**School of Medicine**

**MEDI221: Exercise Physiology**

**Subject Outline**
Spring, 2019
On-Campus
Wollongong

**Subject Information**
Credit Point: 6
Pre-requisite(s): MEDI111
Co-requisite(s): Nil
Restrictions: Nil
Contact Hours: 2x 1 h Lectures per week; 3 h Prac per fortnight

**Subject Contacts**

<table>
<thead>
<tr>
<th>Subject Coordinator/Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Dr Praneel Titheradge</td>
</tr>
<tr>
<td>Location: Building 41 Room 330</td>
</tr>
<tr>
<td>Telephone: 02 4221 5592</td>
</tr>
<tr>
<td>Email: <a href="mailto:praneel@uow.edu.au">praneel@uow.edu.au</a></td>
</tr>
<tr>
<td>Consultation mode and times: Email for appointment</td>
</tr>
</tbody>
</table>

**Student Support and Advice**
For general enquiries please contact StudentHub 41:
Location: Bld 41 Level 1
Telephone: 61 2 4221 3492
Email: smah-students@uow.edu.au
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## Section A: General Information

### Subject Learning Outcomes

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Understand and apply knowledge of respiratory, metabolic and cardiovascular systems to different exercise stimuli (type, duration, intensity)</td>
</tr>
<tr>
<td>2.</td>
<td>Evaluate and discuss the physiological adaptations associated with chronic exposure to physical exercise.</td>
</tr>
<tr>
<td>3.</td>
<td>Describe the effects of personal factors e.g. age, sex and environmental factors (e.g. heat) on exercise performance and physiological responses</td>
</tr>
<tr>
<td>4.</td>
<td>Apply the basic principles and discuss the underlying physiology of fitness testing and training for different forms of exercise (endurance, power, strength)</td>
</tr>
<tr>
<td>5.</td>
<td>Access specific research via library databases to assist in the preparation of a concise written report</td>
</tr>
<tr>
<td>6.</td>
<td>Independently analyse and interpret physiological data.</td>
</tr>
<tr>
<td>7.</td>
<td>Be familiar with the conduct and interpretation of a series of introductory exercise physiology laboratories</td>
</tr>
</tbody>
</table>

### Subject Description

This subject extends the study of human structure and function. Exercise physiology is the study of how the human body functions and responds during exercise and how it adapts to repeated exercise stress (training). Areas to be studied include energy liberation and metabolism, applied muscle physiology and applied cardiorespiratory physiology. This course will test and apply your knowledge from the lecture material, and practicals through the provision of exams, written reports (where you analyse and interpret data collected in the practicals) and a literature search on popular topic area in exercise physiology.

### Readings, References and Materials

#### Textbooks


  Or alternatively


#### Prescribed and Recommended Readings (includes eReadings)

Relevant readings for each topic will be posted to MOODLE.

#### Materials

The laboratory manual is listed electronically on MOODLE.

