PSYCHOLOGY 300B Đ Section A02 Statistical Methods in Psychology II Spring (Jan. - Apr.) 2021 : CRN 22560

ZOOM VIDEO CONFERENCING INFORMATION

Please log into the Zoom Video Conferencing site for PSYC 300B (A02) through the BrightSpace under General Course Resources. This will ensure that you are properly represented in the sessi

COURSE FORMAT

Course material will be presented in 3 discrete sections through text readings, lectures, graded lab graded homework assignments, and a course research project. Answer keys for labs and homewore be available through the web sitte is assumed that you have read the relevant course material prior each lecture.

COURSE EVALUATION

Comprehension of course material will be assessed through performance onÉ

- (a) 2 midterm exams (each worth 15% of your final grade),
- (b) a cumulative final exam (30%),
- (c) a research report (15%),
- (d) labs (10%),
- (e) online quizzes (10%), &
- (f) Graded Homework Assignments (5%)
- (g) Up to 3% bonus for Zoom Polling Questions

GRADING (% of total marks)

Effective May 1, 2014, the letter grading system previously used at UVic was discontinued. Your fin grade will be a straight percentage. Your final grade will be rounded at the 0.5% level (e.g., 84.50 w rounded to 85; 84.49 will be rounded to 84.00). Rounding will only occur for the final grade.

NOTE: All deadlines & grades submitted for exams & various assignments are final. There are no r up assignments, no make-up exams, no bonus or extra assignments that yoposthindo to alter your grades. The time to invest in achieving the best possible grade is during the course, not afterward.

EXAMS: There are a total of two midterms exams, each worth 15%, and one cumulative Final Exar worth 30%. All exams will be written online and will be timed; to reduce load on the BrightSpace se you will be given a window of time in which to start your exam, including the scheduled course time grades will be posted on BrightSpace following each exam. It is your responsibility to check this po to ensure the grade is correct. The final exam will be scheduled during the December formal exam

Dates of Exams:Exam 1: February 9 (Tuesday)Exam 2: March 16 (Tuesday)Final Exam: T.B.A.

Exam Format: Short answer and computational with emphasis on conceptual mastery of statistical material. Each exam will cover material from the text, class lectures, class exercises and relevant homework assignments.

POLICY ON MISSED EXAMS: (Please read as this is important!)

You are responsible for attending midterms as scheduled. If you miss a midterm due to illness, acc or family affliction, you must send me an email as soon as possible indicating that you have missed midterm, and the reason for it. For the 2021 Spring term, students are not required to provide documentation to support their request for academic concession (e.g. medical notes), but it is appr A make-up midterm will be scheduled to be completed within 7 days of the missed midterm. If the up midterm is is not completed within that timeframe, a score of 0 will be assigned to the midterm, in there are exceptional circumstances.

Students who miss both midterms will receive a grade of ÒNÓ in the course as they will be deeme have missed too much of the course material to have met course completion requirements.

Final Exam: If you are unable to attend the final exam you must apply to Records Services for a ÒRequest for Academic ConcessionÓ (RAC), typically within 10 working days of the exam date. If academic concession is granted for the final exam, an alternative date to write the make up exam I be arranged with the instructor. Any student who does not take the final exam will receive an ÒNÓ this course.

Link for RAC <u>D</u> https://www.uvic.ca/registrar/students/policies/appeals/rac-request.php

