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## **New Course Request**

				Academic	Organization and C	urriculum Handbook
College	SBS					
Course Bulletin Listing	PSYCH	- PSYCH	HOLOGY			
Course Prefix		Course 618 Number	Generic cours			
Full Course Title	Introduction	on to Computational (	Cognitive Neuroscier	nce		
Transcript Title	CompuCo	gNeuroSci				
Level	✓ Underg ✓ Gradua			Credit Hours	4	
Proposed Effective Year	09		Proposed E	Effective Term	Autumn Quarter	
Course Bu	lletin					
Course Des	scription <sub>Bi</sub>	iologically plausible n n exercises with a sta	nodels of perception tte-of-the-art neural i	, memory, lang network simula	uage, and high-levelc tor. Interdiciplinary en	ognition. Hands- nphasis
Terms Offe		Autumn Winter Spring Summer Summer 1 Summer 2				
Offering	Pattern	This year Ever	y other year			
Distribution	of Class 1 Time	x 2.5 Hr Cl				

Omit distribution of class time from printing?

Prerequisiti	erequisities Psych 310 or 312 or graduate standing or permission of instructor. (Psych 612 recommended)						
	✓ Electronic enforcement of prerequisites?						
Exclusion or Limiti Clau	Not open to students with credit for Psych 878 in Winter, 2009 se						
Repeatable?							
Cross Listed?							
Course part of	a						
sequence?							
Grade Opti	on						
	GEC Course						
General Cour							
Information Stateme	nt						
	Off Campus/Field Experience?						
	EM Credit?						
	Admission Condition Course?						
	Offered in Distance Learning Format?						
	Service Learning?						
General Inform	ation						
Subject (CIP) Code	420801 Subsidy Level D						
If you have questions, please contact Jed Dickhaut @ dickhaut.1@osu.edu.							
Expected Section Size	20 Proposed Number of Sections Per Year 1						
Course time less than 1 full term or Workshop							

Off-campus offering?	
Required on Major(s)	
Required on Minor(s)	
✓ Elective within Major(s)	
List of Major Psychology Programs	
Elective within Minor(s)	
Choice of Major(s)	
Choice of Minor(s)	
✓ A General Elective	
State the need and purpose of the course. Indicate how the course relates to the primary goals of the academic unit/school/college/university.	
Current trends in cognitive science emphasize computational models. Psych 617 (Neural Network Models in Psychology) emphasizes the algorithmic and mathematical side of such models but no existing course focuses on the neurophysiological basis of such models. The proposed course is meant to fill that gap.	
ndicate the nature of the program adjustments, new funding, and/or withdrawals that make possible the implementation his new course. Evidence must be given of whether the budget support will come from reallocation of existing resources rom new program funds.	
No adjustments are necessary - the course can be accommodated as part of a recently hired faculty members	
s approval of this request contingent upon the approval of other course or curricular requests?	
Please complete and attach the form(s) on the following page before completing the package.  Course Supplement Form	3
Course Contact Information	
Faculty Name Michael Vasey	

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Faculty Email	vasey.1@osu.edu		
Contact Name	Kevin McCarthy		
Contact Dept	Psychology		
Contact Email	mccarthy.232@osu.edu		
Contact Phone	292-6742		
	Save	Validate	
THE OHIO STAT	TE UNIVERSITY WWW.0SU.	EDU	