### Recent Changes to this Subject

Exercise physiology has been revamped; including the updating of existing teaching content and practical components. MEDI221 builds on from MEDI111&112&211 by placing this knowledge into an exercise context and provides a foundational background for MEDI322 ‘Advanced Exercise Physiology’.
<table>
<thead>
<tr>
<th>Week</th>
<th>Week Commencing</th>
<th>Lecture 1</th>
<th>Lecture 2</th>
<th>Assessment</th>
<th>Demonstration/Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29/7/2019</td>
<td>Introduction &amp; Revision</td>
<td>Ergometry &amp; Anthropometry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>12/08/2019</td>
<td>Cardiorespiratory: Focus on the heart</td>
<td>Cardiorespiratory: The Vasculature</td>
<td>Stream 2. Ergometry &amp; Anthropometry</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>26/08/2019</td>
<td>Mid-Session exam 1</td>
<td>Extended abstract</td>
<td>Stream 2. Cardiovascular</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>02/09/2019</td>
<td>Metabolism: Energy Systems</td>
<td>Metabolism: Energy systems</td>
<td>Extended abstract</td>
<td>Stream 1. Metabolism</td>
</tr>
<tr>
<td>7</td>
<td>09/09/2019</td>
<td>Muscle Function</td>
<td>Neuroendocrine physiology</td>
<td>Stream 2. Metabolism</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>16/09/2019</td>
<td>Lactate Threshold, Efficiency and Economy, VO2max, VO2 Kinetics</td>
<td>Lactate Threshold, Efficiency and Economy, VO2max, VO2 Kinetics</td>
<td>Stream 1. Anaerobic threshold</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>23/09/2019</td>
<td>Mid-Session exam 2</td>
<td>Extended abstract</td>
<td>Stream 2. Anaerobic threshold</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mid-Session Recess 30 Sep - 04 Oct 2019</td>
</tr>
<tr>
<td>10</td>
<td>07/10/2019</td>
<td>Environmental Physiology</td>
<td>Environmental Physiology</td>
<td>Extended abstract</td>
<td>Stream 1. VO2max &amp; Anaerobic tests</td>
</tr>
<tr>
<td>11</td>
<td>14/10/2019</td>
<td>Age &amp; Sex-Related Differences</td>
<td>Age &amp; Sex-Related Differences</td>
<td>Extended abstract</td>
<td>Stream 2. VO2max &amp; Anaerobic tests</td>
</tr>
<tr>
<td>12</td>
<td>21/10/2019</td>
<td>Training Adaptations</td>
<td>Performance-Enhancing Substances &amp; Methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>28/10/2019</td>
<td>Final Exam Preparation</td>
<td>Final Exam Preparation</td>
<td>Written Report – Both Streams</td>
<td></td>
</tr>
</tbody>
</table>

*The above timetable should be used as a guide only, as it is subject to change. Students will be advised of any changes as they become known.*
Section B: Assessment

Assessment Summary

<table>
<thead>
<tr>
<th>Assessment Item</th>
<th>Form of Assessment</th>
<th>Due Date</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Prac Assessments (Data analysis and interpretation)</td>
<td>-Extended Abstracts (Cardiovascular Prac = 10 %, Anaerobic threshold Prac = 16 %)</td>
<td>1 week following Lab 4:00pm</td>
<td>26%</td>
</tr>
<tr>
<td>2. Written Report (Group assessment)</td>
<td>Literature Review (Sports Science Fact Sheet)</td>
<td>31/10/19</td>
<td>12%</td>
</tr>
<tr>
<td>3. Mid-Session Tests</td>
<td>Mid-session tests/exam (12% ea)</td>
<td>1. 27/08/19 2. 24/09/19</td>
<td>24%</td>
</tr>
<tr>
<td>4. Final Exam</td>
<td>Final Exam</td>
<td>TBD</td>
<td>38%</td>
</tr>
</tbody>
</table>

Total Marks 100%

Details of Assessment Tasks

<table>
<thead>
<tr>
<th>Assessment 1</th>
<th>Laboratory Assessments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Due date</td>
<td>1 week following Prac class</td>
</tr>
<tr>
<td>Weighting</td>
<td>In Total 26 % Prac's 1 &amp; 3 = Small report (Graphs + Interpretation). Not assessable. However, these tasks prepare you for 2 &amp; 4 (Extended Abstract). Prac's 2 (10 %) &amp; 4 (16 %)= Full report (Extended Abstract)</td>
</tr>
<tr>
<td>Submission</td>
<td>Hard copy assignments must be submitted to Student Hub 41 with the appropriate cover sheet 1-week following your Prac, before 4pm.</td>
</tr>
<tr>
<td>Type of Collaboration</td>
<td>Individual Assessment</td>
</tr>
<tr>
<td>Length</td>
<td>Prac's 2 &amp; 4 = Full report (Extended Abstract) = 1,000 words</td>
</tr>
<tr>
<td>Details</td>
<td>Extended Abstract = a brief summary of the aims, findings and conclusions from your Prac. This is a COMPULSORY element. Students are required to attend ALL classes. Students will be divided into groups using SMP. The group the students are divided into will remain their group for the entire semester. Students will be required to complete ALL assessments submitted by the due date, as outlined in the semester calendar.</td>
</tr>
<tr>
<td>Style and format</td>
<td>Word processed document using APA format &amp; referencing style.</td>
</tr>
<tr>
<td>Subject Learning Outcomes</td>
<td>1, 3, 4, 6 &amp; 7</td>
</tr>
<tr>
<td>Marking Criteria</td>
<td>Clarity of writing, correct analysis and interpretation of findings</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>Sports Science Fact Sheet (Literature Review on topics in Ex Phys)</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Due date</td>
<td>Due 31-10-19</td>
</tr>
<tr>
<td>Weighting</td>
<td>12%</td>
</tr>
<tr>
<td>Submission</td>
<td>Hard copy assignments must be submitted to Student Hub 41 before 4pm on the due date.</td>
</tr>
<tr>
<td>Type of Collaboration</td>
<td>In groups of 2-3</td>
</tr>
<tr>
<td>Length</td>
<td>Max 2,000 words</td>
</tr>
</tbody>
</table>

**Details**

You are writing this for the Australian Institute of Sport as a fact sheet they provide to coaches and athletes.

