Unit study package code: GMED2004
Mode of study: Internal
Tuition pattern summary: Note: For any specific variations to this tuition pattern and for precise information refer to the Learning Activities section.
Lecture: 1 x 2 Hours Weekly
Practical: 2 x 2 Hours Weekly
This unit does not have a fieldwork component.
Credit Value: 25.0
Pre-requisite units:
- 313402 (v.0) Introduction to Pathophysiology 100 or any previous version
  OR
- PATH1000 (v.0) Introduction to Pathophysiology or any previous version
  OR
- MG-PHYTH (v.0) Master of Physiotherapy or any previous version
  OR
- 303047 (v.0) Master of Physiotherapy or any previous version
  AND
- 313459 (v.0) Clinical Anatomy and Physiotherapy Practice 152 or any previous version
  OR
- 314834 (v.0) Clinical Anatomy and Physiotherapy Practice 251 or any previous version
  OR
- HUMB1003 (v.0) Introduction to Clinical Anatomy and Physiotherapy Practice or any previous version
  OR
- HUMB2007 (v.0) Foundations of Clinical Anatomy and Physiotherapy Practice or any previous version
  OR
- HUMB5000 (v.0) Fundamentals of Clinical Anatomy and Physiotherapy Practice or any previous version
  OR
- 314022 (v.0) Clinical Anatomy and Physiotherapy Practice 551 or any previous version
  AND
- 303092 (v.0) Physiotherapy Practice 251 or any previous version
  OR
- PHTY2000 (v.0) Communication in Physiotherapy or any previous version
  OR
- PHTY5000 (v.0) Fundamentals of Communication in Physiotherapy or any
previous version

OR

303186 (v.0) Physiotherapy Practice 551 or any previous version

Co-requisite units: Nil

Anti-requisite units: Nil

Result type: Grade/Mark

Approved incidental fees: Information about approved incidental fees can be obtained from our website. Visit fees.curtin.edu.au/incidental_fees.cfm for details.

Unit coordinator:

Title: Miss
Name: Bronwyn Smith
Phone: +618 9266 5166
Email: B.Smith@curtin.edu.au
Location: Building: 408 - Room: 3536
Consultation times: By appointment

Teaching Staff:

Name: Evan Coopes
Phone: +618 9266 2816
Email: E.Coopes@curtin.edu.au
Location: Building: 408 - Room: 3539

Name: Tanis Kelly
Phone: +618 9266 4032
Email: T.Kelly@curtin.edu.au
Location: Building: 408 - Room: 3513

Name: Karen Richards
Phone: +618 9266 3662
Email: K.Richards@curtin.edu.au
Location: Building: 408 - Room: 3534-1

Name: Julie Bayliss
Phone: +618 9266 1225
Email: J.Bayliss@curtin.edu.au
Location: Building: 408 - Room: 3512-3

Administrative contact:

Name: Suzanne James
Phone: +618 9266 3608
Email: S.James@curtin.edu.au
Location: Building: 408 - Room: 3506

Learning Management System: Blackboard (lms.curtin.edu.au)
Acknowledgement of Country

We respectfully acknowledge the Indigenous Elders, custodians, their descendants and kin of this land past and present.

Syllabus

Development of clinical competencies in the assessment and management of selected musculoskeletal conditions including fracture and joint pathologies. Clinical management and reasoning skills will be developed through consideration of aetiology, pathology, clinical manifestations and implications of pre and post-surgical management. Interventions include the application of techniques of neuromuscular facilitation and exercise in a variety of settings including aquatic therapy settings.

Introduction

Introduction

**GMED2004 - Orthopaedic Musculoskeletal Science** introduces students to the specialty of post-surgical and post-trauma orthopaedic physiotherapy management. On successful completion of this unit, students are able to assess a patient, formulate a physiotherapy problem list for the patient, design, implement and monitor an intervention program to address the stated physiotherapy problems.

