

# CAMOSUN COLLEGE School of Arts & Science Department of Psychology

# PSYC-110-D06 Experimental Psychology Fall 2020

# **COURSE OUTLINE**

The course description is available on the web @ http://camosun.ca/learn/calendar/current/web/psyc.html

 $\Omega$  Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

### 1. Instructor Information

Instructor	Arloene Burak, M.Sc.	
Office Hours	Wednesday 9:00 through Collaborate or by appointment	
email	BurakA@camosun.bc.ca	
Lab Assistant	Kristina Andrew, M.Sc.	
Office Hours	By appointment	
email	Andrew@camosun.bc.ca	

#### 2. Intended Learning Outcomes

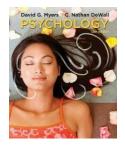
(If any changes are made to this part, then the Approved Course Description must also be changed and sent through the approval process.)

Upon completion of this course a student will be able to:

- 1. Describe the components and rationale for the experimental methodologies used to acquire psychological knowledge.
- 2. Describe the difficulties inherent in psychological research and conduct thoughtful critiques of select studies.
- 3. Design and conduct studies of psychological topics and present the outcomes in a clear, logical fashion.
- 4. Apply psychological concepts to the study of neuroscience, sensation, perception, learning, memory, intelligence, and language.

The outcomes will be measured by a combination of examinations, assignments, presentations, group work, and discussions.

### 3. Required Materials



Myers, David, G. & DeWall, C.N. (2018). *Psychology* (12<sup>th</sup> Edition). Worth Publishers: New York

The text can be purchased as a book, loose-leaf pages for a binder, or e-book.

(b) Other

## 4. Course Content and Organization

(Can include: Class hours, Lab hours, Out of Class Requirements and/or Dates for quizzes, exams, lecture, labs, seminars, practicums, etc.)

The course will begin September 8<sup>th</sup> and end December 14<sup>th</sup>. The course is delivered on the Camosun Desire2Learn (D2L) system. Course materials are posted online. To access the lecture, video and lab materials, click on the **My Tools** tab drop down menu and then on **Content.** Each week of the semester covers a module including the assigned chapter from the textbook and the corresponding lab. There are online quizzes, lab assignments, and a research project. Reading the textbook is essential.

### PSYCH 110 – TIMETABLE – FALL 2020

Wk	Week Starting Monday	Lecture Topics	Readings	Lab Module Topic/Activities Due Friday 10:00 PM	
1	Sept 7 <sup>th</sup>	Orientation The Story of Psychology <i>Chapter Quiz Due: Sept.</i> 15	Prologue	<ul> <li>Introduction and Welcome!</li> <li><i>Quiz:</i> Introductory Welcome (due: Sept 11)</li> </ul>	
2	Sept 14 <sup>th</sup>	Psychological Science Chapter Quiz Due: Sept. 22	Chapter 1	<ul> <li>Visiting the APA Website</li> <li><i>Quiz:</i> APA Website (due: Sept 18)</li> </ul>	
3	Sept 21st	The Biology of Mind	Chapter 2	<ul> <li>Naturalistic Observation</li> <li>Assignment: Naturalistic Observation (Sept 25)</li> </ul>	
4	Sept 28 <sup>th</sup>	The Biology of Mind Chapter Quiz Due: Oct. 6	Chapter 2	Brain Game • Brain Game & Quiz: Brain Scenario (Oct 2)	
5	Oct 5 <sup>th</sup>	Consciousness	Chapter 3	<ul> <li>Reading a Scientific Article</li> <li>Assignment: Read Yaden et al. (2016) Oct 9</li> </ul>	
6	Oct 12 <sup>th</sup>	Consciousness Chapter Quiz Due: Oct. 20	Chapter 3	Descriptive Statistics     Quiz: Descriptive Statistics (Oct 16)	
7	Oct 19 <sup>th</sup>	<ul> <li>Genetics, Nature/Nurture</li> <li>Chapter Quiz Due: Oct. 27</li> </ul>	Chapter 4	<ul> <li>Correlation</li> <li>Assignment: Correlation (Oct 23)</li> </ul>	
8	Oct 26 <sup>th</sup>	Sensation & Perception	Chapter 6	<ul> <li>Inferential Statistics</li> <li>Assignment: Inferential Statistics (Oct 30)</li> </ul>	
9	Nov 2 <sup>nd</sup>	Sensation & Perception Chapter Quiz Due: Nov. 10	Chapter 6	<ul> <li>Final Project Preparation</li> <li>Assignment: Craik and Tulving (1975) Nov 6</li> </ul>	
10	Nov 9 <sup>th</sup>	Learning Chapter Quiz Due: Nov. 17	Chapter 7	<ul> <li>Experimental Design</li> <li>Assignment: Designing an Experiment (Nov 13)</li> </ul>	
11	Nov 16 <sup>th</sup>	Memory	Chapter 8	Formatting The Paper • Assignment: Writing the Title Page Methods Section and Appendix (Nov 20)	
12	Nov 23 <sup>rd</sup>	Memory Chapter Quiz Due: Dec. 1	Chapter 8	<ul> <li>Data Analysis and Results</li> <li>Assignment: Analyzing the Data, Writing the Results Section, &amp; Creating the Figure (Nov 27)</li> </ul>	
13	Nov 30 <sup>th</sup>	Thinking/Language	Chapter 9	<ul> <li>Citations and References in APA</li> <li>Quiz: APA Citations and References (Dec 4)</li> </ul>	
14	Dec 7 <sup>th</sup>	Thinking/Language Last Chapter Quiz Due: December 15 <sup>th</sup>	Chapter 9	<ul> <li>Final Report Writing</li> <li>Assignment: Writing the Abstract, Introduction, Discussion and References and submission of the final project</li> <li>Research Report Due: December 11<sup>th</sup></li> </ul>	