Based on the topics provided, you will perform a PubMed/Medline or other database search for five (5) peer reviewed, primary research studies (not reviews or meta-analyses) on your topic. You will then write a written report/fact sheet addressing the following based on the literature:

a) Outline in detail your training approach/therapy/ergogenic aid?

b) Discuss the physiological mechanisms underlying the proposed performance/health benefits?

c) Who should use this ergogenic aid/therapy and what are the guidelines?

Further details are provided on Moodle - assessment guidelines and marking rubric

To keep within the word limit you will need to be very clear and concise. Ensure your referencing is accurate. This is a **COMPULSORY** element. There will be Peer Evaluations.

**Style and format**

Word processed document using APA referencing style.

**Subject Learning Outcomes**

2, 4, 5 & 6

**Marking Criteria**

Your written report should be clear, concise and avoid typographical, grammatical and spelling errors. There should be a logical flow to the narrative and evidence that you have read and correctly interpreted the findings of your chosen research articles

<table>
<thead>
<tr>
<th>Assessment 3</th>
<th>Mid-Session Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Due date</td>
<td>In Class</td>
</tr>
<tr>
<td></td>
<td><strong>1. 27/08/19</strong></td>
</tr>
<tr>
<td></td>
<td><strong>2. 24/09/19</strong></td>
</tr>
<tr>
<td>Weighting</td>
<td>12% each</td>
</tr>
<tr>
<td>Submission</td>
<td>Exam papers and answers must be submitted at the conclusion of the exam.</td>
</tr>
<tr>
<td>Type of Collaboration</td>
<td>Individual Assessment</td>
</tr>
<tr>
<td>Length</td>
<td>50 min</td>
</tr>
<tr>
<td>Details</td>
<td>Format: Multiple choice &amp; short answer questions. All lecture, and laboratory material including calculations is assessable. This is a <strong>COMPULSORY</strong> element.</td>
</tr>
<tr>
<td>Style and format</td>
<td>Exam</td>
</tr>
<tr>
<td>Subject Learning Outcomes</td>
<td>1-6</td>
</tr>
<tr>
<td>Marking Criteria</td>
<td>Short answer and multi-choice examination</td>
</tr>
</tbody>
</table>
### Assessment 4

<table>
<thead>
<tr>
<th><strong>Assessment</strong></th>
<th>Final Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Due date</strong></td>
<td>UOW Exam Period</td>
</tr>
<tr>
<td><strong>Weighting</strong></td>
<td>38%</td>
</tr>
<tr>
<td><strong>Submission</strong></td>
<td>Exam papers and answers must be submitted at the conclusion of the exam.</td>
</tr>
<tr>
<td><strong>Type of Collaboration</strong></td>
<td>Individual Assessment</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>3 hours</td>
</tr>
<tr>
<td><strong>Details</strong></td>
<td>Format: Multiple choice &amp; short answer questions. All lecture and laboratory material including calculations is assessable. A majority of the marks in this examination will come from short answer, data analysis and interpretation style questions. This is a <strong>COMPULSORY</strong> element. You must receive a mark of 40% or more in the final examination to be considered for a passing grade in this subject. The examination will have a combination of multi-choice questions and short answer questions. Multiple choice will be worth 1 mark each and short answer format questions will be worth 2 - 8 marks each.</td>
</tr>
<tr>
<td><strong>Style and format</strong></td>
<td>Final Exam</td>
</tr>
<tr>
<td><strong>Subject Learning Outcomes</strong></td>
<td>1-6</td>
</tr>
<tr>
<td><strong>Marking Criteria</strong></td>
<td>Short answer and multi-choice examination</td>
</tr>
</tbody>
</table>

