



## **PSY 515 01W-CRW Neurological/Biological Bases of Behavior**

COURSE SYLLABUS: Spring 2025

### **INSTRUCTOR INFORMATION**

Instructor: Will Whitham, PhD

Office Location: Binnion 215; Zoom

Office Hours: Tuesday/Thursday 11:00am-1:30pm (please notify me in advance if possible)

University Email Address: will.whitham@tamuc.edu

Preferred Form of Communication: email

Communication Response Time: 24-48 hours Monday-Friday, weekends and holidays may take longer than 48 hours

### **COURSE INFORMATION**

Materials – Textbooks, Readings, Supplementary Readings

- An Introduction to Brain and Behavior (7th ed.), (2023). Kolb, B, Whishaw, I.Q., & Teskey, G. C. Rented, or ebook, or pre-owned all okay

#### **Course Description**

##### **Student Learning Outcomes (SLOs)**

- 1) Develop an overview of the field of psychology by studying and reflecting on the topics.
- 2) Appreciate how psychologists take a scientific approach to understanding human behavior and thought.
- 3) Practice the convention of scientific discourse appropriate to the audience, purpose and message.
- 4) Explain the real world phenomena by applying the concepts, theories, and methods learned in our course. Learning how to learn is a good start.
- 5) Nurture scientific thinking. This is an approach to information that combines a high degree of skepticism (questioning what “everybody knows”), followed by

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objectivity (using empirical data to separate fantasy from reality) and rationalism (practicing logical reasoning).

## **COURSE REQUIREMENTS**

### **Minimal Technical Skills Needed**

You need to be able to use the following.

- Microsoft Office or equivalent
- PDF
- myLeo/Desire2Learn (D2L)
- Searching the internet for texts
- Using Library resources

In addition, refer to the following: <https://carleton.ca/online/online-learning-resources/essential-technological-skills/>

### **Instructional Methods**

This is a web-based course. Each week you will be expected to complete required reading materials, and to complete assignments designed to encourage integration of the readings with previous and future readings and with applications to the real world.

### **Student Responsibilities or Tips for Success in the Course**

Your attendance is a significant factor in student course grades. Start with attending our class and do the following basics.

- 1) Check and read class emails promptly for announcements, updates, clarifications, etc.
- 2) Take notes as you listen to lectures, read the assigned parts of the textbook to check if your listening comprehension matches with the textbook descriptions, and fill in the missing pieces.
- 3) Quiz yourself often. Can you define a concept in your own words? Can you answer 3 or 4 questions of the textbook practice questions correctly?
- 4) Review the materials on a regular basis.
- 5) Complete assigned coursework on time.
- 6) Please contact me when you have questions. The material is difficult, and no one learns everything perfectly the first time through. This class, and your time, is too important for you to spend time getting frustrated instead of learning

## **GRADING**

Final grades in this course will be based on the following scale:

A = 90%-100%

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B = 80%-89%  
C = 70%-79%  
D = 60%-69%  
F = 59% or Below

Weights of the assessments in the calculation of the final letter grade.

Reading Assignments	50%
Midterm Exam	20%
Final Exam	30%
TOTAL	100%

## Assessments

### Exams: 50%

You will take two exams during the semester: a midterm (20% of grade) and a final (30% of grade). Exams may include multiple-choice and short-answer questions.

### Weekly reading assignments: 50%

Each week you will submit some deliverable evidence of your engagement with the material for the week. All readings and their accompanying assignments will be made available on D2L/myLeo. These assignments may include, but are not limited to:

- o completing a reading guide,
- o watching videos relevant to the week's material,
- o leading a class discussion or responding to discussion posts,
- o submitting a video response

## TECHNOLOGY REQUIREMENTS

### LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

Zoom Video Conferencing Tool

[https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom\\_Account.aspx?source=universalmenu](https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu)

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## ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or [helpdesk@tamuc.edu](mailto:helpdesk@tamuc.edu).

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a East Texas A&M University campus open computer lab, etc.

### Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

## COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your instructor.

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### Course Specific Procedures/Policies

#### Course Generative Text Policy

Unless authorized by me, you are expected to complete all course assignments without assistance from any source, including artificial intelligence such as ChatGPT, Grammarly, Google AI, etc.

#### Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

### University Specific Procedures

#### Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct can be found at <https://www.tamuc.edu/student-code-of-conduct/>.

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If you believe someone has engaged in behaviors that do not align with the Code of Student Conduct or you have other concerns, please visit the File a Report page at <https://www.tamuc.edu/office-of-student-rights-and-responsibilities/concerns-incident-reporting/>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:  
<https://www.britannica.com/topic/netiquette>

### **Academic Integrity**

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate student academic dishonesty policy  
[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

Undergraduate student academic dishonesty policy  
[Undergraduate Student Academic Dishonesty Form](#)

Graduate student academic dishonesty policy:  
<https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesProcedures/13students/graduate/13.99.99.R0.10.pdf>

Graduate student academic dishonesty form:  
<https://inside.tamuc.edu/academics/graduateSchool/faculty/GraduateStudentAcademicDishonestyForm.pdf>

### **East Texas A&M University Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage.

### **Artificial Intelligence**

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, Chatbots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements

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and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

### **Students with Disabilities-- ADA Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Services  
Velma K. Waters Library- Room 162

**Phone (903) 886-5930**

Fax (903) 468-8148

Email: [StudentDisabilityServices@tamuc.edu](mailto:StudentDisabilityServices@tamuc.edu)

**Website:** <http://inside.tamuc.edu/campuslife/campusServices/StudentDisabilityServices/default.aspx>

### **Mental Health and Well-Being**

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



### **East Texas A&M University Supports Students' Mental Health**

The Counseling Center at East Texas A&M University, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information

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regarding Counseling Center events and confidential services, please visit [www.tamuc.edu/counsel](http://www.tamuc.edu/counsel)

### **Nondiscrimination Notice**

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

### **Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M University Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>



Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

## **Department or Accrediting Agency Required Content**

### **COURSE OUTLINE / CALENDAR**

<u>Week</u>	<u>Topic</u>	<u>Assigned</u>
1	Course Intro; Brain and Behavior	

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2	Functional Anatomy	Ch2 Reading Guide
3	Cells of the Nervous System	Ch3 Reading Guide
4	Electrochemical Signaling	Ch4 Reading Guide
5	Electrochemical Signaling (cont)	Ch5 Reading Guide
6	Drugs and Behavior	Ch6 Reading Guide
7	Research Methods	Ch7 Reading Guide
8	Midterm	
9	 <b>Spring Break</b> 	
10	Development	Ch8 Reading Guide
11	Perception	Ch9 Reading Guide
12	Motor Control	Ch11 Reading Guide
13	Sleeping and Dreaming	Ch13 Reading Guide
14	Learning and Memory	Ch14 Reading Guide
15	Thinking	Ch15 Reading Guide
16	Disorders	Ch16 Reading Guide
17	<b>Final Exam (according to university schedule)</b>	

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