

Physiological Psychology – Summer 2014

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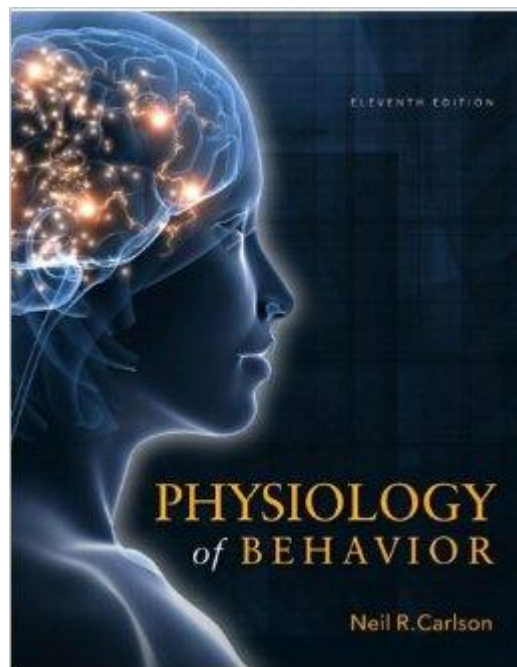
Instructor: Nick Fox

Email – nwf7@scarletmail.rutgers.edu

Office hours: by appointment only

Class meeting time/place – Monday-Thursday 10:10a-12p

Textbook: Physiology of Behavior, 11th edition, by Neil R. Carlson



The aim of this course is to introduce the biological underpinnings of psychology and how the actions of neurons throughout the body affect mood, behavior, and have the capacity to cause disease. Upon successful completion of this course, students will

- Have an understanding of the cell biology of the neuron
- Understand how neurons transmit electrochemical information throughout the body
- Be able to connect perceptual input to motor output
- Understand the cellular basis for learning and memory
- Have foundational knowledge on the etiology of mood disorders and schizophrenia

CLASS SCHEDULE

Tuesday May 27th – Neurons – Chapter 2

Wednesday May 28th – Neurophysiology – Chapter 2

Thursday May 29th – **CANCELLED**

Monday June 2nd – Neuroanatomy, **Quiz 1** – Chapter 3

Tuesday June 3rd – Neurotransmitters – Chapter 4

Wednesday June 4th – Psychopharmacology – Chapters 4 and 18

Thursday June 5th – **Exam 1**

Monday June 9th – Perception 1 – Chapters 6 and 7

Tuesday June 10th – Perception 2 – Chapter 6 and 7

Wednesday June 11th – The Motor System – Chapter 8

Thursday June 12th – Neurological Disorders, **Quiz 2** – Chapter 15

Monday June 16th – Sleep and Biological Rhythms – Chapter 9

Tuesday June 17th – Sex and Reproduction – Chapter 10

Wednesday June 18th – Ingestive Behavior – Chapter 12

Thursday June 19th – **Exam 2**

Monday June 23rd – Learning and Memory 1 – Chapter 13

Tuesday June 24th – Learning and Memory 2 – Chapter 13

Wednesday June 25th – Stress and Anxiety – Chapters 17

Thursday June 26th – Emotion, **Quiz 3** – Chapter 11

Monday June 30th – Psychoneuroimmunology – Chapter 17

Tuesday July 1st – Mood Disorders – Chapter 16

Wednesday July 2nd – Schizophrenia – Chapter 16

Thursday July 3rd – **Final Exam**

Allocation of course points:

Exam 1 – 15 points

Exam 2 – 15 points

Final exam – 40 points

Quizzes – 18 points (6 points each)

Attendance – 6 points

Participation – 6 points

Total – 100 points

Quizzes:

Quizzes will be given after lecture on the day they are scheduled, and will cover topics up to and including the lecture given that day. Quizzes will consist of 20 multiple choice questions and will not be cumulative.

Exams:

Exams will be given on the day they are scheduled and will consist of 60 multiple choice questions. Exams will be “cumulative”, as later topics will build off of foundational information covered earlier in the class.

Academic Integrity:

I have zero tolerance for plagiarism and cheating. Use of cell phones during class, quizzes, and exams is strictly prohibited. Use of phones during quizzes and exams will be considered cheating and will be reported to the office of student conduct. Don't cheat! If you have questions about material or how quizzes or exams are administered, please ask me!