Students **MUST** undertake essential pre-reading / activities prior to attending the lectures and practical sessions. As well as the printed material provided, students will need to access scholarly electronic databases, published research articles and information available on the Internet.

This unit establishes a foundation for up future musculoskeletal units in second and third year of the Physiotherapy course, as well as preparing students for their two-week practical clinics in a musculoskeletal setting held in the second semester.

To achieve the course outcomes students must demonstrate continued development of their skills and knowledge. In particular physiotherapy assessment, handling and treatment skills learned in units completed prior to this unit will be incorporated into the assessments for this unit. Students are expected to maintain and expand upon these skills in the laboratory and clinical placement setting.

It is compulsory for students to learn all of the techniques specified within the unit outline / guide and to demonstrate competency in technique application. Students will need to engage in practice outside specified class times to develop their competence.

This unit also has an Aquatics component which requires students to attend a **compulsory** hydrotherapy tutorial at a local tertiary hospital. All pre-reading and tutorial material is examinable.

Study Load for the Course

It is highly recommended that students spend approximately > 6 hours of study per week on this unit besides the scheduled contact time which is up to 2 hours of lecture and up to 4 hours of practical training. This should include a large amount of practice to gain clinical competency in lab material taught.
Unit Learning Outcomes

All graduates of Curtin University achieve a set of nine graduate attributes during their course of study. These tell an employer that, through your studies, you have acquired discipline knowledge and a range of other skills and attributes which employers say would be useful in a professional setting. Each unit in your course addresses the graduate attributes through a clearly identified set of learning outcomes. They form a vital part in the process referred to as assurance of learning. The learning outcomes tell you what you are expected to know, understand or be able to do in order to be successful in this unit. Each assessment for this unit is carefully designed to test your achievement of one or more of the unit learning outcomes. On successfully completing all of the assessments you will have achieved all of these learning outcomes.

Your course has been designed so that on graduating we can say you will have achieved all of Curtin’s Graduate Attributes through the assurance of learning process in each unit.

<table>
<thead>
<tr>
<th>On successful completion of this unit students can:</th>
<th>Graduate Attributes addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Describe principles of medical management and common complications of the post-trauma and post-surgical musculoskeletal client</td>
<td>![Checkmark] ![Lightbulb]</td>
</tr>
<tr>
<td>2 Demonstrate appropriate assessment techniques and develop a prioritised problem list based upon assessment findings appropriate for clients who have sustained trauma and/or undergone musculoskeletal surgery</td>
<td>![Checkmark] ![Lightbulb]</td>
</tr>
<tr>
<td>3 Design and implement an effective and safe physiotherapy intervention plan based upon a prioritised problem list appropriate for clients who have sustained trauma and/or undergone musculoskeletal surgery</td>
<td>![Checkmark] ![Lightbulb]</td>
</tr>
<tr>
<td>4 Modify an intervention plan in response to changes in patients’ status</td>
<td>![Checkmark] ![Lightbulb]</td>
</tr>
</tbody>
</table>

Curtin’s Graduate Attributes

| ![Checkmark] Apply discipline knowledge | ![Lightbulb] Thinking skills (use analytical skills to solve problems) | ![Lightbulb] Information skills (confidence to investigate new ideas) |
| ![Chatbubble] Communication skills | ![Lightbulb] Technology skills | ![Lightbulb] Learning how to learn (apply principles learnt to new situations) (confidence to tackle unfamiliar problems) |
| ![Globe] International perspective (value the perspectives of others) | ![Lightbulb] Cultural understanding (value the perspectives of others) | ![Lightbulb] Professional Skills (work independently and as a team) (plan own work) |

Find out more about Curtin’s Graduate attributes at the Office of Teaching & Learning website: ctl.curtin.edu.au
Learning Activities

The lectures topics, directed learning and laboratories (practicals) are based on the broad outcomes for this unit. The *Orthopaedic Musculoskeletal Science Guide* contains detailed outcomes for each topic, and outlines Essential Reading and essential prior knowledge required, and describes activities for topics including interactive on-line activities. Any prior knowledge required will be indicated in the guide. Essential materials are deemed essential for effective patient management will be examined.

