CR COLLEGE OF THE REDWOODS

Psych 20 – Biological Psychology

Course Information
Fall, 2020
Psych 20 - V0018
Mark Winter, PhD
3.0 credit hours

Instructor Contact Information:
Canvas Message – Go to the Help Icon (bottom left) on the class homepage. This is the best method as I receive a notification and it is stored in Canvas for easy access.
Instructor Email - You can also reach me at mark-winter@redwoods.edu I check my email daily. This works but mixes with other work activities.
Canvas Module – Each week there is a link in Modules for a "Question for the Instructor." This is a place to ask questions of general interest to all students. This is not a method for individual or private communication. I check this site every couple days.
Phone Message – This is not available Fall, 2020.

Course Description: This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

Course Learning Outcomes:
1. Analyze how biological processes affect human mind and behavior.
2. Demonstrate knowledge and understanding representing appropriate breadth and depth in selected content areas of biological psychology.
3. Analyze and/or apply biopsychological research in writing.

Required Text: Garrett, B. & Hough, G. Brain and Behavior: An Introduction to Behavioral Neuroscience (5th edition), 2018. Sage Publishing. (ISBN: 978-1-5063-4920-6)

Please have access to the text by the first week of class as assignments begin immediately and are due by the end of the week.

Login instructions for Canvas:
1. Open your web browser and go to https://redwoods.instructure.com
2. Your Username is the same as your **Webadvisor User ID** (e.g., flast123 - first initial + lastname + last 3 digits of your student ID number.) Your initial password is your 6-digit birthdate (mmddyy).
3. Once logged in, on top left-hand side of the screen you should see a drop down menu of your Courses.

Canvas Help: There are Canvas instructions and additional help with preparation for taking an online course at College of the Redwoods at: https://www.redwoods.edu/online

Computer Skills: Online courses require adequate computer skills. You should be able to navigate the course website, open and download files, use a word processor with either Microsoft word (.docx) or be able to convert files to portable document format (.pdf), and submit files to the class website. It is your responsibility to meet the technological demands of the course.

Computer Requirements:

Internet Access: Broadband services from cable, DSL, or satellite providers as there are required multimedia assignments. You need to have reliable access to the internet at least two times a week for 16 weeks. Anticipate problems with your computer and internet access (including power outages) by not waiting until the last minute to submit assignments. It is your responsibility to meet the class deadlines.

Computers: You should plan on doing the majority of your work (especially exams and assignments) from a reasonably recent model notebook or desktop computer (Mac or PC). *Do NOT participate in this class solely from a portable device.*

> **Portable Devices:** You can use recent model portable devices (such as Android or iOS phones & tablets) for some things in this class. If you do decide to use your portable device for *some* of your class work, use the free Canvas app (called "Canvas by Instructure") available in iTunes (for iOS) and the Google Play Store (for Android). **Do not** try to connect to Canvas using a web browser on a portable device. Your experience with Canvas will be a lot better using the app.
> **Browsers** - You will need to use the most recent version of one of the following browsers in order to best access the course and activities; Mozilla Firefox (10 or higher), Chrome (54.0.2840.99 m or higher), or Safari (1.2 or higher). Do not use Internet Explorer as it does not work properly with Canvas.

Student Commitment: Your commitment will require at least as much time as you dedicate to a traditional class. A typical three credit hour class will require about nine hours per week of your time. You will need to carefully read textbook chapters and watch online video lectures and assigned videos, participate in online discussions, complete weekly quizzes, and submit written exams. Conscientiousness, organizational skills, attention to details, self-discipline, and college-level reading and writing are critical for success.

Instructor Commitment: I dedicate as much or more time to this class compared to a traditional class. I will access the class website regularly (usually daily) and respond to posted questions and messages within 48 hours. Additionally, I read every discussion forum post and occasionally participate. There is also regular instructor-based communication with weekly announcements, lecture videos, evaluative feedback to each of your discussion posts, and emails/messages to students who fall behind.

