

PSYC3030

Psychology Undergraduate Research Experience (PURE)

Title of Project	An introduction to the event-related potential technique
Supervisor	Bradley Jack
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Expressions of Interest due by	End of Week 1 for Semester/Session
Project Background	The event-related potential (ERP) technique is widely used to measure the time course of brain activity across a range of basic science (e.g., perception, action, attention, emotion, and language) and clinical science (e.g., schizophrenia, Parkinson's disease, depression) domains. The aim of this Special Topics in Psychology course is to introduce students to the essential aspects of the ERP technique, providing them with a solid foundation for conducting ERP research on normal and abnormal functioning of the mind and brain.
Time and duration of project	2025 Semester/Session
Pre-requisites	A Distinction or High Distinction in PSYC2007 or PSYC2008
Proposed Assessment	<p>Minimum requirements to pass this course:</p> <ul style="list-style-type: none"> - Attend and participate in weekly lab meetings - Assist with EEG data collection <p>Graded assessments:</p> <ul style="list-style-type: none"> - Four critical analyses of research (40%) - Quiz (20%) - Final written piece (40%)
Any additional information	
Places Available	3