Description: Acquiring Motor Skill

<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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<tr>
<td>EDU</td>
<td>3465</td>
<td>67085</td>
<td>2, 2007</td>
<td>ONC</td>
<td>1.00</td>
<td>Toowoomba</td>
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Academic group: FOEDU
Academic org: FOE002
Student contribution band: National Priority Teaching
ASCED code: 070117

STAFFING
Examiner: Lee Wharton

OTHER REQUISITES
State law in Queensland (Australia) requires that all adults working/undertaking professional experience/researching with children under the age of 18, in the state of Queensland are required to possess a current suitability card (Blue Card). (See "Other Requirements" for further information.) Also see: http://www.childcomm.qld.gov.au/employment/bluecard/informationSheets.html.

RATIONALE
The theory of processing information from the field of cognitive psychology has long been part of the study of motor learning and has contributed to our understanding of skilled motor action. An understanding of the Information Processing Models desirable for the student working in the broad field of human movement. The principles of motor learning provide the basis for the intelligent design of appropriate learning environments and feedback structures which facilitate the acquisition of skilled motor behaviour.

SYNOPSIS
This unit examines in depth the Information Processing Models and how it may assist us in coming to understand skilled human performance in a range of settings. Such an understanding may also inform us about principles for teaching and coaching motor activity to facilitate greater levels of success. There is likely to be some laboratory/practical work involved.

OBJECTIVES
On completion of this course students will be able to:

1. develop an understanding of the theoretical model of information processing in human skilled performance
2. understand the variables which may affect the acquisition of motor skill
3. introduce some of the control mechanisms of human motor activity
4. be able to apply the principles of motor learning in a practical setting
5. introduce some of the methods of investigating motor behaviour.
6. demonstrate competence in and appropriate use of language and literacy, including spelling, grammar, punctuation and bibliographic referencing.

**TOPICS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Acquisition of motor skill</td>
<td>10.00</td>
</tr>
<tr>
<td>2. Individual differences and motor abilities</td>
<td>10.00</td>
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<tr>
<td>3. Information processing model</td>
<td>10.00</td>
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<tr>
<td>4. Sensory contributions</td>
<td>10.00</td>
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<tr>
<td>5. Visual aspects of motor control</td>
<td>5.00</td>
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<tr>
<td>6. Motor programs and production of movement</td>
<td>5.00</td>
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<tr>
<td>7. Motor control accuracy</td>
<td>10.00</td>
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<tr>
<td>8. Preparing for and organising practice</td>
<td>10.00</td>
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<tr>
<td>9. Practice</td>
<td>10.00</td>
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<tr>
<td>10. Feedback in motor skill acquisition</td>
<td>10.00</td>
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<tr>
<td>11. Principles of skill learning</td>
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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).


**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.

To be advised on topic by topic basis.
STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
</tr>
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<tbody>
<tr>
<td>Directed Study</td>
<td>60.00</td>
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<tr>
<td>Examinations</td>
<td>4.00</td>
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<tr>
<td>Laboratory or Practical Classes</td>
<td>12.00</td>
</tr>
<tr>
<td>Lectures</td>
<td>26.00</td>
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<tr>
<td>Private Study</td>
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ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
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<tbody>
<tr>
<td>PORTFOLIO</td>
<td>30.00</td>
<td>15.00</td>
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</tr>
<tr>
<td>2 HOUR MID TERM EXAMINATION</td>
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<td>23 Jul 2007</td>
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<tr>
<td>2 HOUR EXAMINATION</td>
<td>50.00</td>
<td>50.00</td>
<td>END S2</td>
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NOTES
1. The examiner will advise the due date for this assessment item.
2. Students will be advised of the examination dates for this course when the official timetable for semester 2 2007 has been finalised.

IMPORTANT ASSESSMENT INFORMATION

1. Attendance requirements:
   It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and/or practical work) scheduled for them, and 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 satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks.

3. Penalties for late submission of required work:
   If students submit assignments after the due date without prior approval of the examiner then a penalty of 10% of the total marks gained by the student for the assignment will apply for each working day late.

4. Requirements for student to be awarded a passing grade in the course:
   To be assured of receiving a passing grade a student must complete and submit all of the summative assessment items and achieve at least 50% of the total weighted marks available for the course.

5. Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the aggregate of the weighted marks obtained for each of the summative assessment items in the course.
6 Examination information:
Candidates are allowed to bring only writing and drawing instruments into the Closed
examination.

7 Examination period when Deferred/Supplementary examinations will be held:
To be advised.

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

1 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.

2 Students must retain a copy of each item submitted for assessment. This must be produced
within twenty-four (24) hours of receipt of request being made by the examiner. The
student must retain this copy until the grade for this course has been finalised.

3 In accordance with the University's assignment extension policy (Regulation 5.6.1), the
examiner may grant an extension of the due date of an assignment in extenuating
circumstances.

4 The Faculty will normally only accept assessments that have been written, typed or printed
on paper-based media. The Faculty will NOT accept submission of assignments by
facsimile. Students who do not have regular access to postal services or who are otherwise
disadvantaged by these regulations may be given special consideration. They should
contact the examiner of the course to negotiate such special arrangements.

5 Students who have undertaken all of the required assessments in a course but who have
failed to meet some of the specified objectives of a course within the normally prescribed
time may be awarded the temporary grade: IM (Incomplete - Make up). An IM grade will
only be awarded when, in the opinion of the examiner, a student will be able to achieve
the remaining objectives of the course after a period of non-directed personal study.

6 Students who, for medical, family/personal, or employment-related reasons, are unable
to complete an assignment or to sit for an examination at the scheduled time may apply
to defer an assessment in a course. Such a request must be accompanied by appropriate
supporting documentation. One of the following temporary grades may be awarded IDS
(Incomplete - Deferred Examination); IDM (Incomplete - Deferred Make-up); IDB
(Incomplete - Both Deferred Examination and Deferred Make-up).

7 When there is more than one marker for a single item of assessment, the distributed patterns
and means for the different markers will be compared and marks adjusted if necessary.

8 Marking criteria are provided in course material as mark sheets/guides or as part of
assignment specifications.

9 Summative assessment items will receive a numerical score. Any ungraded assessment
requirement will receive a Pass, Fail or Incomplete.

OTHER REQUIREMENTS

1 Students will require access to e-mail and Internet access to USQConnect for this course.

2 Students are to use a recognised referencing system as specified by the examiner.
IMPORTANT NOTE: Working with Children: State law in Queensland requires that all adults (including university students, pre-service educators, trainers, vocational teachers, industry educators) working with children under the age of 18, in the State of Queensland*, obtain approval before commencing such work. Many education courses include a practical component (professional experience, project work, research, assessment etc.) that may require engagement with children under the age of 18. It is your responsibility to ensure that you possess a current suitability card (Blue Card) before commencing any practical components of this course. DO NOT PARTICIPATE IN ANY PRACTICAL EXPERIENCE WITH CHILDREN UNDER 18 UNLESS YOU POSSESS A CURRENT 'BLUE CARD'. For further information: http://www.childcomm.qld.gov.au/employment/bluecard/informationSheets.html *If you are undertaking practical experience outside the State of Queensland, Australia you should check local requirements.