Class Discussions (130 points/25%): Each week has a discussion based on a video prompt. You will receive up to a maximum of 10 points for postings and responses to other peoples' postings (see scoring below). This is an important and required part of the class. The discussion forum is accessed in Modules at the class website. *The lowest score will be dropped for your final grade.*

       Primary Post -- 6 points possible --Your primary post must:

- **Identify and React analytically** to specific video content, not a summary (1 point)
- **Relate and apply** topic to your own personal experience (1 point)
- **Contribute** to the topic with additional information; a web search and include psychological science source link (1 point)
- **Use** correct grammar, spelling, punctuation, and complete sentences (1 point)
- **Be posted before** the Thursday deadline (1 point)
- **Meet** the 300 word minimum length: (1 point)

       Reply Postings -- 4 points possible – Each of your **two reply posts** must:

- **React thoughtfully** to the content of a classmate's primary post. **Focus your reply** on your classmate's post, not on your personal experiences (1 point for each of two replies)
- **Meet** the 100 word minimum length and college writing quality (1 point for each of two replies)

Chapter Quizzes (260 points/50%): Chapter quizzes consist of 20 timed multiple-choice items **based on a mix of lectures, assigned videos, and assigned textbook readings.** Quizzes are available beginning Mondays the week the chapters are presented and until the deadlines on Sundays at 11:59 pm. Quiz scores are displayed immediately and correct answers are displayed after the Sunday deadline. You are limited to a total of 20 minutes for each quiz. Although open-book, you will not have time to search and find all of the answers. You can take each quiz twice with the higher score recorded in the gradebook. *The lowest score will be dropped for your final grade.*

Exams (70 points/13%): Each of the two exams consists of 7 short essay questions based on the readings and lectures. Study guides will be provided. Exams are not proctored.

Research Essay (60 points/12%): This will be a research paper (3-5 pgs) on an instructor-approved biological psychology topic. This assignment includes an instructor-approved topic outline (10 pts.) and essay/paper (50 pts.). Information is available at the modules link in Canvas. All research assignments will be submitted electronically using Canvas - with auto routing to Turnitin.com for plagiarism review.

Dates	Topics	Assignments
Week 01 Aug 22 – Aug 30	**Introduction to Biological Psychology**	**Chapter 1** Text, Lectures/Videos, Quiz, and Discussion
Week 02 Aug 31 – Sept 06	**Nervous System Communication**	**Chapter 2** Text, Lectures/Videos, Quiz, and Discussion
Week 03 Sept 07 – Sept 13	**Nervous System Organization and Function**	**Chapter 3** Text, Lectures/Videos, Quiz, and Discussion
Week 04 Sept 14 – Sept 20	**Drugs and Addiction**	**Chapter 5** Text, Lectures/Videos, Quiz, and Discussion
Week 05 Sept 21 – Sept 27	**Motivation**	**Chapter 6** Text, Lectures/Videos, Quiz, and Discussion
Week 06 Sept 28 – Oct 04	**Sex and Gender**	**Chapter 7** Text, Lectures/Videos, Quiz, and Discussion
Week 07 Oct 05 – Oct 11	**Emotion and Health**	**Chapter 8** Text, Lectures/Videos, Quiz, and Discussion
Week 08 Oct 12 – Oct 18	**Midterm Exam** **Research Paper Outline**	**Midterm Exam** Chapters 1-3 & 5-8 **Paper Outline**

Week 09 Oct 19 – Oct 25	**Hearing and Language**	**Chapter 9** Text, Lectures/Videos, Quiz, and Discussion
Week 10 Oct 26 – Nov 01	**Vision and Visual Processing**	**Chapter 10** Text, Lectures/Videos, Quiz, and Discussion
Week 11 Nov 02 – Nov 08	**Body Senses and Movement**	**Chapter 11** Text, Lectures/Videos, Quiz, and Discussion
Week 12 Nov 09 – Nov 15	**Learning and Memory** **Research Paper**	**Chapter 12** Text, Lectures/Videos, Quiz, Discussion, & Paper
Week 13 Nov 16 – Nov 22	**Intelligence and Cognitive Function**	**Chapter 13** Text, Lectures/Videos, Quiz, and Discussion
Nov 23 – Nov 29	**Thanksgiving Holiday**	
Week 14 Nov 30 – Dec 06	**Psychological Disorders**	**Chapter 14** Text, Lectures/Videos, Quiz, and Discussion
Week 15 Dec 07 – Dec 13	**Sleep and Consciousness**	**Chapter 15** Text, Lectures/Videos, Quiz, and Discussion
Final Exam Dec 10 – Dec 16	**Final Exam**	**Final Exam** Chapters 9-15

