

# Course Schedule

**IMPORTANT: ALL TIMES EASTERN** - Please see the [University Policies](#) section of your Syllabus for details.

Week	Module	Readings and Other Assigned Material	Activities and Assignments	Begin Date	End / Due Date	Weight (%)
Week 1	<a href="#">Module 01: Introduction to Physiological Psychology</a>	Chapter 1: 2-14, 24-26.	<a href="#">Vocabulary Quiz 01</a>		Monday, January 16, 2017 at 11:59 PM	1%
Week 2	<a href="#">Module 02: Neurophysiology and Neuronal Structure</a>	Chapter 2: 28-65.	<a href="#">Vocabulary Quiz 02</a>		Monday, January 23, 2017 at 11:59 PM	1%
Week 3	<a href="#">Module 03: Neuroanatomy</a>	Chapter 3: 67-98.	<a href="#">Vocabulary Quiz 03</a>		Monday, January 30, 2017 at 11:59 PM	1%
			<a href="#">Midterm Test 01</a> [This test is available for 65 hours only. You must complete the midterm in a 60 minute period chosen within the access (start and end) times shown here.]	Sunday, January 29, 2017 at 6:00 AM	Tuesday, January 31, 2017 at 11:59 PM	15%
Week 4	<a href="#">Module 04: Research Methods</a>	Chapter 5: 131-163.	<a href="#">Vocabulary Quiz 04</a>		Monday, February 6, 2017 at 11:59 PM	1%
Week 5	<a href="#">Module 05: Vision</a>	Chapter 6: 165-206.	<a href="#">Vocabulary Quiz 05</a>		Monday, February 13, 2017 at 11:59 PM	1%

**READING WEEK (Sunday, February 19, 2017 to Saturday, February 25, 2017)**

Week 6	<a href="#">Module 06: The Nonvisual Senses</a>	Chapter 7: 208-254.	<a href="#">Vocabulary Quiz 06</a>		Monday, February 27, 2017 at 11:59 PM	1%
Week 7	<a href="#">Module 07: The Motor System</a>	Chapter 8; 256-287.	<a href="#">Vocabulary Quiz 07</a>		Monday, March 6, 2017 at 11:59 PM	1%
			<a href="#">Midterm Test 02</a> [This test is available for 65 hours only. You must complete the midterm in a 90 minute period chosen between the access (start and end) times shown here.]	Sunday, March 5, 2017 at 6:00 AM	Tuesday, March 7, 2017 at 11:59 PM	25%
Week 8	<a href="#">Module 08: Emotion</a>	Chapter 11: 360-392.	<a href="#">Vocabulary Quiz 08</a>		Monday, March 13, 2017 at 11:59 PM	1%
Week 9	<a href="#">Module 09: Learning and Memory</a>	Chapter 13: 435-478.	<a href="#">Vocabulary Quiz 09</a>		Monday, March 20, 2017 at 11:59 PM	1%

Week 10	<a href="#">Module 10: Communication</a>	Chapter 14: 480-515.	<a href="#">Vocabulary Quiz 10</a>		Monday, March 27, 2017 at 11:59 PM	1%
Week 11			<a href="#">Bonus Points</a>	Online Study Surveys	Monday, April 3, 2017 at 11:59 PM	5% (Bonus)
Week 12				Review Articles		
<a href="#">Final Exam</a>	You must achieve at least 50% on the final exam to pass the course. If you do not, your final exam mark will be considered as your final grade.					50%

## Final Examination Arrangements and Schedule

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Please carefully review the information about [final examinations for online courses](#), including dates, locations, how to make examination arrangements, writing with a proctor, and deadlines.

If you are taking **any on-campus courses**, you will automatically be scheduled to write your exam on campus. No action is required.

If you are taking **only online courses**, do one of the following:

- o If your **address in QUEST is within 100 km** of an [examination centre](#), you must choose an exam centre in [Quest](#) by **Sunday, January 15, 2017**. This must be done each term.
- o If your address in Quest is **more than 100 km from an exam centre**, you must arrange for a proctor. Please review the guidelines and deadlines for [writing with a proctor](#). This must be done each term.

