



Course Outline (Higher Education)

School:	School of Health
Course Title:	PHYSIOTHERAPY 5
Course ID:	NHPPS3003
Credit Points:	15.00
Prerequisite(s):	(NHPBM1032 and NHPPS1002)
Co-requisite(s):	(NHPPS2004)
Exclusion(s):	Nil
ASCED:	061701

Description of the Course :

Students will be introduced to the role that physiotherapists have in the presentation of neurological pathology. This will cover both pathology that occurs following acute trauma (i.e spinal cord injury, stroke) or that occurs developmentally. The course will cover the pathophysiology of the presentations along with the expected physical impairments that occur secondary to the disease. Practical skills will be taught concerning the management of pathology, which will continue to build on the clinical reasoning skills taught within the previous physiotherapy courses. Students are expected to apply evidence based practice to these particular skills. Students are exposed to a variety of treatment options including targeted equipment prescription, motor control and sensory training

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.** Understand the role of physiotherapy in relation to a variety of neurological pathologies
- K2.** Understand the variety of physical impairments that occur secondary to the presentation of neurological pathologies
- K3.** Understand the pathophysiological processes that occur as a result of neurological disease
- K4.** Understand the neurological motor components involved across various functional movements and how these can be impeded due to the presence of neurological disease
- K5.** Understand the variety of physiotherapy treatment options that are available in the presentation of neurological disease

Skills:

- S1.** Adjust subjective questioning based on a variety of neurological impairments and pathologies
- S2.** Plan and execute a targeted objective examination based on a variety of neurological presentations
- S3.** Successfully complete an assessment of balance within the context of a neurological pathology
- S4.** Provide a basic assessment and treatment in relation to the presentation of vertigo
- S5.** Provide a range of treatment options in relation to the presentation of neurological disease

Application of knowledge and skills:

- A1.** Combine the knowledge of the pathophysiology of disease along with the results of subjective and objective examination to deliver a targeted physiotherapy treatment plan across a variety of neurological presentations
- A2.** Combine the knowledge of the pathophysiology of disease along with the results of subjective and objective examination to determine the likely prognosis in the presentation of the neurological patient
- A3.** Apply the principles of interprofessional practice to deliver targeted evidence based treatment that is consistent with the needs and goals of the individual patient

Course Content:

- Application of physiotherapy within neurology
- Impairment of the motor and somatosensory system
- Pathology of the central nervous system (i.e stroke, acquired brain injury)
- Pathology of spinal cord injury
- Pathology of motor neurone disease
- Pathology of cranial nerve injury
- Assessment and treatment of vertigo
- Subjective and objective assessment of the neurological patient
- Movement analysis across a variety of functional settings
- Analysis of balance
- Prescription of assistive technology

Values:

- V1.** Appreciate best practice in physiotherapy care across the lifespan for neurological disorders and conditions
- 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 attributes, 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.	K2, K3, K4, S1, A1, A2, A3	A	AT2, AT3	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, K5, S5, A1, A2	A	AT1, AT2, AT4	A
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, K2, K3, S1, S2, S3, A1, A2, A3	A	AT1, AT2, AT4	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.	K1, K5, S1, S2, S3, S4, S5, A1, A2, A3	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.	K1, K5, S1, S2, S3, S4, S5, A1, A2, A3	A	AT2, AT3	A

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K4, K5, S1, S2, S3, S5, A1, A2	Concepts and skills from classroom and laboratory sessions	Practical exam and Viva	5-25%
K1, K2, K4, K5, S1, S2, S5, A1, A2, A3	Essay on content from classroom and laboratory sessions	Written Assignment	10-30%
K1, K2, K3, K4, K5, S1, S2, S5, A1, A2, A3	Content from classroom and laboratory sessions	Written Final Examination	35-55%

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K4, K5, S1, S2, S3, S5, A1, A2	Content from classroom and laboratory sessions	Practical Assessment	S/U

Adopted Reference Style:

APA