PERCEPTION
EXP 4204c, Section 521, Fall 2014
University of South Florida Sarasota-Manatee

Class Meetings: Tuesdays, 2:00 to 4:45, Room B229
Instructor: Margaret Aurilio, Ph.D.
Contact Information: Primary contact: CANVAS Inbox
Secondary contacts: aurilio@sar.usf.edu or voice mail at 941 487-0287
Office hours: By appointment
Course website: https://usflearn.instructure.com/
Prerequisite: PSY 3213 (Research Methods in Psychology) with a grade of “C” or better or CI
Required CD: Required CD is included with new texts and with some used texts
ISBN 978-0-495-60149-4
Computers: You will need to bring a laptop to class for most lab assignments.
Note that Mozilla Firefox is the recommended browser for use with Canvas.

BA in Psychology Mission

The curriculum for a Psychology degree from USF Sarasota-Manatee prepares graduates for the many occupations (e.g., human services, community or public relations, administration, and advertising and market research) and post-graduate degree programs open to Psychology majors. By the time our majors are ready to graduate, they are equipped with two vital skill sets. First, our majors are familiar with numerous factors influencing behavior and mental processes, and the interactions among them. These factors range from the molecular (communication in the brain) to the cultural (human diversity). Second, our majors have developed the critical thinking skills necessary for the consumption and production of psychological research. These skills include writing and familiarity with the ethics of conducting psychological research. Students will have the opportunity to take a capstone course that allows them to demonstrate these competencies.

Student Learning Outcomes

1. Knowledge and Application: Knowledge of concepts and theories in at least 4 areas of psychology (e.g., Clinical, Industrial-Organizational, Developmental, Addiction, Motivation, Psychology-Law, Neuropsychology, Cognitive, Behavioral/Learning, Social, Physiological, and Personality), and relate them to the scientific study of behavior and mental processes, or to real-world problems.

2. Diversity: Recognition of the impact of human diversity (gender, race, ethnicity, socio-economic status, sexual orientation, culture, age, religion, disabilities) on behavior and mental processes.

3. Ethics: Knowledge of professional ethics in the use of research subjects.

4. Critical Thinking: Ability to critically evaluate various research methods and designs, including their strengths, weaknesses, and applications to psychological inquiry, and their role in causal hypothesis testing.

5. Communication: Ability to write effectively by producing work in the APA style and standards.
Course Description and Purpose

This course is designed to provide an introduction to the study of the sensory and physiological bases of perception. I hope that it will lead you to a deeper appreciation of the elegant processes involved in our perception of everyday sensations.

Course Goals and Learning Objectives

The primary goals for this course are to introduce you to the psychophysical and physiological analyses of sensation and perception. More specific objectives will be provided in class but, in general, at the conclusion of the course, the student should be able to:

1. Demonstrate a familiarity with terms commonly used in the field.
2. Describe the physiological and perceptual processes involved in seeing, hearing, and speech perception.
3. Discuss practical and clinical applications of theory and research related to the study of perception.
4. Discuss some causes and effects of impaired sensation and perception.
5. Critically evaluate the psychophysical and physiological approaches to the study of perception.

Classes and Course Website

Classes may include a lecture, multi-media presentations, discussions, demonstrations, in-class activities and labs. Regular participation in discussions and activities is highly recommended to enhance your understanding.

Information about the course is posted on the USF Canvas website at https://usflearn.instructure.com/. Use the links in the menu to access Announcements, the Syllabus, and your Grades. See Modules for the lecture power point slides (posted at the beginning of each section), assigned Labs, guidelines and schedules for the presentation, exam reviews and keys, and general resources. Please check regularly. You are responsible for items added throughout the semester.

We will use the Canvas Inbox for all of our communications. I check, and respond to, my Canvas mail throughout the day. Note that emails sent outside of the Canvas platform and voice mails are delivered to sites that I access less frequently.

Canvas tutorials are available through the Canvas Student Quickstart Guide at http://guides.instructure.com/m/8470. Contact the USFSM E-Learning staff at the information Commons for Canvas support. The USF Tampa IT Helpdesk provides 24 hour support. Please call 813-974-1222 or email: help@usf.edu if you need assistance outside of USFSM’s E-Learning hours.