Your online course exam schedule will be available in Quest approximately four weeks before your exam date(s). Instructions on how to find your schedule are posted on the [Quest Help](#) page.

University of Waterloo Senate-approved [examination regulations and related matters](#) can be found on the Registrar's website.

## Official Grades and Course Access

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Official Grades and Academic Standings are available through [Quest](#).

Your access to this course will continue for the duration of the current term. You will not have access to this course once the next term begins.

# Contact Information

## Announcements

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Your instructor uses the **Announcements** widget on the **Course Home** page during the term to communicate new or changing information regarding due dates, instructor absence, etc., as needed. You are expected to read the announcements on a regular basis.

To ensure you are viewing the complete list of announcements, you may need to click **Show All Announcements**.

## Discussions

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A **General Discussion** topic\* has also been made available to allow students to communicate with peers in the course. Your instructor may drop in at this discussion topic.

## Contact Us

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Who and Why	Contact Details
<b>Instructor</b> <ul style="list-style-type: none"><li>◊ Course-related questions (e.g., course content, deadlines, assignments, etc.)</li><li>◊ Questions of a personal nature</li></ul>	<p>Post your course-related questions to the <b>Ask the Instructor</b> discussion topic*. This allows other students to benefit from your question as well.</p> <p>Questions of a personal nature can be directed to your instructor.</p> <p>Instructor: Jeffrey Wammes <a href="mailto:jwammes@uwaterloo.ca">jwammes@uwaterloo.ca</a></p> <p>Teaching Assistant (TA): Ryan Yeung <a href="mailto:ryeung@uwaterloo.ca">ryeung@uwaterloo.ca</a></p> <p>Your instructor and TA check email and the <b>Ask the Instructor</b> discussion topic* frequently and will make every effort to reply to your questions within 24-48 hours, Monday to Friday.</p>
<b>Technical Support, Centre for Extended Learning</b> <ul style="list-style-type: none"><li>◊ Technical problems with Waterloo LEARN</li></ul>	<p><a href="mailto:learnhelp@uwaterloo.ca">learnhelp@uwaterloo.ca</a></p> <p>Include your full name, WatIAM user ID, student number, and course name and number.</p>
<b>Learner Support Services, Centre for Extended Learning</b> <ul style="list-style-type: none"><li>◊ General inquiries</li><li>◊ WatCards (Student ID Cards)</li><li>◊ Examination information</li></ul>	<p><a href="#">Useful Information for Students in Online Courses</a></p> <p><a href="mailto:extendedlearning@uwaterloo.ca">extendedlearning@uwaterloo.ca</a> +1 519-888-4002</p> <p>Include your full name, WatIAM user ID, student number, and course name and number.</p>

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\*Discussion topics can be accessed by clicking **Connect** and then **Discussions** on the course navigation bar above.

# Course Description and Objectives

## Description

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This course surveys the field of physiological psychology. Psychology deals with old questions, but it is a young science. Psychology transitioned from philosophy to science when it combined the philosophical questions about the nature of mind and consciousness with the new scientific techniques of physiology. Today physiological psychology is the study of how behavior is determined and influenced by physiological processes. It involves all the methods of neuroscience: genetics, anatomy, electrophysiology; and all the topics of psychology: emotion, perception, and consciousness. In this course you will survey these topics and approaches. A knowledge of physiological psychology is a foundation for all higher studies in all areas of psychology.

## Objectives

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By the end of this course, students should have a working knowledge of

- the research methods of physiological psychology,
- the basic nervous system anatomy at both the gross and microscopic level,
- the basic electrical and chemical events which explain neuronal communication,
- the basic neural bases of vision, audition, somatosensation, and motor behavior, and
- the cellular mechanisms of learning, memory, emotion, and language.

*This online course was developed by Britt Anderson, with instructional design and multimedia development support provided by the Centre for Extended Learning. Further media production was provided by Instructional Technologies and Multimedia Services.*

## Grade Breakdown

The following table represents the grade breakdown of this course.

Note: You must achieve at least 50% on the final exam to pass the course. If you do not, your final exam mark will be considered as your final grade.

