Modifications to PSY 330 “Brain and Behavior” - transition from 3 credits to 4 credits

Instructor: Dr. Lawrence Ryan

In keeping with our proposed program change, I am proposing a change to the course PSY 330. I believe that this change will benefit students and bring the substance and requirements of this course more in line with other quality university programs across the state and nation.

The table below outlines the modifications to the course so that students will receive 4 credits. The primary changes are additional time in the classroom to discuss in greater depth the topics that are currently covered in a 3-credit class.

<table>
<thead>
<tr>
<th>Proposed 4 Credit Course</th>
<th>Current 3 Credit Course</th>
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<tbody>
<tr>
<td><strong>Hours of Class Room Lecture &amp; Discussion</strong></td>
<td>4 hours per week</td>
</tr>
<tr>
<td><strong>Course Reading</strong></td>
<td>1 Book, 1 Study Guide</td>
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<tr>
<td><strong>Requirements &amp; Grading</strong></td>
<td>4 exams; 25% each</td>
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Brain and Behavior

PSY 330
Enforced Prerequisites: PSY 201 and PSY 202
Class time TBA

Dr. L.J. Ryan
Phone: 541-737-1371
Email: lryan@oregonstate.edu

Credits: This is a 4 credit course
Format: 4 hours of lecture each week.

Office: 136 Moreland Hall
Office hours: ****

Overview
Introduction to the relationships of the structure and functioning of the human brain to behavior. Information from neuroanatomy, neurochemistry, neurosurgery and neurology is combined with psychological research on both normal and abnormal human behavior.

Textbook

Student Learning Outcomes for PSY 330
Students will be able to:
1) Memorize relations between brain structures and functions.
2) Apply current neuroscience findings and theories to explain brain structure and function.
3) Explain the techniques used to study brain structure and function.
4) Learn to think and reason critically.
5) Recall knowledge, improved comprehension, and synthesize knowledge as related to behavioral neuroscience.

Requirements
Lecture sections are essential to learning, your attendance is expected

Grading
Four multiple tests will be each worth 1/4 of your grade. The final exam will cover the final 1/4 of the course. No one will be excused from the final exam. Tests will cover material from the lecture and the text. Makeup exams will only be given to the one or two students, who, during the course of the quarter, are unfortunate enough to be ill or the victim of some other emergency (that can and must be documented) or if other required OSU functions conflict.

NOTE: You will need to bring a SCANTRON answer sheet to each exam. The answer sheets may be purchased in the book store.

Grade Scale:
A : 93-100      C : 70-74
A- : 90-92      C- : 65-59
B+ : 87-89      C+ : 75-79
B : 83-86       D : 60-64
B- : 80-82      F : <  60

The scores on each test will be adjusted to fit the scale to the left. Points will be added to each set of test scores if the test proves harder than expected.
Accommodations for Disabilities

"Accommodations are collaborative efforts between students, faculty and Services for Students with Disabilities (SSD). Students with accommodations approved through SSD are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through SSD should contact SSD immediately at 737-4098."

Academic Honesty

Cheating is a reprehensible and intellectually cowardly act that robs us all; it is not a victimless crime. Cheating will be dealt with strictly, in accordance with guidelines established University by Oregon State University. (Read the sections " Academic Regulations" and "Student Life Policy and Regulations" in the Schedule of Classes, http://oregonstate.edu/admin/stucon/achon.htm ). Punishment may be as severe as suspension or expulsion from the University.

Other Rules

No Smoking; No Children in Class; No Disturbances of Any Kind, No Discussion of Topics Not Germane to the Course Subject Matter. No Ringing Cell Phones.
# TENTATIVE COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading Assignment Chapters</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to the CNS</td>
<td>1.1, 4</td>
</tr>
<tr>
<td></td>
<td>Neurons</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Synapses</td>
<td>3</td>
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**TEST #1 -- Bring a SCANTRON Answer Sheet**

|            | The Senses                           | 6, 7                       |
|            | Movement                             | 8                          |

**TEST #2 -- Bring a SCANTRON Answer Sheet**

|            | Sleep and Waking                    | 9                          |
|            | Internal Regulation - Eating        | 10                         |
|            | Reproduction - Sexual Differentiation | 1.2, 11                  |

**TEST #3-- Bring a SCANTRON Answer Sheet**

|            | Development and Plasticity          | 5                          |
|            | Learning and Memory                 | 13                         |

**FINAL EXAM (TEST #4) in this room.**

Bring a SCANTRON Answer Sheet