Description: Memory and Cognition

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
<th>Campus</th>
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<td>PSY</td>
<td>3070</td>
<td>30447</td>
<td>1, 2004</td>
<td>EXT</td>
<td>1.00</td>
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Academic group: FOSCI
Academic org: FOS005
Student contribution band: 1
ASCED code: 090513

STAFFING
Examiner: Gerry Tehan
Moderator: Graeme Senior

REQUISITES
Pre-requisite: PSY2040 and PSY2100

RATIONALE
Memory processes play a vital role in our daily life and a well-functioning memory system is something that most of us take for granted. Most of us only notice memory when it fails on the odd occasions. However, its true importance can be realised in the case where there is massive breakdown in memory functioning, for example with Alzheimer's Disease. The evidence gained from case studies in amnesia indicated that without the ability to remember past events and information, a normal lifestyle is almost impossible to maintain.

SYNOPSIS
The course will deal with three basic areas of memory and cognition: Retention at short intervals, retention at long intervals and permanent knowledge structures. The theoretical foundations for memory performance in these three areas will be evaluated. The implications of these theories will then be used to solve problems in applied areas of cognitive performance.

OBJECTIVES
On completion of this course, students will be able to demonstrate

- that they have acquired rudimentary knowledge structures in the areas of short-term memory, long-term memory and semantic memory;
- that they have developed rudimentary research skills.
TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>2. Memory at long retention intervals - Implicit memory and Explicit memory - Encoding aspects of explicit memory Practice Levels of Processing Organisation Transfer Appropriate Processing Item and Relational Processing - Retention and Retrieval Retrieval Cues Encoding specificity Interference Disuse</td>
<td>33.30</td>
</tr>
<tr>
<td>3. Permanent Knowledge Structures - Semantic Memory - Permastore - Schema - Expert-Novice Performance</td>
<td>33.30</td>
</tr>
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</table>

TEXT and MATERIALS required to be PURCHASED or ACCESSED:

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at http://bookshop.usq.edu.au click 'Semester', then enter your 'Course Code' (no spaces).

_Human Information Processing Part 2: Attention and Memory_, Pearson, Sydney, Australia.

(Assorted Publication)


REFERENCE MATERIALS:

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

, General, _Journal of Experimental Psychology_,
, Learning, Memory and Cognition, _Journal of Experimental Psychology_,
, , _Journal of Memory and Learning_,
, , _Psychology of Learning and Motivation_,
, , _Psychological Review_,
, , _Psychological Bulletin_,
, , _Journal of Memory and Cognition_,
, , _Journal of Experimental Psychology_, (Quarterly)


### STUDENT WORKLOAD REQUIREMENTS:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
</tr>
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<tbody>
<tr>
<td>Assessment</td>
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<tr>
<td>Examinations</td>
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<tr>
<td>Private Study</td>
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<tr>
<td>Residential Schools</td>
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### ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
<th>Due date</th>
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<tbody>
<tr>
<td>ASSIGNMENT 1</td>
<td>30.00</td>
<td>5.00</td>
<td>05 Apr 2004</td>
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<tr>
<td>ASSIGNMENT 2</td>
<td>30.00</td>
<td>15.00</td>
<td>10 May 2004</td>
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<td>ASSIGNMENT 3</td>
<td>30.00</td>
<td>25.00</td>
<td>04 Jun 2004</td>
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<td>2 HOUR CLOSED EXAMINATION</td>
<td>30.00</td>
<td>55.00</td>
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(see note 1)

### NOTES:

1. Examination dates will be available during the Semester. Please refer to the examination timetable when published.

### IMPORTANT ASSESSMENT INFORMATION

1. Attendance requirements:
   There are no attendance requirements for this course. However, it is the students' responsibility to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.

2. Requirements for students to complete each assessment item satisfactorily:
   To complete each of the assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.

3. Penalties for late submission of required work:
   There is no penalty for late submission of required work.

4. Requirements for student to be awarded a passing grade in the course:
   To be assured of a passing grade, students must demonstrate, via the summative assessment items, that they have achieved the required minimum standards in
relation to the objectives of the course by: (i) satisfactorily completing the examination and assignments; and (ii) obtaining at least 50% of the total weighted marks available for all summative assessment items.

5 Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the weighted aggregate of the marks (or grades) obtained for each of the summative assessment items in the course.

6 Examination information:
   In a Closed Examination, candidates are allowed to bring only writing and drawing instruments into the examination."

7 Examination period when Deferred/Supplementary examinations will be held:
   Any Deferred examinations for this course will be held during the examination period at the end of the semester of the next offering of this course.

8 University Regulations:
   Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL http://www.usq.edu.au/corporateservices/calendar/part5.htm or in the current USQ Handbook.

ASSESSMENT NOTES

9 Students must retain a copy of each item submitted for assessment. This must be produced within 5 days if required by the Examiner.

10 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner. Such copies should be dispatched to the USQ within 24 hours of receipt of a request to do so.

11 The examiner may grant an extension of the due date of an assignment in extenuating circumstances.

12 No supplementary examinations will be given.