

COURSE NAME AND CODE

Course	PSYCH 4700 A
Instructor	Robert West
Term	Fall
Email Address	robert.west@carleton.ca
Office Location	TBA
Office Hours	TBA

COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

This course will review the different types of cognitive models; how they work, what they are used for, and how to evaluate them. The models examined will include ACT-R, neural networks, holographic memory, spiking neurons, and deep belief networks. We will focus on how these models can be used to understand memory representation, learning, emotion, and the interaction between cognition and action. Students will not be required to actually build models. Course delivery will be asynchronous

EVALUATION

Online class presentation – 25%

Final paper – 75%

TEXT

No text books are required. All materials will be supplied online for free