Course Requirements

Evaluations are based on exams, quizzes, lab assignments, and a presentation.

Examinations

There will be three section exams based on the material covered in the lectures and assignments for the corresponding sections. The questions will assess your understanding of concepts and your ability to apply your knowledge. Each scheduled exam will have two parts: an in-class multiple-choice segment and an open book take home segment. The latter will include one or more essays or problems and an extra credit question. Exam reviews will be available on Canvas at the beginning of each section.

Exam procedures. You may not leave the room while you are taking an exam. In most cases, no one may enter the room after the first person has completed the exam and left the room. Be aware that you risk receiving a zero for the exam if you use any electronic device, communicate with another student, or take exam materials from the room. Please bring your student ID, and a #2 pencil (with eraser), and leave your hats and refreshments at home.

Makeup exams. Only students with a documented excused absence will be allowed to make up an exam. (See Excused absences under Attendance, below.) If you are eligible to take a makeup exam, you must arrange to take it during University proctored sessions. These sessions are scheduled for 1:00 to 3:00 p.m. on the following Friday afternoons: 9/26, 10/24, 11/14, and 12/5.
Lab Assignments

There are nine lab assignments taken from the Virtual Lab CD. **If the CD is not included in your copy of the text, you must purchase it separately.** Your lab grade will be the sum of your seven highest scores. Some extra credit is offered to students who complete more than seven labs. (See Extra Credit.)

**Makeup labs.** Only students with a documented excused absence will be allowed to makeup a lab. (See Excused absences under Attendance, below.) **If you are eligible to make up a lab, you must submit the completed lab before due 2:00 p.m. on the first day you return to class.** Late submissions will not be accepted for credit.

Quizzes

There are nine in class quizzes. Although the quizzes are not open book, collaboration with other students is encouraged. Your quiz grade will be the sum of your seven highest scores. Some extra credit is offered to students who complete more than seven quizzes. (See Extra Credit.)

**There are no makeup opportunities for quizzes.** You must attend the entire class to receive credit.

Presentations

Each student will give a brief presentation on an applied issue in perception. The assignment requires the integration of relevant information from appropriate current research articles to explain the issue and supplement the information in the text. **Attendance is required for both of the presentation dates.** Your presentation grade will include your written critiques of other students’ presentations as well as my evaluation of your presentation. Additional guidelines and topic ideas are posted on Canvas. (See Modules.) Signup sheets for topics and dates will be available in class beginning September 30th. Be prepared to choose your topic no later than the class on October 14th. If you are absent or are undecided, a topic and date will be assigned.

**There are no makeup opportunities for presentations.** You must present on your scheduled date.

Attendance

First day attendance is required by the University. If you cannot be in class on the first day, email me before 2:00 p.m. to avoid being dropped from the class.

To receive credit for most evaluations in this course, you must be in class on the scheduled dates. See restrictions on making up material under the specific evaluations.

**Excused absences.**

**Emergencies.** In the event of a valid emergency (i.e., an illness or injury with a doctor’s excuse, hospitalization, or death in the family) involving you or an immediate family member, you must (1) notify me prior to or within 24 hours of the missed evaluation and (2) provide adequate and appropriate documentation of the emergency.

**Non-emergencies.** If you expect to miss a scheduled exam because of (1) a major religious observance, (2) court imposed legal obligations, (3) involvement in a university-sanctioned event, or (4) requirements of military service, then you must notify me in writing (Canvas Inbox) and provide appropriate documentation by the second week of the term. It is your responsibility to confirm that I have acknowledged your request.
Grading Policy and Extra Credit
Grades are calculated from an accumulated point system based on three exam scores, seven quizzes, the seven lab scores, and a presentation grade. The total points possible is 500, excluding extra credit. See below for extra credit opportunities.

<table>
<thead>
<tr>
<th>Course Work</th>
<th>Possible Points</th>
<th>Percent of Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams (3 at 110 points each)</td>
<td>330</td>
<td>66%</td>
</tr>
<tr>
<td>Quizzes (7 at 5 points each)</td>
<td>35</td>
<td>7%</td>
</tr>
<tr>
<td>Labs (7 at 10 points each)</td>
<td>70</td>
<td>14%</td>
</tr>
<tr>
<td>Presentation</td>
<td>65</td>
<td>13%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>500</td>
<td>100%</td>
</tr>
</tbody>
</table>

Extra credit
You may earn up to 15 points extra credit which would increase your grade by up to 3%. You may not earn extra credit after December 9th. Choose from any of the following.