Each week there is a 2-hour lecture. There will also be up to two, 2-hour practical sessions in which students (in pairs) will learn specific clinical skills. Within these pairs students will be asked to alternately play the roles of physiotherapist or patient. Each role provides students with a specific perspective on the clinical skills introduced in each session and students are encouraged to participate fully. This year there will be a 2-hour compulsory practical aquatic component to the course, this will be based out of Sir Charles Gairdner Hospital’s (SCGH) aquatic rehabilitation facility.

In recognition of the nature of the material to be learned, students will be expected to assume increasing individual responsibility for their learning. Opportunities to clarify problems or concerns will be provided within these sessions.

General Objectives

During the various components of this unit students should aim to demonstrate the ongoing development of:

- Verbal communication skills for demonstrating and teaching movement tasks and for providing relevant feedback to clients and colleagues
- Written communication skills for patient note taking
- Peer learning skills and strategies
- Self assessment skills
- Skills in time management and work time assessment

Learning Resources

All resources are available through Blackboard and Curtin Library. Other activities requiring on-line viewing can be accessed through your web browser.

The guide for this unit will be released up until and inclusive of Week 7 teaching material. The rest of the guide will be made available with sufficient time for preparation. Students are expected to have reviewed the guide material and to bring with them to all laboratory sessions.

There are no set or recommended texts however several texts will be referenced and referred to, the student can then make a decision on whether to purchase the text or not.

Essential Blackboard Activities will be made available for students which aid in preparation for each week.
Learning Resources

Other resources

Attendance at Classes

Attendance at all lectures is recommended (indeed, highly recommended). It is also highly recommended that you attend all practical, laboratory and tutorial classes to ensure you develop skills and attain feedback while in class. Students attending classes should ensure that they arrive on time, and maintain an attentive disposition, as extraneous noise is discourteous to other students and the lecturer. Students should arrive prior to the designated commencement time for practical classes or they will risk being excluded from the class.

Students who are unable to attend classes must both inform the Unit Coordinator and provide documentation outlining the reasons for their non-attendance. If a prolonged absence is anticipated students should contact their Year/Course Coordinator.

Students who do not meet minimum attendance requirements for the unit may be required to complete additional work that demonstrates they have an adequate understanding of the material covered in the missed sessions. Students will be given a Grade Not Submitted (GNS) grade for the unit until such time as additional work has been completed to an acceptable standard as deemed by the unit coordinator.

Some units require students to work in a group. There are many examples of how you will work as a team member as a physiotherapist or exercise scientist and it is in these group projects/settings that you will develop and enhance your team skills. In case you are not able to attend a group meeting/session make sure you have the contact details of at least two members of your group. It is your responsibility to let your group know if you cannot attend or are unable to complete your assigned tasks. This allows the group to revise their plans and continue to be productive, much as your colleagues would need to prioritise their schedules to fit in some of your patients in a hospital or practice setting.

Practical Class Participatory/Dress Requirements

The course requires full participation in all laboratory classes. These sessions cover topics such as surface anatomy, assessment of posture, massage and other manual and clinical physiotherapy and exercise science skills.

Essential learning strategies demand that all students disrobe appropriately and are willing to act as subjects for their peer group. The designated practical class attire is shorts and a t-shirt or polo shirt. Students must also be prepared to remove the polo shirt when performing techniques on the neck, back, shoulder and abdomen. In these cases it is recommended that girls wear a sports crop top, bikini top or bra. This designated practical class attire is to be worn in all scheduled practical classes.

Failure to wear suitable clothing may mean exclusion from class. Please plan appropriately!

Students are required to wear their name badge to all practical classes and clinics. For safety and hygiene reasons fingernails should be short and clean, long hair tied back and wristwatches and jewellery (watches/bracelets/rings/brooches/necklaces/facial piercings) are not to be worn when treating clients. Therefore, these requirements are to be adhered to when practicing hands on treatment techniques during laboratory classes. Valuable items may be brought into laboratory classes held in the School of Physiotherapy and Exercise Science laboratories for safekeeping.