### External Component

<table>
<thead>
<tr>
<th><strong>External Component</strong></th>
<th>Practicum Hours ***** (Exercise Science and Exercise Science and Rehabilitation students only) *****</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Due date</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Weighting</strong></td>
<td>Pass/Fail</td>
</tr>
<tr>
<td><strong>Submission</strong></td>
<td>Logbooks with supervisor signatures must be submitted bi-weekly in moodle (dates given within the moodle submission links) and a completed student placement evaluation form (downloaded from Exercise Science Healthy Placements (TCHR034_S118)) and supervisor reference form must be submitted in week 13.</td>
</tr>
<tr>
<td><strong>Type of Collaboration</strong></td>
<td>Individual Assessment</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>40 hours</td>
</tr>
<tr>
<td><strong>Details</strong></td>
<td>You are required to gain a minimum of 40 hours in healthy exercise placements for MEDI221. You will be allocated to a placement site by the academic unit. You must not organise your own placement; any hours gained through placement sites that have not been vetted and approved by the academic unit will not count towards the total required for this subject or towards the total number of hours you require for ESSA accreditation. A maximum of 20 face-face and a total of 60 hours (including any gained in first year) can be carried over to your 3rd year of study. For assistance, see Dr John Sampson <a href="mailto:jsampson@uow.edu.au">jsampson@uow.edu.au</a></td>
</tr>
<tr>
<td><strong>Style and format</strong></td>
<td>Practicum</td>
</tr>
</tbody>
</table>
Minimum Requirements for a Pass in this Subject

To receive a clear pass in this subject a total mark of 50% or more must be achieved. In addition, failure to meet any of the minimum performance requirements (i.e., Prac/laboratory attendance plus you must attempt ALL assessments) is grounds for awarding a Technical Fail (TF) in the subject, even where total marks accumulated are greater than 50%.

The minimum performance requirements for this subject are:

- Achieve a minimum of 40% in the final exam
- Attend all pracs/laboratories
- Attempts all assessments and exams
- Complete the required number of practicum hours (Note: for Exercise Science and Exercise Science and Rehabilitation students only)

Minimum Student Attendance and Participation

It is expected that students will allocate 12 hours per week to this subject, including any required class attendance, completion of prescribed readings and assessment tasks.

Student attendance at practicals, seminars and/or simulations is compulsory and students must attend at least 100% of classes. Absences will require the submission of an application for Academic Consideration via SOLS and the presentation of suitable documentation, for example a Medical Certificate, to Student Central as soon as practical. For further details about applying for academic consideration visit the Student Central webpage:

Scaling

Scaling may occur in this subject in the form of z-scores that may be used to adjust the standard deviation and mean of the group marks.

Late Submission

Late submission of an assessment task without an approved extension of the deadline is not acceptable. If you are unable to submit an assessment due to extenuating circumstances (e.g. medical grounds or compassionate grounds), you can make an application of academic consideration. Not all circumstances qualify for academic consideration. For further details about applying for academic consideration visit the Student Central webpage:

Late Submission Penalty – at 5%

Late submission of an assessment task without an approved extension of the deadline is not acceptable. Marks will be deducted for late submission at the rate of 5% of the total possible marks for that particular assessment task per day. This means that if a piece of work is marked out of 100, then the late penalty will be 5 marks per day (5% of 100 possible marks per day). The formula for calculating the late penalty is: the total possible marks x 0.05 x number of days late. For the purposes of this policy a weekend (Saturday and Sunday) will be regarded as two days.

For example:

- Student A submits an assignment which is marked out of 100. The assignment is submitted 7 days late. This means that a late penalty of 35 marks will apply (100 x 0.05 x 7). The assignment is marked as per normal out of 100 and is given a mark of 85/100, and then the late penalty is applied. The result is that the student receives a final mark of 50/100 for the assignment (85 (original mark) – 35 marks (late penalty) = 50/100 (final mark)).
• Student B submits a report which is marked out of 20. The report is submitted three days late. This means that a late penalty of 3 marks will apply \((20 \times 0.05 \times 3)\). The report is marked as per normal out of 20 and is given a mark of 17/20, and then the late penalty is applied. The result is that the student receives a final mark of 14/20 for the report \((17 \text{ (original mark)} – 3 \text{ marks (late penalty)} = 14/20 \text{ (final mark)})\).

