

Brief Course Outline

Course Title: Introduction to Neuroimaging Research in Psychology

Course Number and Section:

PSYCHOL

3222F 550

Instructor Name(s): Derek Quinlan

Instructor Email(s): dquinla4@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

A research-oriented course that focuses on the experiments and methodological techniques in neuroimaging that lead to our current understandings of the structure and function of the mammalian brain.

Learning Outcomes:

By the end of this course, students should have a broader understanding of concepts in neuroimaging research

By the end of this course, students should have a working knowledge of the research paradigms and methodology used in neuroimaging research

Textbooks and Course Materials:

Introduction to Human Neuroimaging
by Hans Op de Beeck and Chie Nakatani
Cambridge University Press (May 16, 2019)

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Midterm Exam	10/20/2025	30
Final Exam	TBD	40
Research Summary Paper	12/01/2025	30

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Wednesday, August 20, 2025