Personal Hygiene and Infection Control

Please ensure that you use the hand washing facilities provided both at the commencement and completion of laboratory sessions that involve patient/student handling. This involves exercising the Five Moments of Hand Hygiene.

Mobile Phones

Mobile phones must be switched off prior to entry to lecture, laboratory and tutorial sessions. They may not be taken into examination venues.

School of Physiotherapy and Exercise Science: Expectations of Professionalism

The School of Physiotherapy and Exercise Science has an expectation of students that they will display a high level of professionalism in all timetabled activities during semester and the examination period. This includes (but is not limited to) lectures, practical sessions, laboratory sessions, tutorials, clinical visits and formal assessments.

Students are expected to behave in a manner which allows all students to gain the maximum benefit from the learning experience (as per the university student charter). Expected behaviours include:

- Completing all expected preparatory work (ie readings, practice questions etc)
- Ensuring that appropriate clothing and name tag is worn and any required equipment is brought to the session
- Arriving on time for formal teaching sessions
- Contacting the unit coordinator in order to notify them of the reasons for any absences from practical sessions
- Switching off mobile phones, iPads and laptop computers during formal teaching sessions unless specifically instructed to use these by staff
- Ensuring that full attention is focussed on tutors or lecturers during presentations
Ensuring that you move to a position where you can see demonstrations in practical sessions or laboratories
Taking care of equipment (including plinths)
Communicating with staff and peers in a respectful manner
Ensuring that email contact with staff includes full name, student ID, year level and contains correct grammar (i.e., no use of SMS communication style)

Students who fail to display professional behaviour on a consistent basis may be asked to leave formal tuition activities such as lectures or practical sessions. Repeated incidents of unprofessional behaviour may result in a formal report of General Misconduct and referral to School of Physiotherapy or Faculty Disciplinary panels.

Assessment

Assessment schedule

<table>
<thead>
<tr>
<th>Task</th>
<th>Value %</th>
<th>Date Due</th>
<th>Unit Learning Outcome(s) Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mid semester assessment</td>
<td>20 percent</td>
<td>Week: 5, Day: Friday, Time: TBA</td>
<td>2,3</td>
</tr>
<tr>
<td>Practical examination</td>
<td>35 percent</td>
<td>TBA</td>
<td>1,2,3</td>
</tr>
<tr>
<td>Written examination</td>
<td>45 percent</td>
<td>TBA</td>
<td>1,2,3</td>
</tr>
</tbody>
</table>

Detailed information on assessment tasks

1. **Mid-semester Practical Competency (20%)**
   The competency-based practical (10 minutes) is scheduled for Week 5 (Tuition Free Week) on Friday, 01/04/2016 and students are expected to make themselves available. Examples of global marking criteria for this assessment will be provided prior to the assessment.
   Students will demonstrate techniques in patient handing, manual therapies and exercise techniques. Students must also provide a verbal explanation to the expected outcomes from the intervention and the loading parameters for specific interventions or exercises.
   A broad list of the competencies that will be assessed will be posted on Blackboard to ensure students have adequate time to practice and therefore demonstrate a high level of mastery in performance. The actual assessed competencies will contain aspects of skills from the list provided to students.

2. **End of Semester Practical (35%)**
   This practical examination will consist of one station (10 minutes) that will integrate different elements of the semester’s practical and theoretical material.

3. **Written Examination (45%)**
   This written examination will be drawn from material covered over the course of the semester including all Blackboard Essential Activities (lectures, readings, podcasts and viewing)

Pass requirements

Assessments for this unit will consist of various modes of assessment as listed above. A passing mark of 50% must be obtained for each form of assessment to achieve a satisfactory grade. Students must demonstrate competence on the practical examinations and pass the final written examination in order to pass the unit.