No marks will be awarded for work submitted either after the assessment has been returned to the students or more than two weeks after the due date, whichever is the sooner. This does not apply to situations where a particular assessment task is undertaken by students at different times throughout the session, but where the assessment is based on experiments or case studies specific to a student. In this case no marks will be awarded for work submitted more than two weeks after the due date.

Notwithstanding this, students must complete all assessment tasks to a satisfactory standard and submit them, regardless of lateness or loss of marks, where submission is a condition of satisfactorily completing the subject.

**Supplementary Assessments**

Supplementary assessment may be offered to students whose performance in this subject is close to that required to pass the subject and are otherwise identified as meriting an offer of a supplementary assessment. The precise form of supplementary assessment will be determined at the time the offer of a supplementary assessment is made.

Students can log on to SOLS and click on the link titled “Supplementary Assessment” to view any applicable offers or use the following link; http://www.uow.edu.au/student/exams/suppassess/index.html

**System of Referencing Used for Written Work**

The Author-Date (Harvard) referencing system should, unless otherwise specified for a particular assessment (check Details of Assessment Tasks), be utilised. A summary of the Harvard system can be accessed on the Library website at: http://uow.libguides.com/refcite

**Submission of Assessments**

Assessments submitted at Student Hub 41 must have a SATS (Student Assessment Tracking System) coversheet attached to the front of the assessment. Instructions for generating a coversheet can be found on the Student Hub 41 web page: http://smah.uow.edu.au/current-students/UOW151958.html

For an assessment to be successfully submitted at Student Hub 41 please note the following:

- The coversheet must be signed and dated.
- The assessment must have the correct coversheet i.e. the correct subject code and group (if applicable).
- A legible barcode with all numbers and digits below e.g. UOW20121007656.
- Assessments must be submitted by 4:00pm on the due date.

If an assessment is submitted to Student Hub 41 without any of the above we will contact you through your student email address and advise that you need to return to Student Hub 41 with the correct coversheet. Your assessment won’t be considered submitted until the correct coversheet is attached. This might mean that your assessment is submitted late.

An email receipt will be issued on the same day as submission of assessments and students are required to retain this receipt until they have received the final mark for that assessment task. It is your responsibility to contact Student Hub 41 if you have not received this receipt by the following business day. The receipt is proof of submission of assessments and students will be required to produce this in the event that an assessment task is considered to be lost. Students
are also expected to keep a copy of all their submitted assessments in the event that re-submission is required. SATS Group Assessment Coversheets are printed by the lead member of the group and subsequent names can be added in the SATS student interface before printing. All members of the group must sign the printed SATS Group Assessment Coversheet before submitting the assessment.

Note that if assessments are submitted in the after-hours slot at Student Hub 41 it will be scanned into SATS the following business day. Assessments submitted via post will be scanned into SATS on the day of delivery. Any assessments received without the correct assessment coversheet attached will not be accepted by SATS. It is the student’s responsibility to ensure that the correct assessment coversheet is submitted with their assessment.

Students may post their assessments to:
Student Hub 41 (41.138B)
University of Wollongong
Wollongong NSW 2522

Assessments will be considered submitted on the date of postage. It is the student’s responsibility to ensure they have evidence of their submission date if it arrives at the office after due date.

Distance students who would like to have marked assessments returned must include a stamped self-addressed envelope with the posted assessment.

**Assessment Return**

Students will be notified when they can collect or view their marked assessment. In accordance with University Policy marked assessments will usually only be held for 21 days after the declaration of marks for that assessment.
Section C: General Advice

Students should refer to the Faculty of Science, Medicine and Health website for information on policies, learning and support services and other general advice.

Student Consultation and Communication

University staff receive many emails each day. In order to enable them to respond to your emails appropriately and in a timely fashion, students are asked to observe basic requirements of professional communication.

Please ensure that you include your full name and student number and identify your practical class or group in your email so that staff know who they are communicating with and can follow-up personally where appropriate.

Consider what the communication is about
- Is your question addressed elsewhere (e.g. in the subject outline or, on the eLearning site)?
- Is it something that is better discussed in person or by telephone? This may be the case if your query requires a lengthy response or a dialogue in order to address. If so, see consultation times above and/or schedule an appointment.
- Are you addressing your request to the most appropriate person?

