

WEBSITE TEMPLATE - PSYC 2001

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| Instructor | Guy Lacroix |
| Term | Summer 2020 |
| Email Address | guy_lacroix@carleton.ca |
| Office Hours | Mondays from 12 to 2 (Bigbluebutton) |

COURSE DESCRIPTION/INSTRUCTORS STATEMENT

The main goal of this class will be to introduce you to the application of the scientific method to the study of mind and behavior. More specifically, you will learn:

- 1 – how science works and how it can be applied to psychological questions;
- 2 – how scientific research is disseminated;
- 3 – how scientific journal articles are structured and written using the American Psychological Association (APA) style;
- 4 – about the ethical considerations of conducting research with humans and animals;
- 5 – about the selection of participants for research;
- 6 – about a variety of research approaches (including descriptive, correlational, quasi-experimental, and experimental designs);
- 7 – how to understand and use a few basic descriptive and inferential statistics to summarize and analyze data;
- 8 – how to use Microsoft Excel to compute basic statistics and to plot graphs.

In the end, your research methods class will allow you to gain a better understanding of your other psychology classes in all areas of research. It will also help you prepare for your Honours thesis and, ultimately, for graduate school (experimental and clinical) if you choose that career path. Finally, it will make you a better consumer of scientific information presented in the media.

EVALUATION

Three multiple choice tests and one Excel assignment.

TEXT

Gravetter & Forzano (2019). *Research Methods for the Behavioral Sciences* (6th ed.).
Thompson/Wadsworth.