Fair assessment through moderation

Moderation describes a quality assurance process to ensure that assessments are appropriate to the learning outcomes, and that student work is evaluated consistently by assessors. Minimum standards for the moderation of assessment are described in the Assessment and Student Progression Manual, available from policies.curtin.edu.au/policies/teachingandlearning.cfm
Late assessment policy

This ensures that the requirements for submission of assignments and other work to be assessed are fair, transparent, equitable, and that penalties are consistently applied.

1. All assessments students are required to submit will have a due date and time specified on this Unit Outline.
2. Late submission of assessments is not accepted in this unit. Students will receive a zero mark for any assessment item submitted late.

Assessment extension

A student unable to complete an assessment task by/on the original published date/time (eg examinations, tests) or due date/time (eg assignments) must apply for an assessment extension using the Assessment Extension form (available from the Forms page at students.curtin.edu.au/administration/) as prescribed by the Academic Registrar. It is the responsibility of the student to demonstrate and provide evidence for exceptional circumstances beyond the student's control that prevent them from completing/submitting the assessment task.

The student will be expected to lodge the form and supporting documentation with the unit coordinator before the assessment date/time or due date/time. An application may be accepted up to five working days after the date or due date of the assessment task where the student is able to provide an acceptable explanation as to why he or she was not able to submit the application prior to the assessment date. An application for an assessment extension will not be accepted after the date of the Board of Examiners' meeting.

Deferred assessments

If your results show that you have been granted a deferred assessment you should immediately check your OASIS email for details.

Deferred examinations/tests will be held from 13/07/2016 to 20/07/2016 . Notification to students will be made after the Board of Examiners' meeting via the Official Communications Channel (OCC) in OASIS.

Supplementary assessments

Supplementary assessments, if granted by the Board of Examiners, will have a due date or be held between 13/07/2016 and 20/07/2016 . Notification to students will be made after the Board of Examiners’ meeting via the Official Communications Channel (OCC) in OASIS.

It is the responsibility of students to be available to complete the requirements of a supplementary assessment. If your results show that you have been granted a supplementary assessment you should immediately check your OASIS email for details.

Referencing style

The referencing style for this unit is Vancouver.

More information can be found on this style from the Library web site: http://libguides.library.curtin.edu.au/referencing.

Copyright

© Curtin University. The course material for this unit is provided to you for your own research and study only. It is subject to copyright. It is a copyright infringement to make this material available on third party websites.

Academic Integrity (including plagiarism and cheating)

Any conduct by a student that is dishonest or unfair in connection with any academic work is considered to be academic misconduct. Plagiarism and cheating are serious offences that will be investigated and may result in penalties such as reduced or zero grades, annulled units or even termination from the course.

Plagiarism occurs when work or property of another person is presented as one's own, without appropriate acknowledgement or referencing. Submitting work which has been produced by someone else (e.g. allowing or
contracting another person to do the work for which you claim authorship) is also plagiarism. Submitted work is subjected to a plagiarism detection process, which may include the use of text matching systems or interviews with students to determine authorship.

Cheating includes (but is not limited to) asking or paying someone to complete an assessment task for you or any use of unauthorised materials or assistance during an examination or test.

From Semester 1, 2016, all incoming coursework students are required to complete Curtin’s Academic Integrity Program (AIP). If a student does not pass the program by the end of their first study period of enrolment at Curtin, their marks will be withheld until they pass. More information about the AIP can be found at: https://academicintegrity.curtin.edu.au/students/AIP.cfm

Refer to the Academic Integrity tab in Blackboard or academicintegrity.curtin.edu.au for more information, including student guidelines for avoiding plagiarism.

Information and Communications Technology (ICT) Expectations

Curtin students are expected to have reliable internet access in order to connect to OASIS email and learning systems such as Blackboard and Library Services.

You may also require a computer or mobile device for preparing and submitting your work.

