11:59 PM on Dec. 4th** in PSYO 1031.

LETTER GRADING

LETTER	A+	A	A-	B+	B	B-	C+	C	C-	D	F
%	90-100	85-89	80-84	77-79	73-76	70-72	65-69	60-64	55-59	50-54	<50

NOTE: TO ENROLL IN ANY HIGHER-LEVEL PSYCHOLOGY COURSES (2000 AND ABOVE) YOU MUST RECEIVE A GRADE OF **B minus or better IN **BOTH** PSYO 1011 (or PSYO 1031) **AND** PSYO 1012 (or PSYO 1032).**

COURSE SCHEDULE

Unit	Lesson	Topic	Chapter	Sections
1	1	Welcome/Course Orientation	N/A	N/A
	2	What is Psychology?	1, 2	1, 2, 4, 11
	3	Methods and Basic Statistics	2	12-14
	4	Biology of Behaviour I: Introduction to the Nervous System	3	19-20
	5	Biology of Behaviour II: Nervous System and the Brain	3	21-22
UNIT 1 EXAM (WEDNESDAY, OCTOBER 2ND)				
2	6	Sensation and Perception I: Vision	4	27-30, 33
	7	Sensation and Perception II: Olfaction, Audition, Gustation, Touch, & Pain	4	31-32
	8	States of Consciousness I: Measuring Consciousness & Sleep	5	38-42
	9	States of Consciousness II: Drugs & Hypnosis	5	43-44
UNIT 2 EXAM (WEDNESDAY, OCTOBER 30TH)				
3	10	Memory I: Encoding & Storage	6	49-50
	11	Memory II: Recall & Forgetting	6	51-53
	12	Learning I: Classical & Operant Conditioning	7	59-61
	13	Learning II: Cognitive & Ecological Perspectives	7	62-63
UNIT 3 EXAM (WEDNESDAY, DEC. 4TH)				

COURSE POLICIES

Grading Policy

Numerical grades are converted to letter grades for your official transcript (see above). Grades will be rounded up at .50 (e.g., an 89.50% is an A+, an 89.49% is an A). **To pass this course**, you must obtain an overall grade of **50% (D)** out of a combination of (3) Unit exams, (5) labs, (4) highest quizzes (out of 6), along with a possible 3 bonus percentage points. HOWEVER, to go on in Psychology or Neuroscience (i.e., enroll in 2nd-year courses or major in Psychology or Neuroscience), you must receive a grade of **B minus** or better in **both** PSYO 1031 (or PSYO 1011) and PSYO 1032 (or PSYO 1012).

Short- and Long-Term Illnesses or Personal Issues

SHORT-TERM ILLNESSES OR PERSONAL ISSUES are described as situations that may require students to miss **3 or fewer consecutive days of school** (e.g., due to minor illness, illness/death of a relative, injuries). For these short-term concerns, a **STUDENT DECLARATION OF ABSENCE (SDA)** must be submitted to the Brightspace dropbox (i.e., fully completed and signed). The SDA form can be found attached to this dropbox (under "Assignments"). **A MAXIMUM OF (1) SDA CAN BE USED IN PSYO 1031.**

LONG-TERM ILLNESSES OR PERSONAL ISSUES are described as situations that may require a student to miss **more than 3 consecutive days of school** (e.g., due to major illness, chronic illness, surgery, illness/death of a close relative, significant injury). For these **long-term concerns**, or if you have already submitted one SDA, Patricia Laws (Student Affairs), must be contacted by you (scieasst@dal.ca), so that case-by-case arrangements can be made if applicable.

Missed Unit Exams

If you miss a Unit exam due to a **short-term illness or personal issue** (see description above), you must **SUBMIT AN SDA BEFORE THE EXAM END TIME** (7:59 PM; Oct. 2nd, Oct. 30th, or Dec. 4th), **unless** there are specific difficulties preventing this. In this rare case, as soon as you are able, please send Dr. Myles an email. If an SDA is submitted, a new Unit exam (i.e., make-up) will occur on a later date at the discretion of Dr. Myles. If you miss a Unit exam due to a **long-term illness or personal issue** (see description above), case-by-case arrangements will be made in consultation with Patricia Laws (see above).

Missed Quizzes

A MISSED QUIZ IS AUTOMATICALLY WORTH ZERO (0). There are **no make-up quizzes**; your 2 lowest quiz marks of 6 will be dropped and they are open for an extended period.

Missed or Late Labs

A MISSED LAB IS AUTOMATICALLY WORTH ZERO (0). There are **no make-up labs** for any reason; they are open for an extended period before the deadline. You can submit late labs **up to 48 hours** after the deadline, but **these are deducted 5% per day late**. There is a **30-minute grace period** for labs because tech issues do happen. Specifically, labs that are less than 30 min. late will not receive a deduction, labs 30 min. to 24 hours late will be deducted 5% (i.e., -5% of the total score on one or more components), and labs 24 to 48 hours late will be deducted 10% (i.e., -10% of the total score on one or more components).

