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1. Information about the Course

FACULTY	Science		
SCHOOL OR DEPARTMENT	Psychology		
COURSE CODE	PSYC3221		
COURSE NAME	Vision and Brain		
SEMESTER	Semester 1	YEAR	2015
UNITS OF CREDIT	6	LEVEL OF COURSE	Stage 3 elective
ASSUMED KNOWLEDGE, PREREQUISITES OR CO-REQUISITES	PSYC2071 Perception and Cognition PSYC2001 Research Methods 2		

SUMMARY OF THE COURSE

Although written over 40 years ago, the above statement is still pertinent and relevant today: while seemingly effortless, human visual perception is a complex achievement taking up 40% of the entire cortex. In this course, the problem of visual processing will be considered from ecological, physiological, philosophical, and computational perspectives. The general orientation of the course is a theoretical one but the applied aspects such as the role of basic perceptual processes in dis5(n)3a9e8nd

3. Course Timetable

Component	Class Number	Day	Time	Location
Lectures	3533	Monday	10-11	CLB4
		Wednesday	15-16	Mathews D
Tutorials/Labs	3536	Tuesday	9-11	Mathews 203
	3535	Tuesday	14-16	Mathews 203
	3534	Thursday	10-12	Mathews 203
Lectures start in Week 1 (first lecture on 2/3/2015), finish in Week 12. Laboratory classes start in Week 2, finish in Week 13				

4. Course Aims

The main objectives of this course are to:
1) Provide an advanced-level coverage of theoretical issues and research in visual perception through lectures and tutorials with an emphasis on the interdisciplinary nature of the scientific study of perceptual processes;
2) Encourage you to critically evaluate theoretical claims and empirical evidence about perceptual processes;
3) Develop skills in the design and conduct of empirical research in this area;
4) Develop skills in the oral and written presentation of scientific information

5. Student Learning Outcomes:

By the end of this course you will be able to demonstrate:

6. Summary of Graduate Attributes Developed and Assessed in this Course

School of Psychology Graduate Attributes[1]	Level of Focus 0 = No focus 1 = Minimal 2 = Minor

8. Course Schedule
   8.1. Lecture Schedule

Week/Date	Lecture Topic & Lecturer	Suggested Readings

8.2 Tutorial Schedule

Week/Date	Tutorial/Lab Content	Assessment
Week 1		
Week 2	Tutorial Overview & Psychophysics	
Week 3	Introduction to Spatial Vision	
Week 4	Research Strategies Workshop	
Week 5	Python Remedial/Assessment Q&A	Mid-session Exam Wednesday 1 April 2015 lecture (Mathews D)
	UNIVERSITY HOLIDAYS	
Week 6	Group Project Overview	Critical Review – Video Presentation Submit by Friday 17 April, 11:59pm
Week 7	Coding Your First Experiment (or: My Homework's Done, Now What?)	Peer mark videos by Friday 24 April, 11:59pm
Week 8	Group Research Project – Proposal Presentations (held in tutorials)	
Week 9	Research Project Consultations	
Week 10	Research Project Consultations	
Week 11	Research Project Consultations	
Week 12	Research Project Consultations	
Week 13	Vision & Brain Student Conference – Poster Presentations Wednesday 3 June 12:00-15:00 Location: TBA	

9. Assessment Details

Brief Summary

Assessment Type	Weight	Due date
Mid-session Exam:	15% (or 25%)	Week 5: Wednesday, April 1 2015
Critical Review – Video Presentation:	15 %	Week 6: Friday 17 April 2015
Group Research Project:	30%	Week 8 (5%) and Week 13 (10%, 15%)
Final Exam:	40% (or 30%)	

GA 5: Developing effective communication skills (LO 5.3)

Weight	The Group Research Project's combined worth is 30% of the final grade.
Description	As part of this course you will be required to design and conduct a small-scale empirical research project in the area of visual perception. First you will be asked to present a brief proposal of your project in Week 8 (worth 5%). After the completion of your project, you will be asked to make a poster summary of your research projects with a short oral presentation (15-20 minutes) on your project (worth 10%). All members of the research group are required to take part in these presentations, as you will be awarded a single mark as a group. However, written research reports on this project are expected to be individually written and submitted and will receive individual mark worth 15%. The report should be formatted as a research report for the journal Psychological Science and should be approximately 2000 words in length.

