

## WEBSITE TEMPLATE

<b>Course</b>	PSYC 3000 B
<b>Instructor</b>	Deanna C Whelan
<b>Term</b>	Fall/Winter
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<b>Office Location</b>	Loeb A825
<b>Office Hours</b>	TBD

### COURSE DESCRIPTION/INSTRUCTORS STATEMENT

This is a **'blended and flipped'** course structure (see note below). 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 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, class time will incorporate traditional lecture and **active learning**. Students will need to be **prepared** for class so that we can delve into the more challenging material and work together to complete analyses, write reports, and apply APA formatting. Students should bring their laptops to class.

**Important Note:** *The course structure is non-traditional... there are blended elements (online video lectures) and flipped elements (where work traditionally done 'at home' is brought into regular class time in a 'lab' based format). **Class attendance and online video lectures are critical for learning and for grades.***

*As per the university calendar – lectures and tutorials are 4 hours per week.*

## EVALUATION

The final grade will be composed of:

- a) On-line quizzes
- b) Activities (completed in-class)
- c) SPSS tests
- d) Written assignments
- e) and take-home 'exams'

## TEXT

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

Students may wish to purchase the **e-book** version.

It is less expensive and does not weigh as much making it easier to 'bring to class'!

<https://www.vitalsource.com/products/discovering-statistics-using-ibm-spss-statistics-andy-field-v9781526440310>

SPSS Statistical Software is needed for this course but is available on university laboratory computers and we will be using an application to access the software through the internet (thus, do **not** purchase a copy).