

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Psychology</u>
COURSE RUBRIC AND NUMBER	<u>PSYC 2330</u>
COURSE TITLE	<u>Biological Psychology (F)</u>
COURSE CREDIT HOURS	<u>3 3 : 0</u>
	Credits Lec Lab

I. Catalog Description

An introduction to the biological bases of behavior. Topics include evolution, genetics, research methods in behavioral neuroscience, motivation and emotion, sensation and perception, learning and memory, lifespan development, cognition, psychological disorders, and other complex behaviors. **Prerequisite: PSYC 2301 with a “C” or better. (3:0).**

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Describe the relationship between the brain and behavior and discuss research methods dedicated to this science.
- B. Discuss the anatomical features of the nervous system, from the single cell to the general organization.
- C. Examine communication within the nervous system, both within the neuron and between neurons.
- D. Describe the sensory systems and their relationship to the motor system.
- E. Discuss the endocrine system and its control of reproductive behavior.
- F. Describe the hypothalamus’s control of homeostasis and biological rhythms.
- G. Examine the physiology of emotions, learning, and memory.
- H. Articulate the neuroanatomical workings of psychopathology.
- I. Discuss the cerebral cortex’s contributions to language and cognition.

III. THECB Learning Outcomes (ACGM)

Upon successful completion of this course, students will:

1. Define and explain the biological foundations of behavior, including theories, history, and research methods.
2. Describe the evolution and development of the nervous system – neuroanatomy, neurophysiology, neurotransmission, and neuroendocrinology.
3. Identify the structures and function that underlie sensation, perception, and motor control.
4. Identify and discuss the regulation of behavior, including motivation and emotion, sexual behavior, and biological rhythms.
5. Articulate the biological components of learning, memory, and language.
6. Describe the biological underpinnings of age-related changes in cognition and socioemotional functioning over the lifespan.
7. Examine how biological processes impact health and well-being.

IV. Evaluation

- A. Remediation: The opportunity for remediation is at the discretion of the instructor. Any student performing at an unacceptable level should seek out available tutoring resources provided by the college.

- B. Grading: Course grades will be determined in a manner consistent with the grade description in the current course catalog. The student should consult the instructor's syllabus for more detailed information.

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.