Specific email subject title to enable easy identification of issue
- Identify the subject code of the subject you are enquiring about (as staff may be involved in more than one subject) put this in the email subject heading. Add a brief, specific query reference after the subject code where appropriate.

Professional courtesy
- Address the staff member appropriately by name (and formal title if you do not yet know them).
- Use full words (avoid ‘text-speak’ abbreviations), correct grammar and correct spelling.
- Be respectful and courteous.
- Allow 3 – 4 working days for a response before following up. If the matter is legitimately urgent, you may wish to try telephoning the staff member (and leaving a voicemail message if necessary) or inquiring at the School Office.

eLearning Space

This subject has materials and activities available via eLearning. To access eLearning you must have a UOW user account name and password and be enrolled in the subject. eLearning is accessed via SOLS (student online services). Log on to SOLS and then click on the eLearning link in the menu column. For information regarding the eLearning spaces please use the following link: https://www.uow.edu.au/student/elearning/index.html

Use of Internet Sources

Students are able to use the Internet to access the most current information on relevant topics and information. Internet sources should only be used after careful critical analysis of the currency of the information, the role and standing of the sponsoring institution, reputation and credentials of the author, the clarity of the information and the extent to which the information can be supported or ratified by other authoritative sources.
Lecture, Laboratory Times

On campus
All timetable information is subject to variation. Check latest timetabling information on the ‘Current Student’ webpage on UOW website or log into SOLS to view your personal timetable prior to attending classes.

Timetable information can be accessed from
Key University Dates can be accessed from

Extraordinary Changes for the Subject after Release of the Subject Outline

In extraordinary circumstances the provisions stipulated in this Subject Outline may require amendment after the Subject Outline has been distributed. All students enrolled in the subject must be notified and have the opportunity to provide feedback in relation to the proposed amendment, prior to the amendment being finalised.

Learning Analytics

Data on student performance and engagement (such as Moodle and University Library usage, task marks, use of SOLS) will be available to the Subject Coordinator to assist in analysing student engagement, and to identify and recommend support to students who may be at risk of failure. If you have questions about the kinds of data the University uses, how we collect it, and how we protect your privacy in the use of this data, please refer to http://www.uow.edu.au/dvca/bala/analytics/index.html

The Assessment Quality Cycle

The Assessment Quality Cycle provides a level of assurance that assessment practice across the University is appropriate, consistent and fair.
Assessment Quality Cycle Activities are undertaken to contribute to the continuous improvement of assessment and promote good practices in relation to the:

a. design of the assessment suite and individual assessment tasks;
b. marking of individual assessment tasks;
c. finalisation of subject marks and grades; and
d. review of the subject prior to subsequent delivery

Copies of student work may be retained by the University in order to facilitate quality assurance of assessment processes.

Academic Integrity Policy

The full policy on Academic Integrity Policy is found in the Policy Directory on the UOW website.

“The University's Academic Integrity Policy, Faculty Handbooks and subject guides clearly set out the University’s expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full) which you have submitted previously for assessment is not permitted without appropriate acknowledgement or without the explicit permission of the Subject Coordinator. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as ‘resources’), is extremely unwise. Students who provide an assessment item (or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the University to be intentionally or recklessly helping other students to cheat. Uploading an assessment task, subject outline or other course materials without express permission of the university is considered academic misconduct and students place themselves at risk of being expelled from the University.”
Student Academic Complaints Policy (Coursework or Higher Degree Research)
In accordance with the Coursework Student Academic Complaints Policy, a student may request an explanation of a mark for an assessment task or a final grade for a subject consistent with the student’s right to appropriate and useful feedback on their performance in an assessment task. Refer to the Coursework Student Academic Complaints Policy for further information.

