513-682 Cardiorespiratory Rehabilitation

Credit Points 12.5 points
Semester 2
Prerequisites For Master by Coursework – 513 662 Cardiorespiratory Science
Prerequisites For Postgraduate Certificate – 513 699 Physiotherapy Professional Portfolio and 513 662 Cardiorespiratory Science
Coordinator Dr Linda Denehy
Contact 20 hours of lectures and seminars, 40 hours of clinical workshops
Non Contact Requirement Students are expected to undertake a number of hours of self directed learning in this subject. Approximately 50 hours of self directed learning is suggested

Description This subject builds on the knowledge and skills gained in 513-662 Cardiorespiratory Science. This subject will enable students to build on their undergraduate knowledge and clinical experience in the areas of evidence based practice, program evaluation, cardiorespiratory outcome measures, exercise in cardiorespiratory dysfunction, efficacy of components of rehabilitation, medical management of related diseases including pharmacological management and oxygen therapy, nutrition, ageing, osteoporosis, marketing and setting up new rehabilitation programs and running a safe and effective exercise class. It is designed to allow students to refine clinical reasoning and manual skills in the clinical setting, including patient assessment and treatment, and education of caregivers and other health professionals. Students will be expected to gain experience under supervision in the management of both medical and surgical patients.

Assessment Written assignment 1500 words (20%), oral presentations totalling (30%), skills examinations totalling (15%), exercise class practical examination (15%), clinical assessment (20%). Students must gain a pass in both the practical and theoretical components in order to pass the subject.

Prescribed Texts Nil

Subject Objectives
Generic skills On completion of the subject, students will be expected to be able to demonstrate the following generic skills:

- An understanding of professional responsibility and ethical principles in relation to individuals and community, both locally and internationally
- The ability to evaluate and synthesise research and professional literature and apply this information
- A capacity to articulate their knowledge and understanding in oral and written presentations at an appropriate level
- Well-developed problem-solving abilities in both the clinical and the theoretical aspects of cardiothoracic physiotherapy
- A capacity to manage competing demands on time, including self-directed project work
- Critical evaluation of assessment and treatment approaches
- Education of patients, caregivers and health professionals;
- Consultancy and advocacy;
- Goal setting, self-evaluation and reflective practice

Specific Skills On completion of the subject, students will be expected to be able to demonstrate the following specific skills:

- Patient assessment and treatment planning including integration and interpretation of patient problems and effective goal setting
- Physiotherapeutic intervention that is based on sound base of evidence and sensitive to service delivery models and the culture of both the patient and the organization
- A capacity to be an effective member of a team-based approach to patient care and to take a leadership role in the team as appropriate