Your tutor and lecturers will be available to advise you during all stages of your project. |
| Date Due | Research proposal – Week 8 tutorials
Conference poster presentation- Week 13: Wednesday 6 June 12:00-15:00pm
Individual research report – Monday, June 18 2015 (via Moodle) |

	such a case, a formal application for special consideration must be submitted to Student Central within three working days of the assessment to which it refers. Deferred examination opportunity for each course will be offered only once. Deferred and alternative assessment materials may be in a different format from the original (i.e. short answers instead of MC questions, oral examination instead of written examination etc). In addition, the original and deferred assessment materials may also differ in the specific content, although overall both will be sampled for the same relevant course material.

10. Additional Resources and Support

Textbook and readings:
There is no textbook set for this course. The course is organized around review articles taken from journals such as Trends in Neuroscience, Trends in Cognitive Science, Annual Review of Neuroscience, Vision Research, Current Biology, -77( )-77(c)10(o)-5(u)3(rse)1Re(o)-5(l)1/ls58((o)niznt)-153e10(o)-5(u)3(f)12(o)-1524(Vi)4(mh)3(w)-4ar.

Inappropriate paraphrasing: changing a few words and phrases while mostly retaining the original structure and information without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit. It also applies to piecing together quotes and paraphrases into a new whole, without referencing and a student's own analysis to bring the material together.

Collusion: working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student before the due date, or for the purpose of them plagiarising at any time, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.

Duplication: submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

Where can I find out more information?

In many cases plagiarism is the result of inexperience about academic conventions. The University has resources and information to assist you to avoid plagiarism. The first place you can look is the section about referencing and plagiarism in each Course Guide, as this will also include information specific to the discipline the course is from. There are also other sources of assistance at UNSW:

How can the Learning Centre help me?

The Learning Centre assists students with understanding academic integrity and how to not plagiarise. Information is available on their website: www.lc.unsw.edu.au/plagiarism. They also hold workshops and can help students one-on-one.

How can Elise help me?

ELISE (Enabling Library & Information Skills for Everyone) is an online tutorial to help you understand how to find and use information for your assignments or research. It will help you to search databases, identify good quality information and write assignments. It will also help you understand plagiarism and how to avoid it. All undergraduate students have to review the ELISE tutorial in their first semester and complete the quiz, but any student can review it to improve their knowledge: http://subjectguides.library.unsw.edu.au/elise.

What is Turnitin?

Turnitin is a checking database which reviews your work and compares it to an international collection of books, journals, Internet pages and other student's assignments. The database checks referencing and whether you have copied something from another student, resource, or off the Internet. Sometimes students submit their work into Turnitin when they hand it in, but academics can also use it to check a student's work when they are marking it. You can find out more about Turnitin here: http://telt.unsw.edu.au/turnitin.

What if plagiarism is found in my work?

Working together on a math assignment

Attendance at both lectures and tutorials is an essential part of the course and both lecture and tutorial material/activities will be assessed. Tutors will keep a record of student attendance at tutorials and students who are absent from three or more practicals without a satisfactory explanation may be failed in the subject.

Assessment submissions:
We do not require any hard copies of your written assignments. All submissions are to be uploaded electronically in the designated Moodle course area.

Keep your tutor or a course coordinator informed of any problems that you are having in completing assignments and of any extenuating circumstances that might warrant an extension.

In addition to this Course Guide it is a course requirement that ALL STUDENTS DOWNLOAD AND BECOME FAMILIAR WITH THE 2015 PSYCHOLOGY UNDERGRADUATE STUDENT GUIDE WHICH CAN BE DOWNLOADED FROM
http://www.psy.unsw.edu.au/sites/all/files/page_file_attachment/2015%20S1%20Psychology%20Student%20Guide%20-%2020150217.pdf.