



Course Outline (Higher Education)

School:	School of Health
Course Title:	PHYSIOTHERAPY 1
Course ID:	NHPPS2002
Credit Points:	15.00
Prerequisite(s):	(NHPPS2004 and NHPPS3003)
Co-requisite(s):	(NHPPS3001)
Exclusion(s):	Nil
ASCED:	061701

Description of the Course :

The course provides physiotherapy students with an introduction to acute care issues as they relate to physiotherapy practice. Students apply their knowledge of body systems, particularly the cardiopulmonary system, gained in NHPBM1041 Anatomy and Physiology for Rehabilitation Science 1 and NHPBM BM1042: Anatomy and Physiology for Rehabilitation Science 2, to the analysis of clinical cases commonly seen across the lifespan in the acute health care setting. Students acquire assessment and intervention skills and further develop clinical reasoning abilities.

This course contains 10 hours of Professional Experience Placement

Grade Scheme: Graded (HD, D, C, etc.)

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks.

Program Level:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:**Knowledge:**

- K1.** Assess the impact of acute and chronic illness on functional capacity and describe the implications for adult and paediatric acute care/cardiorespiratory physiotherapy using sound clinical reasoning skill
- K2.** Explain the physiological rationale for the application of selected physiotherapy treatment techniques for adult and paediatric acute care/cardiorespiratory patient

Skills:

- S1.** Demonstrate proficient and safe professional performance of selected physiotherapy techniques for individuals in an acute care setting
- S2.** Develop appropriate physiotherapy relevant problem lists for individuals who have cardiorespiratory illnesses
- S3.** Demonstrate appropriate physiotherapy treatment techniques for neonatal/paediatric cardiorespiratory presentations

Application of knowledge and skills:

- A1.** Relate the structure and function of body systems to key illnesses and diseases seen in the acute care setting to establish assessment findings and justify appropriate clinical interactions for patients across the lifespan
- A2.** Evaluate the literature relevant to a selected cardiac or pulmonary condition and utilising sound written communication skills, relate the findings to rehabilitation for this condition, in a timely manner.

Course Content:

Anatomy of the cardiorespiratory system

Objective assessment

Radiology- CXR

Respiration, Ventilation

Pulmonary function testing and MDI

Integration of assessment, developing a problem list

Gas exchange, Ventilation/ perfusion, alveolar hypoventilation

Increasing ventilation

Mucociliary clearance techniques

Case Scenarios- Abdominal surgery. Orthopaedic, respiratory condition, other surgery

Exercise -assessing exercise

Development of a treatment plan and evaluation

Orthopedics, Orthopaedic treatment

Neonatal/ paediatric lung conditions

Clinical reasoning

Simulation

Values:

- V1.** Appreciate best practice in physiotherapy is based on contemporary peer-reviewed evidence for acute care/cardiorespiratory physiotherapy
- V2.** Appreciate professionalism and professional judgement in physiotherapy practice

Graduate Attributes

The Federation University FedUni graduate attributes (GA) are entrenched in the Higher Education Graduate Attributes Policy (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes and assessment for each FedUni course, and all attributes must be directly assessed in each program**

Students will be equipped with advanced level knowledge of the determinants of health health determinants and the skills, motivation and confidence to engage in continuous learning to meet the personal, professional and vocational challenges of an ever changing world; The program develops and assesses Federation University Graduate Attributes together with Physiotherapy Board of Australia and Physiotherapy Board of New Zealand, Physiotherapy practice thresholds in Australia and Aotearoa New Zealand (2015). Federation University aims to have graduates with knowledge, skills and competence that enable them to stand out as Thinkers, Innovators, Citizens, Communicators and Leaders. Each course in the program identifies the focus and development of the graduate attribute and this course focuses on the graduate attributes listed below.

Graduate attribute and descriptor		Development and acquisition of GAs in the course			
		Learning outcomes (KSA)	Code A: Direct B: Indirect N/A: Not Assessed	Assessment task (AT#)	Code: A: Certain B: Likely C: Possible N/A: Not
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1, S1, A1	A	AT1, AT2, AT3, AT4	A
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	K1, S1, A1	A	AT1, AT2, AT3, AT4	B
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	K1, S1	N/A	AT1, AT2	N/A
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	S1, A1	A	AT1, AT2, AT3, AT4	A
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	S1	A	AT1, AT2, AT3	B

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, S1, S2, S3, A1, A3	Practical assessment of concepts and skills from laboratory sessions	practical exams	20%
K1, K2, S1, S2, S3, A1, A3	Presentation on concepts from classroom and laboratory sessions	presentation	10%
K1, K2, S1, S2, S3, A1, A3	Content from classroom and laboratory sessions	Oral exam	20%
K1, K2, S1, S2, S3, A1, A3	Content from classroom and laboratory sessions	Written Final Examination	50%

Adopted Reference Style:

APA