Accommodations

Students may request accommodation as a result of barriers (e.g., disability, religious obligation, or any characteristic under the human rights legislation). Students who require academic accommodation for this course should make their request to the Student Accessibility Centre **prior to or at the outset of the regular academic year**. Please visit www.dal.ca/access for more information.

Studying for Success (SFS)

A variety of study skills workshops that are available for everyone. Virtual and in-person study coaching (free; make an appointment [here](#)) and tutoring (\$20/hour; more information [here](#)) is also available.

WEBSITE: <http://dal.ca/sfs> | **EMAIL:** sfs@dal.ca | **PHONE:** 902-494-3077

Academic Integrity and Plagiarism

CHEATING AND PLAGIARISM IN PSYO 1031 WILL NOT BE TOLERATED. Dalhousie University defines plagiarism as the submission or presentation of the work of another as if it were one's own. It is considered a **serious academic offence** that may lead to the assignment of a **failing grade, suspension, or expulsion** from the University.

It is **VERY IMPORTANT** that you familiarize yourself with the policies surrounding plagiarism at Dalhousie. Please visit plagiarism.dal.ca and complete the **Academic Integrity Module** to learn more.

LEARNING OUTCOMES

Learning outcomes for this course will be included with each of the Lessons (except Lesson 1). Specifically, in the Lesson Overview videos that you can watch prior to working through the content of the Lesson, we will discuss each learning outcome and how it fits with the Lesson and Textbook sections.

Student Resources and Support

UNIVERSITY POLICIES AND PROGRAMS

- **Important Dates in the Academic Year (including add/drop dates):** http://www.dal.ca/academics/important_dates.html
- **Classroom Recording Protocol:** https://www.dal.ca/dept/university_secretariat/policies/academic/classroom-recording-protocol.html
- **Dalhousie Grading Practices Policies:** https://www.dal.ca/dept/university_secretariat/policies/academic/grading-practices-policy.html
- **Grade Appeal Process:** https://www.dal.ca/campus_life/academic-support/grades-and-student-records/appealing-a-grade.html
- **Sexualized Violence Policy:** https://www.dal.ca/dept/university_secretariat/policies/health-and-safety/sexualized-violence-policy.html
- **Scent-Free Program:** <https://www.dal.ca/dept/safety/programs-services/occupational-safety/scent-free.html>

LEARNING AND SUPPORT RESOURCES

- **General Academic Support – Advising (Halifax):** https://www.dal.ca/campus_life/academic-support/advising.html
- **General Academic Support – Advising (Truro):** <https://www.dal.ca/about-dal/agricultural-campus/ssc/academic-support/advising.html>
- **Student Health & Wellness Centre:** https://www.dal.ca/campus_life/health-and-wellness.html
- **On Track** (helps you transition into university, and supports you through your first year at Dalhousie and beyond): https://www.dal.ca/campus_life/academic-support/On-track.html
- **Indigenous Student Centre:** https://www.dal.ca/campus_life/communities/indigenous.html
- **Indigenous Connection:** <https://www.dal.ca/about-dal/indigenous-connection.html>
- **Elders-in-Residence** (The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit the office in the Indigenous Student Centre or contact the program at elders@dal.ca or 902-494-6803: <https://cdn.dal.ca/content/dam/dalhousie/pdf/academics/UG/indigenous-studies/Elder-Protocol-July2018.pdf>)
- **Black Student Advising Centre:** https://www.dal.ca/campus_life/communities/black-student-advising.html
- **International Centre:** https://www.dal.ca/campus_life/international-centre.html
- **LGBTQ2SIA+ Collaborative:** <https://www.dal.ca/dept/vpei/edia/education/community-specific-spaces/LGBTQ2SIA-collaborative.html>
- **Dalhousie Libraries:** <http://libraries.dal.ca/>
- **Copyright Office:** <https://libraries.dal.ca/services/copyright-office.html>
- **Dalhousie Student Advocacy Services:** <https://www.dsu.ca/dsas?rq=student%20advocacy>
- **Dalhousie Ombudsperson:** https://www.dal.ca/campus_life/safety-respect/student-rights-and-responsibilities/where-to-get-help/ombudsperson.html
- **Human Rights and Equity Services:** <https://www.dal.ca/dept/hres.html>
- **Writing Centre:** https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html
- **Study Skills/Tutoring:** http://www.dal.ca/campus_life/academic-support/study-skills-and-tutoring.html
- **Faculty of Science Advising Support:** <https://www.dal.ca/faculty/science/current-students/undergrad-students/degree-planning.html>