TENTATIVE COURSE SCHEDULE

WEEK	DATE CHAPTER / LECTURE TOPIC
	PART 1 D Hypothesis Testing with 1- and 2-Sample Designs, Variability Explained
1	12-Jar Tuesday Course Introduction
•	13-Jar Wednesday Lecture 1: Independent & Dependent Variables
	15-Jar Friday Lecture 1: Independent & Dependent Variables
2	19-Jar Tuesday Lecture 2: Hypothesis Testing Đ Related Sample Design
_	20-Jar Wednesday Lecture 2: Hypothesis Testing D Related Sample Design
	22-Jar Friday Lecture 3: Hypothesis Testing D Correlation Design
3	26-Jar Tuesday Lecture 4: Hypothesis Testing D Independent Samples Design
	27-Jar Wednesday Lecture 4: Hypothesis Testing D Independent Samples Design
	29-Jar Friday Lecture 4: Hypothesis Testing D Independent Samples Design
4	02-Feb Tuesday Lecture 4: Hypothesis Testing Đ Independent Samples Design
	03-Feb WednesdayLecture 5: Variability Explained
	05-Feb Friday Review/Catch-Up
5	09-Feb Tuesday Exam #1 (Lectures 1 Đ 5, Labs #1 & #2, Homework)
	PART 2 D Power and Multigroup Design (ANOVA)
	10-Feb Wednesday Lecture 6: Power
	12-Feb Friday Lecture 6: Power
6	16-Feb Tuesday Reading Break Đ No Class
	17-Feb Wednesday Reading Break D No Class
	19-Feb Friday Reading Break D No Class
7	23-Feb Tuesday Lecture 6: Power
	24-Feb Wednesday Lecture 7: Hypothesis Testing D Multigroup Design (ANOVA)
	26-Feb Friday Lecture 7: Hypothesis Testing D Multigroup Design (ANOVA)
8	02-Mar Tuesday Lecture 7: Hypothesis Testing Đ Multigroup Design (ANOVA)
	03-Mar WednesdayLecture 7: Hypothesis Testing D Multigroup Design (ANOVA)
	04-Mar Friday Lecture 8: Multiple Comparisons
9	09-Mar Tuesday Lecture 8: Multiple Comparisons
	10-Mar WednesdayLecture 8: Multiple Comparisons
	12-Mar Friday Review/Catch-Up
10	16-Mar Tuesday Exam #2 (Lectures 6 D 8, Class Exercise #3 & #4, Homework
	PART 3 D Multifactorial Designs and Non-Parametric Tests
	17-Mar WednesdayLecture 9. Hypothesis Testing: Multi-Factorial Designs
	19-Mar Friday Lecture 9. Hypothesis Testing: Multi-Factorial Designs
11	23-Mar Tuesday Lecture 9. Hypothesis Testing: Multi-Factorial Designs
	24-Mar WednesdayLecture 10: Interactions in Factorial Designs
	26-Mar Friday Lecture 10: Interactions in Factorial Designs
12	30-Mar Tuesday Lecture 10: Interactions in Factorial Designs
	31-Mar Wednesday Lecture 11: Analysis of Frequency Data
	02-Apr Friday Good Friday Đ No Class
13	06-Apr Tuesday Lecture 11: Analysis of Frequency Data
	07-Apr Wednesday Lecture 12: Options when Assumptions are Violated
	09-Apr Friday Lecture 12: Options when Assumptions are Violated
	12-Apr Monday Review/Catch-Up

SPECIAL STATEMENT ON ONLINE COURSE DELIVERY

Given the current situation and need for physical distancing, the course will be delivered remotely and will involve a mixture of self-directed activities and online live video lecture and discussion ses Because of its online delivery there might be some additional challenges for you as a student. Pleat the following carefully and keep in mind for the course:

¥ Useful information on online learning can be found at Utvice Learn Anywhereportal.

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Important Course Policy Information Spring 2021

Prerequisites

Program Requirements

Registration Status

Commitment to Inclusivity and Diversity

In the Event of Illness, Accident or Family Affliction

What to do if you miss the final exam scheduled during the formal exam period

What to do if you miss an exam other than one scheduled during the formal exam period

What to do if you require additional time to complete course requirements

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Plagiarism

Unauthorized Use of an Editor

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Multiple Submission

Falsifying Materials Subject to Academic Evaluation

Cheating on Assignments, Tests, and Examinations

Aiding Others to Cheat

The definitive source Other useful resources on Plagiarism and Cheating include:

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A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stressf All o us benefit from support during times of struggle. You are not alone.

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Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, counsiens, intramurals and teams on campus.

https://www.uvic.ca/mentalhealth/undergraduate/connecting/index.php

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Counselling Services can help you make the most of your university experience. offer free professional, confidential, inclusive support to currently registered UVic students.<u>www.uvic.ca/services/counselling/</u>

6

University Health Services (UHS) provides a full service primary health clinic for students, and coordinates healthy student and campus initiatives. <u>www.uvic.ca/services/health/</u>

9

The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodatiowsvw.uvic.ca/services/cal/The sooner you let us know your needs, the quicker we can assist you in achiev.1

Sexualized Violence Prevention and Response at UVic

UVic takes sexualized violence seriously, and has raised the **branato** is considered acceptable behaviour. We encourage students to learn more about **bloe**vuniversity defines sexualized violence and its overalapproach by visiting<u>ww.uvic.ca/svp</u> If you or someone you know has been impacted by sexualized violence and needs information, advice/gansupport please contact thescualized violence resource office in Equity and Human Righter RNW hether or notyou have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:

Where: Sexualized violence resource office i QHER Sedgewick C119

Phone: 250.721.8021 Email:<u>svpcoordinator@uvic.</u>ca Web:www.uvic.ca/svp