Grade Distribution: **A**=*93% and above,* **A-**=*90-92%,* **B+**=*88-89%,* **B**=*83-87,* **B-**=*80-82%,* **C+**=*78-79%,* **C**=*65-77%,* **D**=*60-64%,* **F**=*59% and below*

Student Code of Conduct: Please familiarize yourself with the [Student Code of Conduct (AP 5500)](#). It is required that you do your own work. All papers, postings, and exams must be completed by you without assistance. Do not use any source except the textbook or instructor's lectures in your discussion posts without proper citation. In cases involving academic dishonesty, determination of the grade and your status in the course is left primarily to the discretion of the instructor. In such cases where the instructor determines that you have demonstrated academic dishonesty, you may receive a failing grade for the assignment.

Student Accessibility: Students will have access to online course materials that comply with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Students who discover access issues with this class should contact the instructor. College of the Redwoods is also committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or [Disability Services and Programs for Students](#) (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:
- Eureka: 707-476-4280, student services building, 1st floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

Approved accommodations for online classes are emailed to the instructor by DSPS. Last-minute arrangements or post-test adjustments cannot usually be accommodated.

Admissions deadlines & enrollment policies:
- *Classes begin: 8/22/20*
- *Last day to add a class: 8/28/20*
- *Last day to drop without a W and receive a refund: 9/4/20*
- *Labor Day (all-college holiday): 9/7/20*
- *Census date: 9/8/20 or 20% into class duration*
- *Last day to petition to file P/NP option: 9/18/20*
- *Last day to petition to graduate or apply for certificate: 10/29/20*
- *Last day for student-initiated W (no refund): 10/30/20*
- *Last day for faculty initiated W (no refund): 10/30/20*
- *Veteran's Day (all-college holiday): 11/11/20*
- *Fall break (no classes): 11/23/20-11/28/20*
- *Thanksgiving (all-college holiday): 11/25/20-11/27/20*
- *Final examinations: 12/12/20-12/18/20*
- *Semester ends: 12/18/20*
- *Grades available for transcript release: approximately 1/8/21*

Withdrawal from Class: Students can withdraw from class without a grade and receive a full refund by 9/04/20. The last day for a student-initiated withdrawal is 10/30/20 and results with a W in the transcript and no refund. Administrative procedure (AP) 5075 allows instructors to

withdraw students from class for non-participation through the 10th week of class. Non-participation for two weeks of assignments may result in involuntary withdrawal. Students who have experienced extenuating circumstances can complete & submit the *Excused Withdrawal Petition* to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the Admissions and Records Forms Webpage. Supporting documentation is required.

Academic Support and Resources: Student support available at the following sites: CR-Online, Library Articles & Databases , Online Student Handbook, Counseling offers assistance to students in need of professional counseling services such as crisis counseling. Learning Resource Center includes the following resources for students: Academic Support Center, Library Services, and Multicultural & Diversity Center.

Special programs are also available for eligible students include: Extended Opportunity Programs & Services (EOPS) provides financial assistance, support and encouragement for eligible income disadvantaged students at all CR locations. The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for TRiO in Eureka or TRiO in Del Norte.

The Veteran's Resource Center supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources. Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

Academic Honesty: In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies, and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

Regular Contact: The instructor will initiate regular effective contact and maintain substantive interaction by including elements such as timely (within one week) and substantive feedback using a scoring rubric on course assignments including discussion forums and access to correct answers on weekly quizzes. Instructor-prepared materials (videos and/or lectures) are used to create a virtual equivalent of face-to-face classes.

Setting Your Preferred Name in Canvas:
Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the Student Information Update form.

Notes:

- *While I make every effort to follow the standards and schedule of this syllabus there may be times when changes are necessary. I will inform the class through the announcement board and/or class messages of any changes.*