For general ICT assistance, in the first instance please contact OASIS Student Support: oasisapps.curtin.edu.au/help/general/support.cfm

For specific assistance with any of the items listed below, please contact The Learning Centre: life.curtin.edu.au/learning-support/learning_centre.htm

- Using Blackboard, the I Drive and Back-Up files
- Introduction to PowerPoint, Word and Excel
Additional information

Supplementary Examination Procedures

Supplementary and deferred examinations may be granted by the Board of Examiners of the School of Physiotherapy and Exercise Science subject to student’s overall performance in the unit and in other units as per the University Assessments Policy. Exam results (whole or in part) cannot be released prior to this meeting.

For more information about supplementary examination, see this link: http://examinations.curtin.edu.au/students/sup_exam.cfm

Supplementary and deferred assessments for Semester 1 2015 will be held between 13 – 20 July 2016. Notification to students will be made by 6pm on 7 July 2016 after the School of Physiotherapy and Exercise Science Board of Examiners’ meeting via the students’ OCC in OASIS. If your OC shows that you have been awarded a supplementary or deferred exam you should immediately check your OC for specific details.

Students awarded a fail grade will also be notified via the OCC on the specified dates on pages 3-5.

Students are strongly encouraged to ensure that their account is active and to check for the earliest notification of fail and supplementary examination results.

Students who have been granted a supplementary exam may only attempt the exam during the specified period. Supplementary exams cannot be deferred except under the specific circumstances as outlined in the assessment policy. You are, therefore, advised not to make any travel plans or work arrangements during the supplementary examination period. No holidays should be booked by a student or by family members on behalf of a student during any supplementary or deferred examination period. Holidays do not constitute grounds for deferral for any assessment. It is the student’s responsibility to make family members aware of important dates.

Procedures for Optimising Validity and Reliability of Assessments

Teaching staff meet prior to examinations to determine the criteria on which students are to be assessed. The written examination is prepared by the unit coordinator in consultation with tutors and other staff involved in teaching the unit. Marking criteria are developed prior to the examination being marked, and will include either a list of key concepts or a range of model answers. Written exams are subject to a review process whereby the paper is reviewed by the unit co-examiner and one other staff member from the School of Physiotherapy and Exercise Science to ensure that the questions use clear language, are appropriate for the level of the course, and adequately assess the unit objectives. Laboratory examinations use a similar process.

The practical examination criteria are assessed using itemised checklists using a competency based scoring system. The practical examination questions and criteria are prepared by the unit coordinator in consultation with the co-examiner and other tutors involved in the unit. The questions are then subjected to a peer review process to determine clarity and appropriateness. The examiners are trained in the examination procedure and scoring method. A global rating system is used to determine a mark for the student’s performance. Before releasing marks to the students, the unit coordinator reviews all examiners’ marks to determine reliability between examiners and looks for evidence of bias. If marks are significantly different between examiners, they are revised following discussion and agreement between the examiner and unit coordinator.

Non-discriminatory/Non-labeling Language

Curtin University has adopted policies and guidelines on the use of non-discriminatory language (with respect to race, gender and disability). Communication in the University should be bias free and avoid, in particular, sexist or racist terminology or stereotyping. Students should familiarise themselves with these guidelines and adhere to them. Additional information can be found in section 1.8 of this document:

Portsmouth L and Gazey C (2010): Guide to Assignment Presentation Bentley, Perth WA: The School of Public Health, Curtin University of Technology. This is available on Blackboard under School of Physio Community: Assessment Policy and Guidelines.

Discriminatory language is that which refers in abusive terms to gender, race, age, sexual orientation, citizenship or nationality, ethnic or language background, physical or mental ability, or political or religious views, or which stereotypes groups in an adverse manner that is not supported by evidence. This is not meant to preclude or inhibit legitimate academic debate on any issue, however the language used in such debate should be non-discriminatory and sensitive to these matters.