1. Quizzes (up to 5 points). If you complete more than the required seven quizzes, each additional quiz will earn half credit and may be applied to your grade as extra credit.

2. Lab assignments (up to 10 points). If you complete more than the required seven labs, each additional lab will earn half credit and may be applied to your grade as extra credit.

3. Exams (up to 6 points). A two point extra credit question will be included in each exam.

4. Student Research Symposium (5 points). To receive credit, you must sign in at the symposium registration desk and designate one of your classes for extra credit. If you choose this class, the symposium administrators will notify me. The tentative date for the event is Friday, October 24th. Plan to spend at least one hour. Website: [http://www.usfsm.edu/research/](http://www.usfsm.edu/research/)

5. Psychology Sponsored Research Studies You may earn points by participating in Psychology Department sponsored research studies taking place on the USFSM campus. The number of points and the deadline for participation vary depending on the individual researcher. **Note that there is no guarantee that any studies will be scheduled on the Sarasota campus this semester.** Should studies become available, I will post the information on Canvas.

Grading Scale
F Less than 300 points

“W” grade: Saturday, November 1st is the last day to withdraw from class without academic penalty.
USF Sarasota-Manatee Policies and Procedures

Academic Dishonesty
The University considers any form of plagiarism or cheating on exams, projects, or papers to be unacceptable behavior. Please be sure to review the university’s policy in the USFSM Catalog and the USF Student Code of Conduct. Current and archived catalogs may be found at: http://usfsm.edu/academics/ and the USF Student Code of Conduct can be found at http://www.sa.usf.edu/srr/page.asp?id=88

Academic Disruption
The University does not tolerate behavior that disrupts the learning process. The policy for addressing academic disruption is included with Academic Dishonesty in the USFSM Catalog and the USF Student Code of Conduct. Current and archived catalogs may be found at: http://usfsm.edu/academics/ and the USF Student Code of Conduct can be found at http://www.sa.usf.edu/srr/page.asp?id=88

Contingency Plans
In the event of an emergency, it may be necessary for USFSM to suspend normal operations. During this time, USFSM may opt to continue delivery of instruction through methods that include but are not limited to: Canvas, Elluminate, Skype, and email messaging and/or an alternate schedule. It’s the responsibility of the student to monitor Canvas site for each class for course specific communication, and the main USFSM and College websites, emails, and MoBull messages for important general information. The USF hotline at 1 (800) 992-4231 is updated with pre-recorded information during an emergency. See the Campus Police Website for further information. The USF hotline at 1 (800) 992-4231 is updated with pre-recorded information during an emergency.

Disabilities Accommodation
Students are responsible for registering with the Office of Students with Disabilities Services (SDS) in order to receive academic accommodations. Reasonable notice must be given to the SDS office (typically 5 working days) for accommodations to be arranged. It is the responsibility of the student to provide each instructor with a copy of the official Memo of Accommodation. Contact Information: Disability Coordinator: 359-4714; email: disabilityservices@sar.usf.edu and website: http://usfsm.edu/disability-services/

Fire Alarm Instructions
At the beginning of each semester please note the emergency exit maps posted in each classroom. These signs are marked with the primary evacuation route (red) and secondary evacuation route (orange) in case the building needs to be evacuated. See information available on the USFSM student and faculty webpages at www.usfsm.edu

Religious Observances
The University recognizes the right of students and faculty to observe major religious holidays. Students who anticipate the necessity of being absent from class for a major religious observance must provide notice of the date(s) to the instructor, in writing, by the second week of classes. http://generalcounsel.usf.edu/policies-and-procedures/pdfs/policy-10-045.pdf

Emergency Preparedness
It is strongly recommended that you become familiar with the USF Sarasota-Manatee Emergency Action Plan on the Safety Preparedness. See information available on the USFSM student and faculty webpages at www.usfsm.edu

Web Portal Information
Every newly enrolled USF student receives an official USF e-mail account. Students receive official USF correspondence and Canvas course information via that address. Therefore it is the student’s responsibility to check their USF email regularly.

