EXERSCI 710
Exercise Rehabilitation
(15 points)
(Semester 2, Newmarket Campus)

Who should take this course?
This course is an integral part of the Postgraduate Diploma of Science in Clinical Exercise Physiology. It is assumed that students will have previously taken courses related to human anatomy, physiology, and movement sciences during their study for a Bachelor of Science degree (or equivalent).

Learning Outcomes
1. The student will understand and be able to discuss disability and biopsychosocial models, the mechanisms, classification, and neuroplasticity related to pain, and effects of exercise on pain.
2. The student will understand and be able to discuss the pathophysiology, epidemiology, medical diagnosis, medical treatment, risk factors, the benefits of and responses to exercise, and the recognition and appropriate response to abnormal signs and symptoms during exercise of the following conditions:
   1. musculoskeletal/orthopaedic disorders
   2. neurological and neuromuscular diseases
   3. neoplastic diseases
   4. immune disorders
   5. haematological disorders
   6. mood disorders
   7. post-surgical cases
   8. the elderly

Learning and Teaching
The course is delivered primarily in a lecture format. Some guest lecturers provide additional expert knowledge. Assignments and student presentations provide other learning opportunities.

Teaching Staff
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Assessment*
25% Midterm written test
20% Student presentations
10% Assignment
45% Final written test

* subject to change

Learning resources
Journal articles are provided throughout the semester.

Student Feedback
Students will be asked to provide course and teaching evaluations at the end of the Semester. Assessments will be used to assist in the development and improvement of the course.

31.10.2017