Labelling language is that which labels a person by their pathology, impairment or activity limitation (disability). Some common examples are: back pain patient versus patient with back pain, diabetic versus person with diabetes, stroke patients versus patients who have had a stroke, cerebral palsied versus a child with cerebral palsy. Labelling language tends to define a person by their pathology, impairment or activity limitation (disability) rather than identifying them as a person with a pathology, impairment or activity limitation (disability). As physiotherapists and exercise scientists, we are required to recognise the person first.
Enrolment

It is your responsibility to ensure that your enrolment is correct - you can check your enrolment through the eStudent option on OASIS, where you can also print an Enrolment Advice.

Student Rights and Responsibilities

It is the responsibility of every student to be aware of all relevant legislation, policies and procedures relating to their rights and responsibilities as a student. These include:

- the Student Charter
- the University's Guiding Ethical Principles
- the University's policy and statements on plagiarism and academic integrity
- copyright principles and responsibilities
- the University's policies on appropriate use of software and computer facilities

Information on all these things is available through the University's "Student Rights and Responsibilities" website at: students.curtin.edu.au/rights.

Student Equity

There are a number of factors that might disadvantage some students from participating in their studies or assessments to the best of their ability, under standard conditions. These factors may include a disability or medical condition (e.g. mental illness, chronic illness, physical or sensory disability, learning disability), significant family responsibilities, pregnancy, religious practices, living in a remote location or another reason. If you believe you may be unfairly disadvantaged on these or other grounds please contact Student Equity at eesj@curtin.edu.au or go to http://eesj.curtin.edu.au/student_equity/index.cfm for more information.

You can also contact Counselling and Disability services: http://www.disability.curtin.edu.au or the Multi-faith services: http://life.curtin.edu.au/health-and-wellbeing/about_multifaith_services.htm for further information.

It is important to note that the staff of the university may not be able to meet your needs if they are not informed of your individual circumstances so please get in touch with the appropriate service if you require assistance. For general wellbeing concerns or advice please contact Curtin's Student Wellbeing Advisory Service at: http://life.curtin.edu.au/health-and-wellbeing/student_wellbeing_service.htm

Recent unit changes

Students are encouraged to provide unit feedback through eVALUate, Curtin's online student feedback system. For more information about eVALUate, please refer to evaluate.curtin.edu.au/info/.

To view previous student feedback about this unit, search for the Unit Summary Report at https://evaluate.curtin.edu.au/student/unit_search.cfm. See https://evaluate.curtin.edu.au/info/dates.cfm to find out when you can eVALUate this unit.

Recent changes to this unit include:

In response to evaluate feedback this unit has recently been updated to improve cohesiveness between Unit Learning Outcomes and Practical components.
# Program Calendar

