

WEBSITE TEMPLATE

Course	PSYC 3000 A & B
Instructor	Deanna C Whelan
Term	Fall/Winter
Email Address	Deanna.Whelan@carleton.ca
Office Location	Loeb A825
Office Hours	Online office hours TBA

COURSE DESCRIPTION/INSTRUCTORS STATEMENT

*Thursday times listed represent **synchronous** course elements where online **attendance and engagement** are critical for success. Students registering in Sections A and B need to ensure they have availability for the Thursday time listed in Central.*

Outside of the Thursday's times, course content is available in a structured asynchronous format.

*For **Tuesday's** listed timeslots, some weeks will have optional class-based **Question-and Answer periods** (recorded to accommodate asynchronous learning).*

Course weekly organization: watching available lecture content, completing weekly quiz, preparation for activities by using datasets to practice/recreate content from videos, then on Thursdays the scheduled synchronous hands-on application/extension of content. Rinse-and-repeat!

The course is designed to provide a practical introduction to the main concepts and principles of statistics including use of statistical software (SPSS). I strive to provide a learning environment that encourages active and collaborative learning. The format of this course is comprised of online and face-to-face elements which are temporarily being transitioned to a fully online format through asynchronous and synchronous components.

The skills that I expect students to have by the end of the course include:

- Being able to determine the appropriate statistical test based on variable characteristics.
- Conduct, in SPSS, all the major statistical analyses including testing of the required assumptions.
- Write up and interpret results based on SPSS output.

- Understanding and application of APA formatting including the proper formatting of tables, figures, and statistical results.

As the objectives of the course embrace students' ability to perform tasks, synchronous class times (scheduled on Thursdays) will incorporate **active learning through hands-on activities**. Students will need to be **fully prepared** for the synchronous hands-on activities (similar to traditional science "labs") so that our limited time together can delve into the more challenging material and to facilitate your ability to work with other students in completing analyses, write reports, and apply APA formatting.

EVALUATION

The final grade will be composed of:

- a) Chapter Zero (preparation for the course and online format)
- b) Hands-On Activities (synchronously on Thursdays)
- c) On-line quizzes
- d) SPSS tests (scheduled for synchronous completion on Thursdays)
- e) Projects

TEXT

Field, A. (2017). *Discovering Statistics Using IBM SPSS Statistics* (5th edition) Sage.

*Only the 5th edition should be purchased. Student choice for format (ebook or paper but note Deanna's comment immediate below).

Students may prefer a paper copy to reduce the number of tabs/windows open when working on hands-on activities and projects. That is, SPSS, Word, lecture slides, textbook and other resources (Google searches) are all needed simultaneously to complete hands-on activities and projects. Having a paper copy of the textbook may facilitate accessing its contents not just during the course but also when references statistical content for other undergraduate and graduate level courses.

SPSS Statistical Software is needed for this course. Three different options for accessing the software are available (access codes for installing, an application to access the software remotely, and a fully online (no application) method). Thus, do **NOT** purchase a copy and see cuLearn "Chapter Zero" for SPSS access information.