Activities and Assignments		Weight (%)
Online Tests	10 Vocabulary Quizzes	10%
	Midterm Test 01	15%
	Midterm Test 02	25%
Bonus Points		5%
Final Exam		50%

# About the Instructor and Course Author

## Course Instructor — Jeff Wammes

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Jeff is originally from London, Ontario.

He completed his honor's thesis on the representation of event concepts in semantic memory at Western University under the supervision of Dr. Ken McRae. He is currently conducting research in memory and attention at the University of Waterloo, under the supervision of Dr. Myra Fernandes.

His research interests include exploring how memory can be strengthened using encoding strategies, how these same strategies can be applied to protect memory from interference, and how mind wandering impacts memory within university lectures.

Jeff also is affiliated with the Brain and Mind Institute at Western University, investigating how physiological processes influence and are influenced by cognitive decisions, under the supervision of Dr. Stefan Köhler.



## Course Author — Britt Anderson

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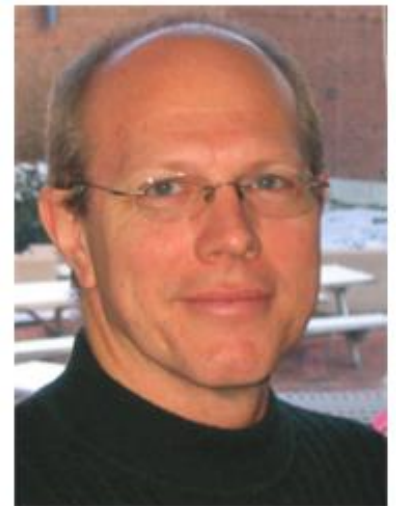
Britt Anderson was born and raised in the United States.

He began his professional career as a physician, graduating from the University Of Southern California School Of Medicine in 1984, and completed residency training in neurology at UT Southwestern in Dallas Texas.

Subsequently, he was a practicing neurologist in the US Air Force and on the faculty of the University Of Alabama School of Medicine in Birmingham, Alabama. While at UAB, he was affiliated with the university's Alzheimer's Disease Center.

Dr. Anderson augmented his medical training by acquiring a PhD in Brain Science at Brown University in Providence, RI where his doctoral and post-doctoral research concentrated on computational approaches to understanding the neural correlates of visual perception.

Today, Dr Anderson is a faculty member in the Psychology Department at the University of Waterloo and affiliated with UW's Centre for Theoretical Neuroscience.



# Materials and Resources

## Textbook

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### Required

1. Neil R. Carlson. (2012). *Physiology of Behavior (11th Edition, eBook)*. Allyn and Bacon.

Purchase of the textbook may come bundled with access to the [MyPsychLab](#) web site which includes media designed to assist your learning. The link will take you to the welcome page, where first time users select register and then select register next to the textbook title, and then enter the Access Code found on the Student Access Code Card included with the textbook.

**Note:** In some cases, the lectures may indicate the use of a different edition of the textbook; however, the course is using the 11th edition.

For textbook ordering information, please contact the [Waterloo Bookstore](#).

For your convenience, you can compile a list of required and optional course materials through [BookLook](#) using your Quest userID and password. If you are having difficulties ordering online and wish to call the Waterloo Bookstore, their phone number is +1 519 888 4673 or toll-free at +1 866 330 7933. Please be aware that textbook orders **CANNOT** be taken over the phone.

## Resources

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- [Library services for co-op students on work term and distance education students](#)

## Submission Times

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Please be aware that the University of Waterloo is located in the Eastern Time Zone (GMT or UTC-5 during standard time and UTC-4 during daylight saving time) and, as such, the time that your activities and/or assignments are due is based on this zone. If you are outside the Eastern Time Zone and require assistance with converting your time, please try the [Ontario, Canada Time Converter](#).

## Accommodation Due to Illness

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If your instructor has provided specific procedures for you to follow if you miss assignment due dates, term tests, or a final examination, adhere to those instructions. Otherwise:

### Missed Assignments/Tests/Quizzes

Contact the instructor as soon as you realize there will be a problem, and preferably within 48 hours, but no more than 72 hours, have a medical practitioner complete a [Verification of Illness Form](#).