## Calendar of Academic Events

**Program Calendar 2016 GMED 2004 – Orthopaedic Musculoskeletal Science**

<table>
<thead>
<tr>
<th>Week</th>
<th>Lecture (2 hours)</th>
<th>Lab 1 (2 hours)</th>
<th>Lab 2 (2 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Introduction to Orthopaedics (BS)</td>
<td>Initial Assessment of the post-operative patient – Early focus on Total Knee Replacement (TKR)</td>
<td>NOTE – 2 hour lab</td>
</tr>
<tr>
<td></td>
<td>• The In-Patient Setting</td>
<td></td>
<td>Mon Group 1 &amp; 2 1.30-3.30</td>
</tr>
<tr>
<td></td>
<td>• Clinical Pathways</td>
<td></td>
<td>Group 3 &amp; 4 3.30-5.30</td>
</tr>
<tr>
<td></td>
<td>• Early Patient Assessment</td>
<td></td>
<td>Tues Group 5 &amp; 6 8-10am</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Group 7 &amp; GEM 5 10-12pm</td>
</tr>
<tr>
<td>2.</td>
<td>Surgical Procedures (BS)</td>
<td>Early ambulation of the post-operative patient – Focus on Total Hip Replacement (THR)</td>
<td>NOTE – 2 hour lab</td>
</tr>
<tr>
<td></td>
<td>• LL elective Sx THR/TKR</td>
<td></td>
<td>Mon Group 1 &amp; 2 1.30-3.30</td>
</tr>
<tr>
<td></td>
<td>• Arthroscopy Hip and Knee</td>
<td></td>
<td>Group 3 &amp; 4 3.30-5.30</td>
</tr>
<tr>
<td></td>
<td>Post-Surgical Complications (BS)</td>
<td></td>
<td>Tues Group 5 &amp; 6 8-10am</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Group 7 &amp; GEM 5 10-12pm</td>
</tr>
<tr>
<td>3.</td>
<td>Principles of Exercise Prescription (BS)</td>
<td>Principles of exercise prescription #1 &amp; 2</td>
<td>NOTE – 4 hour lab</td>
</tr>
<tr>
<td></td>
<td>• Pain and Motor Control theory</td>
<td></td>
<td>*All Groups to original rooms as per timetable</td>
</tr>
<tr>
<td></td>
<td>• Improving muscle performance across a spectrum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Lower Limb Fractures (EC)</td>
<td>Simulation</td>
<td>Principles of exercise prescription #3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NOTE – 4 hour lab</td>
<td>*All Groups to original rooms as per timetable</td>
</tr>
</tbody>
</table>

5. TUITION FREE WEEK – EASTER MID SEMESTER PRAC EXAM Friday 1st April 2016
<table>
<thead>
<tr>
<th>6. (4/4)</th>
<th>Surgical Procedures: ACL &amp; concomitant pathology (BS)</th>
<th>NOTE – 3 hour lab</th>
<th>Principles of exercise prescription #4 – Balance Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>* All Groups to original rooms as per timetable</td>
<td></td>
</tr>
<tr>
<td>7. (11/4)</td>
<td>Orthopaedics in the clinical setting – A perspective from an Advanced Scope Practitioner (KR)</td>
<td>Early ACL post-operative rehabilitation</td>
<td>Later stage ACL/LL rehabilitation</td>
</tr>
</tbody>
</table>
|          | Upper Limb Fractures (BS)                           |                   | Note – 4 hour lab
|          |                                                     | *All Groups to original rooms as per timetable | |

**8. TUITION FREE WEEK 18/4-22/4**

**9. (25/4) Public Holiday NO LECTURE**

**MEDICAL STEAM (key Issues in the acute post-trauma & post-operative setting)**

**EXERCISE PRESCRIPTION STREAM**

**10 (2/5) Elective and Trauma Surgery-Ul**

<table>
<thead>
<tr>
<th>11 (9/5)</th>
<th>TBA</th>
</tr>
</thead>
</table>

**10 (2/5)**

| 10 (2/5) | Elective and Trauma Surgery-Ul
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RCR, SAD, # HOH (BS)</td>
</tr>
</tbody>
</table>
|          |                          | NOTE – 2 hour lab

Mon Group 1 & 2 1.30-3.30

Group 3 & 4 3.30-5.30

Tues Group 5 & 6 8-10am

Group 7 & GEM 5 10-12pm

**11 (9/5) TBA**

**Principles of exercise prescription #6 & 7**

- Early muscle performance post-operative UL Patient
- Functional UL rehabilitation
Aquatics – As per roster located on Blackboard. Students will be required to complete 3 compulsory captivate modules prior to attending.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>Principles of Manual Therapy</td>
<td>Manual techniques to assist with restoring PROM HR Ag/HR Ant</td>
</tr>
<tr>
<td>(16/5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Neurosurgical Procedures (BS)</td>
<td>Manual techniques to assist with restoring AROM</td>
</tr>
<tr>
<td>(23/5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Revision Lecture</td>
<td>Revision and Practical Exam Practice</td>
</tr>
<tr>
<td>(30/5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>STUDY WEEK (6/6-10/6)</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>EXAMS (13/6 – 24/6)</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>EXAMS (13/6 – 24/6)</td>
<td></td>
</tr>
</tbody>
</table>