Course Number: **PSY 415**	Course Title: Research in Cognitive Psychology
Required / Elective: Required	Pre / Co-requisites: -
Catalog Description: This course focuses on conducting research in cognitive psychology, with an emphasis on using cognitive theory to approach applied psychology topics.	Textbook / Required Material: Esgate, A. & Groome, D. (2005). *An introduction to applied cognitive psychology*. Hove, East Sussex: Psychology Press. There will also be a set of articles. Related articles are given by the lecturer.

Course Structure / Schedule: (3+0+0) 3 / 5 ECTS

Extended Description: In this course, students will conduct a class-led, applied cognitive psychology project, which will require them to design, conduct and analyse their study. At the same time, students will study cognitive approaches to applied problems in psychology, such as test performance, task focus, and physiological cycles.

Design content: None	Computer usage: Not required

Course Outcomes: At the end of this course, the student would have learnt advanced theories in the area of applied cognitive psychology. Also, the students would have conducted a small project and analysed its data using quantitative research methods skills. The students would also learn to write it in a scientific format relevant to APA. This would help them to prepare themselves for their final year projects.

Teaching methods: Lecture with slides, class discussions, student presentations

Course Outline

Week	Topics
1	Introduction, and discussion of class research project
2	Working memory and performance limitations
3	Memory improvement
4	Everyday memory
5	Skill, attention and cognitive failure
6	Face identification
7	Biological cycles and cognitive performance
8	No class
9	Mid-term
10	Auditory perception
11	Intuitive statistics, judgements and decision making
12	Analysis of class's data
13	Drugs and cognitive performance

14	Reading and dyslexia
15	Report-writing
16	Final exam

Assessment methods:

Final Exam: 20 %

Midterm Exam: 20 %

Presentations: 20 %

Project Report: 30 %

Attendance & Contribution: 10 %

Contribution of Course Learning Outcomes to Program Outcomes

	Program Outcomes	*Level of Contribution				
		1	2	3	4	5
1	Examine different concepts in the sub-areas of psychology.					x
2	Describe and explain the differences between common sense, religion, art, philosophy and science		x			
3	Learn about the major schools in psychology's history and the current developments					x
4	Apply analytical and critical thinking skills to selected topics					x
5	Discuss and criticize ethical issues in psychology research			x		
6	Describe the procedures and principles of psychological measurement and interview techniques		x			
7	Apply the principles and skills of positivistic methodology within a simple empirical study					x
8	Design and implement a simple action research and an empowerment program	x				
9	Analyse the coded data by statistical techniques					x
10	Use communication skills in class presentations					x
11	Function effectively in multidisciplinary research teams			x		
12	Develop respect to interpersonal and cultural diversity			x		
13	Develop self awareness				x	

Student workload:

Reading	28 hrs
Student Presentations	20 hrs
Running the Project	13 hrs
Lectures	33 hrs
Class discussion	5 hrs
Written assignments	20 hrs
Examinations	6 hrs

TOTAL ……………………………… 125 hrs (25x5) 5 ECTS

Course Category:

ISCED General Area Codes	General Ares	ISCED Basic Area Codes	Basic Educational Areas	Percentage
1	Education	14	Teacher Training and Educational Sciences	10
2	Humanities and Art	21	Art	
2	Humanities and Art	22	Humanities	
3	Social Sciences, Management and Law	31	Social and Behavioral Sciences	90
3	Social Sciences, Management and Law	32	Journalism and Informatics	
3	Social Sciences, Management and Law	38	Law	
4	Science	42	Life Sciences	
4	Science	44	Natural Sciences	
4	Science	46	Mathematics and Statistics	
4	Science	48	Computer	
5	Engineering, Manufacturing and Civil	52	Engineering	
5	Engineering, Manufacturing and Civil	54	Manufacturing and Processing	
5	Engineering, Manufacturing and	58	Architecture and Structure	

	Civil			
6	Agriculture	62	Agriculture, Forestry, Livestock, Fishery	
6	Agriculture	64	Veterinary	
7	Medicine and Welfare	72	Medical	
7	Medicine and Welfare	76	Social Services	
8	Service	81	Personal Services	
8	Service	84	Transport Services	
8	Service	85	Environment Protection	
8	Service	86	Security Services	

Prepared by : Robert William BOOTH	Revision Date : 04.07.2013