PSYC 4354.001 SENSATION & PERCEPTION
SPRING 2019
MWF 11:00 – 11:50 a.m.; CI 106

Instructor: Dr. Gina A. Glanc
Office BH 313
Email gina.glanc@tamucc.edu
Phone 825-2391

*Please note: I prefer email correspondence. Please use phone only for emergencies*

Office Hours
MW 12:00 – 2:00 p.m.
F 12:00 – 1:00 p.m.
Other: email for appointment

COURSE DESCRIPTION

Sensation & Perception reviews the history, theories, research methods, and empirical findings regarding the study of sensory processes and the construction of our concepts of reality. The class explores the application of these theories to practical problems that occur in everyday experiences. Topics of discussion will be presented from neuropsychological and cognitive science perspectives.

Prerequisites: General Psychology and Experimental Psychology.

LEARNING OBJECTIVES

- Understand the fundamentals of sensory and perceptual processes and demonstrate that understanding in the context of examinations
- Learn the theories of perceptual processing and the experiments that helped to form those theories well enough to be able to display that knowledge and familiarity in assignments and examinations
- Synthesize and apply their understanding of perceptual processes and theories of those processes to novel situations

COURSE MATERIALS

ISBN: 978-1-60535-211-4

Student Study Site: sites.sinauer.com/wolfe4e
EXAMS

There will be three (3) exams given during the semester and one (1) final exam for the course. Exams will contain a variety of multiple choice, labeling, and short answer questions, and will include material covered both in class and the readings. Each exam will be worth 100 points.

**Make-up Exams:** Attendance at exams is mandatory. In order to make up a missed exam, I need to be notified within 24 hours of the test date to make arrangements for a makeup exam. Only excused absences (with documentation) will be allowed a makeup exam. The instructor has the final decision whether or not to allow a makeup exam and reserves the right to have all makeups be essay tests. If granted, a makeup has to be taken within one week of the original exam date.**

ONLINE QUIZZES

In addition, there will be three (4) online quizzes, each worth 10 points. The Quizzes will be posted and taken on Blackboard. The quizzes will be available from the end of class to the beginning of the next class on the dates specified by the instructor.

ASSIGNMENTS

All assignments must completed by the assigned due date. Late assignments will not be accepted.

Homework, in-class activities, and pop attendance quizzes may be assigned throughout the semester. These assignments are graded and will count toward your final course grade. Although the exact number of assignments may vary, the amount toward your final grade will be approximately 100 points, the same as one exam grade.

DETERMINATION OF GRADES

Grading for the course will be based on performance on exams, quizzes, and class assignments. Each graded item will be posted on Blackboard, and an email will be sent out each time a grade is posted. Students have one week after the date a grade is posted to contest that grade. Once one week has passed, the grade cannot be changed.

Remember: I do not give grades, you earn them. Course grades will be based primarily on the total number of points earned during the course. There will be approximately 500 points total for the course.

Letter grades will be assigned at the end of the semester as follows:
(Please note: a grading curve may be applied to exam grades and/or final grades if warranted, according to the discretion of the instructor.)

90 – 100% A  
80 – 89% B  
70 – 79% C  
60 – 69% D  
Below 60% F  

To figure out what your grade is at any time, follow this simple equation:  
Total points I received so far ÷ total points possible = Grade, then  
Grade x 100 = percentage grade!

EXTRA CREDIT

Extra credit may be offered at the discretion of the instructor.

CLASSROOM POLICIES

Attendance: Class attendance is required, and missing class may directly impact your grade. In-class activities, pop quizzes, and other classroom assignments will be given throughout the semester **AND CANNOT BE MADE UP** (except for university sanctioned absences). If you miss a class, you will still be held responsible for all that transpired during that class, including any homework assignments given/collected, schedule changes made and material covered. **Please let the instructor know if you are planning to miss class.**

Classroom Correspondence: All correspondence from the instructor will occur through Blackboard. It is your responsibility to make sure that your preferred email address is connected to the Blackboard site*, and also to check Blackboard frequently for announcements, new assignments, and other correspondence.  
*You can contact the TAMUCC help desk at ext. 2825 to make sure your emails from Blackboard are forwarded to your active email account

Email Policy:

• Please consider e-mail as official correspondence.
• Efforts will be made to address your e-mail within 48 hours. If you do not receive an email within 48 hours, please send a follow-up email.
• No email correspondence on weekends.
• No email correspondence on the day before an examination or deadline.
• **E-mail communications should be about class business. E-mail is not the place for summaries of lectures, discussions, readings, etc.**
• Please use the subject line in a way that indicates the content of the message.
• Please also use professional language and include your full name, which class you are in, and a complete inquiry in the body of the message. Unprofessional emails will result in non-response.
• Please keep copies of e-mails that are sent and received for records purposes.

Classroom/Professional Behavior: Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct,
classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

Academic Integrity/Plagiarism: University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a zero on the item and/or a report made to the academic conduct committee for further penalization. **Note: If a student is suspected of cheating on an exam for any reason, the student may be asked to complete a pop quiz on the subject matter that was covered on the test in question. If the student fails this pop quiz, disciplinary action will then be taken.**

Dropping a Class: I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with me before you decide to drop to be sure it is the best thing to do. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. **APRIL 5, 2019,** is the last day to drop a class with an automatic grade of “W” this term.

Grade Appeals: As stated in University Procedure 13.02.99.C2.03, **Student Grade Appeals**, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.03, **Student Grade Appeals.** These documents are accessible online at:
For assistance and/or guidance in the grade appeal process, students may contact the Associate Dean’s office in the college in which the course is taught. For complete details on the process of submitting a formal grade appeal in CLA, please visit the College of Liberal Arts website, [http://cla.tamucc.edu/about/student-resources.html](http://cla.tamucc.edu/about/student-resources.html).