# 5. Basis of Student Assessment (Weighting)

(Should be directly linked to learning outcomes.)

Prologue Quiz	5%	- 3 attempts per Prologue quiz – highest mark counts	
	570	- The Prologue quiz will be multiple choice	
		- The link for the quiz is on D2L (see information below)	
Chapter	60%	- There will be 8 Chapter guizzes corresponding to the textbook, lecture	
Quizzes		PPT notes, and videos (see class schedule for dates).	
		- Only one attempt will be allowed per quiz.	
		- Of the 8 quizzes, the lowest grade will be dropped. Students are required	
		to complete all 8 Chapter quizzes.	
		- Quizzes will be multiple choice with occasional short written responses.	
		- The quizzes will not be cumulative and must be all submitted by Dec. 14 <sup>th</sup> .	
Labs	30%	- Weekly labs (see class schedule for due dates) involving reading scientific	
		articles, collecting data, analyzing data, and writing an APA style research	
		report. To make the concepts in this course more meaningful to you, some	
		self-reflection questions will also be offered.	
		- Weekly labs involving either assignments or quizzes are due on Fridays at	
		10 pm. Late labs will receive a penalty of 10% per day.	
Research	5%	The final written research report will be due on Dec. 11 <sup>th</sup> .	
Report			

#### Step-by-Step Guide for Student Access to Quizzes/Exams on D2L:

- 1. Login to course D2L Website.
- 2. Select **Content** from the navigation bar.
- 3. Select **Quizzes** from the content drop-down menu.
- 4. Scroll down to **Current Quizzes**.
- 5. Click the link for the quiz you need to complete.
- 6. Scroll down to the bottom of the page and click Start Quiz.
- 7. Select the correct response for each question in the quiz (Your responses will automatically be saved).
- 8. Once you've answered all the questions, scroll to the bottom of the page and click **Submit Quiz**.
- 9. D2L will prompt you to return to questions that you may have missed or have not yet answered. You may have to click the **Submit Quiz** button again.

Please note that LATE WORK WILL ONLY BE ACCEPTED IN EXTREME CASES. PLEASE SCHEDULE YOUR TIME TO MEET ALL DUE DATES. You must contact me in advance

### 6. Grading System

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.) (Mark with "X" in box below to show appropriate approved grading system – see last page of this template.)



Standard Grading System (GPA)

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Competency Based Grading System

7. Recommended Materials to Assist Students to Succeed Throughout the Course

# 8. College Supports, Services and Policies



### Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <u>http://camosun.ca/about/mental-health/emergency.html</u> or <u>http://camosun.ca/services/sexual-violence/get-support.html#urgent</u>

#### **College Services**

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <u>http://camosun.ca/</u>

#### **College Policies**

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <a href="http://camosun.ca/about/policies/">http://camosun.ca/about/policies/</a>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

# A. GRADING SYSTEMS http://camosun.ca/about/policies/index.html

The following two grading systems are used at Camosun College:

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	В		5
70-72	B-		4
65-69	C+		3
60-64	С		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

#### 1. Standard Grading System (GPA)

# 2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
СОМ	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

# **B.** Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <a href="http://camosun.ca/about/policies/index.html">http://camosun.ca/about/policies/index.html</a> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description	
Ι	<i>Incomplete</i> : A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.	
IP	<i>In progress</i> : A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.	
CW	<i>Compulsory Withdrawal</i> : A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.	