Email a scanned copy of the Verification of Illness Form to your instructor. In your email to the instructor, provide your name, student ID number, and exactly what course activity you missed.

Further information regarding Management of Requests for Accommodation Due to Illness can be found on the [Accommodation due to illness](#) page.

### Missed Final Examinations

If you are unable to write a final examination due to illness, seek medical treatment and have a medical practitioner complete a [Verification of Illness Form](#). Email a scanned copy to the Centre for Extended Learning (CEL) at [extendedlearning@uwaterloo.ca](mailto:extendedlearning@uwaterloo.ca) within 48 hours of your missed exam. Make sure you include your name, student ID number, and the exam(s) missed. You will be REQUIRED to hand in the original completed form before you write the make-up examination.

After your completed Verification of Illness Form has been received and processed, you will be emailed your alternate exam date and time. This can take up to 2 business days. If you are within 150 km of Waterloo you should be prepared to write in Waterloo on the [additional CEL exam dates](#). If you live outside the 150 km radius, CEL will work with you to make suitable arrangements.

Further information about [Examination Accommodation Due to Illness](#) regulations is available in the Undergraduate Calendar.

## Academic Integrity

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In order to maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect, and responsibility. If you have not already completed the online tutorial regarding academic integrity you should do so as soon as possible. Undergraduate students should see the [Academic Integrity Tutorial](#) and graduate students should see the [Graduate Students and Academic Integrity](#) website.

Proper citations are part of academic integrity. Citations in CEL course materials usually follow CEL style, which is based on APA style. Your course may follow a different style. If you are uncertain which style to use for an assignment, please confirm with your instructor or TA.

For further information on academic integrity, please visit the [Office of Academic Integrity](#).

## Discipline

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A student is expected to know what constitutes [academic integrity](#) to avoid committing an academic offence, and to take responsibility for his/her actions. A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about “rules” for group work/collaboration, should seek guidance from the course instructor, academic advisor, or the undergraduate Associate Dean. For information on categories of offences and types of penalties, students should refer to [Policy 71 - Student Discipline](#). For typical penalties, check [Guidelines for the Assessment of Penalties](#).

## Appeals

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A decision made or penalty imposed under [Policy 70 - Student Petitions and Grievances](#), (other than a petition) or [Policy 71 - Student Discipline](#), may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to [Policy 72 - Student Appeals](#).

## Grievance

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A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70 - Student Petitions and Grievances](#), Section 4. When in doubt please be certain to contact the department’s administrative assistant who will provide further assistance.

## Final Grades

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In accordance with [Policy 46](#), Appendix A - Access to and Release of Student Information, the Centre for Extended Learning does not release final examination grades or final course grades to students. Students must go to [Quest](#) to see all final grades. Any grades posted in Waterloo LEARN are unofficial.

## AccessAbility Services

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[AccessAbility Services](#), located in Needles Hall, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodation to lessen the impact of your disability, please register with AccessAbility Services at the beginning of each academic term and for each course.

## Accessibility Statement

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The Centre for Extended Learning strives to meet the needs of all our online learners. Our ongoing efforts to become aligned with the [Accessibility for Ontarians with Disabilities Act \(AODA\)](#) are guided by [University of Waterloo AccessAbility Services Policy](#) and the [World Wide Web Consortium’s \(W3C\) Web Content Accessibility Guidelines \(WCAG\) 2.0](#). The majority of our online courses are currently delivered via the Desire2Learn Learning Environment. Learn more about [Desire2Learn’s Accessibility Standards Compliance](#).



# Use of Computing and Network Resources

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Please see the [Guidelines on Use of Waterloo Computing and Network Resources](#).

## Copyright Information

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### UWaterloo's Web Pages

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If there are any questions about this notice, please contact the University of Waterloo, Centre for Extended Learning, Waterloo, Ontario, Canada, N2L 3G1 or [extendedlearning@uwaterloo.ca](mailto:extendedlearning@uwaterloo.ca).