Student Support Services and Facilities
Students can access information on student support services and facilities at the following link. This includes information on “Academic Support”, “Starting at University,” “Help at University” as well as information and support on “Careers and Jobs”. [http://www.uow.edu.au/student/services/index.html](http://www.uow.edu.au/student/services/index.html)

Student Etiquette
Guidelines on the use of email to contact teaching staff, mobile phone use in class and information on the university guide to eLearning ‘Netiquette’ can be found at [https://www.uow.edu.au/student/learningcoop/software/emailetiquette/index.html](https://www.uow.edu.au/student/learningcoop/software/emailetiquette/index.html)
### UOW Grade Descriptors

The University of Wollongong Grade Descriptors are general statements that describe student performance at each of the University's grade levels.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mark %</th>
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| High Distinction HD | 85-100 | A high distinction grade (HD) is awarded for performance that provides evidence of an outstanding level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a distinction grade plus (as applicable):  
- consistent evidence of deep and critical understanding  
- substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem-solving approaches  
- critical evaluation of problems, their solutions and their implications  
- use of quantitative analysis of data as the basis for deep and thoughtful judgments, drawing insightful, carefully qualified conclusions from this work  
- creativity in application as appropriate to the discipline  
- eloquent and sophisticated communication of information and ideas in terms of the conventions of the discipline  
- consistent application of appropriate skills, techniques and methods with outstanding levels of precision and accuracy  
- all or almost all answers correct, very few or none incorrect |
| Distinction D | 75-84  | A distinction grade (D) is awarded for performance that provides evidence of a superior level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a credit grade plus (as applicable):  
- evidence of integration and evaluation of critical ideas, principles, concepts and/or theories  
- distinctive insight and ability in applying relevant skills, techniques, methods and/or concepts  
- demonstration of frequent originality in defining and analysing issues or problems and providing solutions  
- fluent and thorough communication of information and ideas in terms of the conventions of the discipline  
- frequent application of appropriate skills, techniques and methods with superior levels of precision and accuracy  
- most answers correct, few incorrect |
| Credit C     | 65-74  | A credit grade (C) is awarded for performance that provides evidence of a high level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a pass grade plus (as applicable):  
- evidence of learning that goes beyond replication of content knowledge or skills  
- demonstration of solid understanding of fundamental concepts in the field of study  
- demonstration of the ability to apply these concepts in a variety of contexts  
- use of convincing arguments with appropriate coherent and logical reasoning  
- clear communication of information and ideas in terms of the conventions of the discipline  
- regular application of appropriate skills, techniques and methods with high levels of precision and accuracy  
- many answers correct, some incorrect |
| Pass P       | 50-64  | A pass grade (P) is awarded for performance that provides evidence of a satisfactory level of attainment of the relevant subject learning outcomes, demonstrating (as applicable):  
- knowledge, understanding and application of fundamental concepts of the field of study  
- use of routine arguments with acceptable reasoning  
- adequate communication of information and ideas in terms of the conventions of the discipline  
- ability to apply appropriate skills, techniques and methods with satisfactory levels of precision and accuracy  
- a combination of correct and incorrect answers |
| Fail F       | <50    | A fail grade (F) is given for performance that does not provide sufficient evidence of attainment of the relevant subject learning outcomes. |
| Technical Fail TF |        | A technical fail (TF) grade is given when minimum performance level requirements for at least one assessment item in the subject as a whole has not been met despite the student achieving at least a satisfactory level of attainment of the subject learning outcomes. |
| Satisfactory S |        | A satisfactory grade (S) is awarded for performance that demonstrates a satisfactory level of attainment of the relevant subject learning outcomes. |
| Unsatisfactory U |        | An unsatisfactory grade (U) is awarded for performance that demonstrates an unsatisfactory level of attainment of the relevant subject learning outcomes. |
| Excellent E  |        | An excellent grade (E) may be awarded, instead of a satisfactory grade (S), within subjects from the School of Medicine that have been completed with a consistent pattern of high standard of performance in all aspects of the subject. |

More details on UOW Grade descriptors can be found on the following link [http://www.uow.edu.au/content/groups/public/@web/@gov/documents/doc/uow194941.pdf](http://www.uow.edu.au/content/groups/public/@web/@gov/documents/doc/uow194941.pdf)
University Policies

Students should be familiar with the following University policies:

a. Code of Practice – Teaching and Assessment

b. Student Charter

c. Academic Integrity and Plagiarism Policy

d. Student Academic Consideration Policy

e. Course Progress Policy

f. Academic Complaints Policy (Coursework and Honours Students)

g. Inclusive Language Policy

h. Workplace Health and Safety, where relevant

i. Intellectual Property Policy

Version Control Table

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<td>Sonia Losinno – Learning and Teaching Officer</td>
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<td>Monique Francois – Subject Coordinator</td>
<td>Sonia Losinno – Learning and Teaching Officer</td>
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