SAFETY

- **Biosafety:** <http://www.dal.ca/dept/safety/programs-services/biosafety.html>
- **Chemical Safety:** <https://www.dal.ca/dept/safety/programs-services/chemical-safety.html>
- **Radiation Safety:** <http://www.dal.ca/dept/safety/programs-services/radiation-safety.html>
- **Laser Safety:** <https://www.dal.ca/dept/safety/programs-services/radiation-safety/laser-safety.html>

University Policies and Statements

RECOGNITION OF MI'KMAQ TERRITORY

Dalhousie University would like to acknowledge that the University is on Traditional Mi'kmaq Territory. The Elders in Residence program provides students with access to First Nations elders for guidance, counsel, and support. Visit or e-mail the Indigenous Student Centre at 1321 Edward St or elders@dal.ca. Additional information regarding the Indigenous Student Centre can be found at: https://www.dal.ca/campus_life/communities/indigenous.html

INTERNATIONALIZATION

At Dalhousie, 'thinking and acting globally' enhances the quality and impact of education, supporting learning that is "interdisciplinary, cross-cultural, global in reach, and orientated toward solving problems that extend across national borders." Additional internationalization information can be found at: <https://www.dal.ca/about-dal/internationalization.html>

ACADEMIC INTEGRITY

At Dalhousie University, we are guided in all our work by the values of academic integrity: honesty, trust, fairness, responsibility, and respect. As a student, you are required to demonstrate these values in all the work you do. The University provides policies and procedures that every member of the university community is required to follow to ensure academic integrity. Additional academic integrity information can be found at: https://www.dal.ca/dept/university_secretariat/academic-integrity.html

ACCESSIBILITY

The Student Accessibility Centre is Dalhousie's centre of expertise for matters related to student accessibility and accommodation. If there are aspects of the design, instruction, and/or experiences within this course (online or in-person) that result in barriers to your inclusion, please contact the Student Accessibility Centre (https://www.dal.ca/campus_life/academic-support/accessibility.html) for all courses offered by Dalhousie with the exception of Truro. For courses offered by the Faculty of Agriculture, please contact the Student Success Centre in Truro (<https://www.dal.ca/about-dal/agricultural-campus/student-success-centre.html>)

CONDUCT IN THE CLASSROOM – CULTURE OF RESPECT

Substantial and constructive dialogue on challenging issues is an important part of academic inquiry and exchange. It requires willingness to listen and tolerance of opposing points of view. Consideration of individual differences and alternative viewpoints is required of all class members, towards each other, towards instructors, and towards guest speakers. While expressions of differing perspectives are welcome and encouraged, the words and language used should remain within acceptable bounds of civility and respect.

DIVERSITY AND INCLUSION – CULTURE OF RESPECT

Every person at Dalhousie has a right to be respected and safe. We believe inclusiveness is fundamental to education. We stand for equality. Dalhousie is strengthened in our diversity. We are a respectful and inclusive community. We are committed to being a place where everyone feels welcome and supported, which is why our Strategic Direction prioritizes fostering a culture of diversity and inclusiveness (Strategic Priority 5.2). Additional diversity and inclusion information can be found at: <http://www.dal.ca/cultureofrespect.html>

STUDENT CODE OF CONDUCT

Everyone at Dalhousie is expected to treat others with dignity and respect. The Code of Student Conduct allows Dalhousie to take disciplinary action if students don't follow this community expectation. When appropriate, violations of the code can be resolved in a reasonable and informal manner - perhaps through a restorative justice process. If an informal resolution can't be reached, or would be inappropriate, procedures exist for formal dispute resolution. The full Code of Student Conduct can be found at: https://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html

FAIR DEALING POLICY

The Dalhousie University Fair Dealing Policy provides guidance for the limited use of copyright protected material without the risk of infringement and without having to seek the permission of copyright owners. It is intended to provide a balance between the rights of creators and the rights of users at Dalhousie. Additional information regarding the Fair Dealing Policy can be found at: https://www.dal.ca/dept/university_secretariat/policies/academic/fair-dealing-policy-.html

ORIGINALITY CHECKING SOFTWARE

The course instructor may use Dalhousie's approved originality checking software and Google to check the originality of any work submitted for credit, in accordance with the Student Submission of Assignments and Use of Originality Checking Software Policy. Students are free, without penalty of grade, to choose an alternative method of attesting to the authenticity of their work and must inform the instructor no later than the last day to add/drop classes of their intent to choose an alternate method. Additional information regarding Originality Checking Software can be found at: https://www.dal.ca/dept/university_secretariat/policies/academic/student-submission-of-assignments-and-use-of-originality-checking-software-policy-.html

STUDENT USE OF COURSE MATERIALS

Course materials are designed for use as part of this course at Dalhousie University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as books, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law. Copying this course material for distribution (e.g. uploading to a commercial third-party website) may lead to a violation of Copyright law.