**ACADEMIC ADVISING**

The College of Liberal Arts requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. The College's Academic Advising Center is located in Driftwood 203E, and can be reached at 825-3466.

**Disabilities Accommodations:** 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 believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

**ACADEMIC SUCCESS COUNSELING & RESOURCES**

Our counselors can help you to better understand factors which may be interfering with your academic success and then work with you to develop an individualized academic success plan. We also have academic success resource materials to assist you. Visit the Counseling Center to make an appointment. Some of the issues that our counselors can help with are listed below.

Personal, Academic and Career Achievement Skills

- Improve Study Skills (effectively taking notes, reading, and studying)
- Management of Test Anxiety
- Stress Management
- Time Management
- Problem Solving Skills
Tentative Schedule of Classes:

*Notes:

1. This Syllabus is subject to change or adjustment at the instructor’s discretion according to class needs. In the event of a syllabus change, a new, revised syllabus will be provided to all students.

2. This Syllabus is designed to help students understand as clearly as possible what is expected of them. **Students should direct all questions regarding the course and/or syllabus to the instructor or Teaching Assistant.**

3. Lectures and classroom activities are designed with the assumption that the reading has been completed **before** the class indicated.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading*</th>
<th>Done</th>
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<tbody>
<tr>
<td><strong>Week One</strong></td>
<td><strong>Introduction to Sensation and Perception</strong></td>
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<tr>
<td>1/14-1/18</td>
<td>Welcome to class Psychophysics</td>
<td>Chapter 1</td>
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<td><strong>Week Two</strong></td>
<td><strong>The First Steps in Vision</strong></td>
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<tr>
<td>1/21-1/25</td>
<td>Light &amp; the Retina Early Vision Visual Acuity/Light Sensitivity</td>
<td>Chapter 2</td>
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<td>🌞 <strong>TBA</strong></td>
<td><strong>Online Quiz</strong></td>
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<td><strong>Week Three</strong></td>
<td><strong>Perceiving and Recognizing Objects</strong></td>
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<tr>
<td>1/28-2/1</td>
<td>Beyond the Eye: Visual Pathway Middle Vision Feature Detection</td>
<td>Chapter 3</td>
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<td><strong>Week Four</strong></td>
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<tr>
<td>2/4-2/8</td>
<td>Object Recognition</td>
<td>Chapter 4</td>
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<td><strong>Week Five</strong></td>
<td><strong>Color Perception</strong></td>
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<tr>
<td>🕒 2/11</td>
<td>Test 1</td>
<td>Chapters 1-4</td>
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<tr>
<td>2/13-2/15</td>
<td>Basic Theories Seeing Colors Light vs. Color</td>
<td>Chapter 5</td>
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<td><strong>Week Six</strong></td>
<td><strong>Space Perception &amp; Binocular Vision</strong></td>
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<tr>
<td>2/18-2/22</td>
<td>Monocular Cues Binocular Cues Binocular Vision and Stereopsis</td>
<td>Chapter 6</td>
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<td>🌞 <strong>TBA</strong></td>
<td><strong>Online Quiz</strong></td>
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<td>Week Seven</td>
<td>Motion Perception</td>
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| 2/25-3/1  | Motion Perception | Chapter 7  

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<tr>
<th>Week Eight</th>
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| 3/4-3/6    | The Role of Attention  
|            | Perceiving Scenes  
|            | Chapter 8  

| ❄️ 3/8 | Test 2 | Chapters 5-8  

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<thead>
<tr>
<th>Week Nine</th>
<th>Attention and Scene Perception</th>
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<tbody>
<tr>
<td>3/11-3/15</td>
<td>No Class – Spring Break</td>
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<tr>
<th>Week Ten</th>
<th>Hearing</th>
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| 3/18-3/22 | Sound  
|          | Biology of Hearing  
|          | Hearing Loss  
|          | Chapter 9  

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<tr>
<th>Week Eleven</th>
<th>Hearing in the Environment</th>
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| 3/25-3/29   | Sound Localization  
|            | Complex Sounds  
|            | Auditory Scene Analysis  
|            | Chapter 10  

| ☀️ TBA | Online Quiz |

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<thead>
<tr>
<th>Week Twelve</th>
<th>Spatial Orientation and the Visual System</th>
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| 4/1-4/5     | The Vestibular System  
|            | Spatial Orientation  
|            | Sensory Integration  
|            | Chapter 12  

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<thead>
<tr>
<th>Week Thirteen</th>
<th>Touch</th>
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| ❄️ 4/8        | Test 3 | Chapters 9-12  
| 4/10-4/12     | Biology of Touch  
|              | Haptic Perception  
|              | Chapter 13  

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<tr>
<th>Week Fourteen</th>
<th>Olfaction</th>
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| 4/15-4/19     | Biology of Smell  
|              | Chemicals to Odors  
|              | Smell ID and Adaptation  
|              | Chapter 14  

| ☀️ TBA | Online Quiz |

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<thead>
<tr>
<th>Week Fifteen</th>
<th>Taste</th>
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| 4/22-4/26    | Taste vs. Flavor  
|              | Biology of Taste  
|              | Coding of Taste Information  
|              | Chapter 15  

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<thead>
<tr>
<th>Week Sixteen</th>
<th>Wrap-up</th>
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</table>
| 4/29-5/1     | Wrap-up  

| Final Exam: | TBA | Chapters 13-15  