Instructor Copyright
Students may not sell notes or other course materials.
### Tentative Schedule of Topics and Assignments

<table>
<thead>
<tr>
<th>Dates</th>
<th>Evaluations</th>
<th>Topics</th>
<th>Reading Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/26</td>
<td></td>
<td><strong>Introduction to Perception</strong></td>
<td>Chapter 1</td>
</tr>
<tr>
<td>9/02</td>
<td>Lab 1 and Quiz 1</td>
<td><strong>Physiology of Perception</strong></td>
<td>Chapter 2</td>
</tr>
<tr>
<td>9/09</td>
<td>Lab 2 and Quiz 2</td>
<td><strong>Introduction to Vision</strong></td>
<td>Chapters 3 &amp; 16 (380-383)</td>
</tr>
<tr>
<td>9/16</td>
<td>Lab 3 and Quiz 3</td>
<td><strong>Visual Pathways</strong></td>
<td>Chapters 4 (74-82) &amp; 16 (387-389)</td>
</tr>
<tr>
<td>9/23</td>
<td>EXAM 1</td>
<td></td>
<td>Material from Section 1</td>
</tr>
</tbody>
</table>

**Section 2**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Evaluations</th>
<th>Topics</th>
<th>Reading Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/30</td>
<td>Lab 4 and Quiz 4</td>
<td><strong>Perceiving Objects and Scenes</strong></td>
<td>Chapters 5 &amp; 16 (389-391)</td>
</tr>
<tr>
<td>10/07</td>
<td>Lab 5 and Quiz 5</td>
<td><strong>Perceiving Motion</strong></td>
<td>Chapter 8</td>
</tr>
<tr>
<td>10/14</td>
<td>Lab 6 and Quiz 6</td>
<td><strong>Perceiving Depth and Size</strong></td>
<td>Chapters 10 &amp; 16 (386-387)</td>
</tr>
</tbody>
</table>

**Choose presentation topics and dates**

**Last day to choose presentation topic and date**

10/21 EXAM 2 Material from Section 2

**Section 3**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Evaluations</th>
<th>Topics</th>
<th>Reading Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/28</td>
<td>Lab 7 and Quiz 7</td>
<td><strong>Sound and Hearing</strong></td>
<td>Chapters 11 &amp; 16 (391-392)</td>
</tr>
<tr>
<td>11/01</td>
<td></td>
<td><strong>Last day to withdraw from class without academic penalty</strong></td>
<td></td>
</tr>
<tr>
<td>11/04</td>
<td>Lab 8 and Quiz 8</td>
<td><strong>Speech Perception</strong></td>
<td>Chapters 13 &amp; 16 (392-394)</td>
</tr>
<tr>
<td>11/11</td>
<td></td>
<td><strong>Veterans Day: No school</strong></td>
<td></td>
</tr>
<tr>
<td>11/18</td>
<td></td>
<td><strong>PRESENTATIONS (Group A)</strong></td>
<td></td>
</tr>
<tr>
<td>11/25</td>
<td></td>
<td><strong>PRESENTATIONS (Group B)</strong></td>
<td></td>
</tr>
<tr>
<td>12/02</td>
<td>Lab 9 and Quiz 9</td>
<td><strong>Cutaneous and Chemical Senses</strong></td>
<td>To be announced</td>
</tr>
<tr>
<td>12/09</td>
<td>EXAM 3</td>
<td></td>
<td>Material from Section 3</td>
</tr>
</tbody>
</table>

**Notes.**

1. **Labs** are in-class activities. To receive full credit, you must attend the entire class period and bring your Virtual Lab CD and your laptop computer to class. (See Lab Assignments for makeup requirements.)

2. **Quizzes** are based on the reading assignments and lectures. There are no makeup opportunities for quizzes.

3. **No makeup exams** without a documented excused absence. If you qualify for a makeup, you must take it during scheduled University proctored sessions.

4. Choose your **presentation topic** from the list provided. Requests to present a topic that is not on the list must be made in writing and include appropriate references. (See Guidelines.) If you have not chosen a topic by October 14th, a topic and presentation date will be assigned. Attendance is required for both of the presentation dates. There are no makeup opportunities for presentations.