

Unit Outline (Higher Education)

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| Institute / School: | Institute of Health and Wellbeing |
| Unit Title: | Introduction to Physiotherapy Applications |
| Unit ID: | NHPPS1002 |
| Credit Points: | 15.00 |
| Prerequisite(s): | (NHPPS1001 and NHPPS1111) |
| Co-requisite(s): | Nil |
| Exclusion(s): | Nil |
| ASCED: | 061701 |

Description of the Unit:

The unit will continue to build on the theoretical and practical skills required to work within the physiotherapy profession. Students will acquire further foundational physiotherapy knowledge and skills in the application of assessment and treatment techniques, targeting the spine and upper limb. Research and literature search skills will continue to be encouraged, emphasised, and explored. Students will improve their competency in a variety of treatment techniques, including the use of electrophysical agents.

This unit contains 12 Hours of Professional Experience Placement

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience

Placement Component: Yes - 1 days

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment.

Course Level:

| Level of Unit in Course | AQF Level of Course | | | | | |
|-------------------------|---------------------|---|---|---|---|----|
| | 5 | 6 | 7 | 8 | 9 | 10 |
| Introductory | ■ | ■ | ✓ | ■ | ■ | ■ |
| Intermediate | ■ | ■ | ■ | ■ | ■ | ■ |
| Advanced | ■ | ■ | ■ | ■ | ■ | ■ |

Learning Outcomes:

Knowledge:

- K1.** Describe fundamental injury and healing mechanisms relevant to various upper limb and spinal pathologies, as well as how these conditions may be assessed.
- K2.** Understand the physiological mechanisms and rationale behind various manual mobilisation techniques of the spine.
- K3.** Detail the principles of electrophysical agents, recognising its importance in physiotherapy and their practical application in patient care.

Skills:

- S1.** Be able to conduct a thorough patient history and physical examination across both the upper limb and spinal regions.
- S2.** Demonstrate safe and competent utilisation of spinal mobilisation and electrophysical agents, with a comprehensive understanding of their indications, precautions, and contraindications.
- S3.** Justify and execute effective physiotherapy management plans, employing various techniques tailored to different upper limb and spinal presentations.

Application of knowledge and skills:

- A1.** Use information gathered from patient histories and physical examinations to accurately diagnose conditions and devise appropriate physiotherapy management plans.
- A2.** Apply the principles of biomechanics to accurately observe and assess functional upper limb movements.

Unit Content:

Topics may include:

1. Foundations and applications of spinal mobilisation and electrophysical agents.
2. Pathophysiological understanding of tissue injury and stages of healing across a variety of upper limb and spinal presentations
3. Application of biomechanics across upper limb function
4. Upper limb and spinal assessment and physiotherapy management

FEDTASKS

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be evident in the specified learning outcomes and assessment for each FedUni Unit, and all must be directly assessed in each Course.*

| FEDTASK attribute and descriptor | | Development and acquisition of FEDTASKS in the Unit | |
|---|---|---|-----------------------|
| | | Learning Outcomes (KSA) | Assessment task (AT#) |
| FEDTASK 1 Interpersonal | Students will demonstrate the ability to effectively communicate, inter-act and work with others both individually and in groups. Students will be required to display skills in-person and/or online in: <ul style="list-style-type: none"> Using effective verbal and non-verbal communication Listening for meaning and influencing via active listening Showing empathy for others Negotiating and demonstrating conflict resolution skills Working respectfully in cross-cultural and diverse teams. | Not applicable | Not applicable |
| FEDTASK 2 Leadership | Students will demonstrate the ability to apply professional skills and behaviours in leading others. Students will be required to display skills in: <ul style="list-style-type: none"> Creating a collegial environment Showing self-awareness and the ability to self-reflect Inspiring and convincing others Making informed decisions Displaying initiative | Not applicable | Not applicable |
| FEDTASK 3 Critical Thinking and Creativity | Students will demonstrate an ability to work in complexity and ambiguity using the imagination to create new ideas. Students will be required to display skills in: <ul style="list-style-type: none"> Reflecting critically Evaluating ideas, concepts and information Considering alternative perspectives to refine ideas Challenging conventional thinking to clarify concepts Forming creative solutions in problem solving. | Not applicable | Not applicable |
| FEDTASK 4 Digital Literacy | Students will demonstrate the ability to work fluently across a range of tools, platforms and applications to achieve a range of tasks. Students will be required to display skills in: <ul style="list-style-type: none"> Finding, evaluating, managing, curating, organising and sharing digital information Collating, managing, accessing and using digital data securely Receiving and responding to messages in a range of digital media Contributing actively to digital teams and working groups Participating in and benefiting from digital learning opportunities. | Not applicable | Not applicable |
| FEDTASK 5 Sustainable and Ethical Mindset | Students will demonstrate the ability to consider and assess the consequences and impact of ideas and actions in enacting ethical and sustainable decisions. Students will be required to display skills in: <ul style="list-style-type: none"> Making informed judgments that consider the impact of devising solutions in global economic environmental and societal contexts Committing to social responsibility as a professional and a citizen Evaluating ethical, socially responsible and/or sustainable challenges and generating and articulating responses Embracing lifelong, life-wide and life-deep learning to be open to diverse others Implementing required actions to foster sustainability in their professional and personal life. | Not applicable | Not applicable |

Learning Task and Assessment:

| Learning Outcomes Assessed | Assessment Tasks | Assessment Type | Weighting |
|----------------------------|--|---------------------------|-----------|
| S1, A1, A2 | Written expansion on concepts from classroom and practical sessions | Written Assignment | 15-35% |
| K1, K2, K3, S1, S2 | Skills Mastery | Practical Assessment | S/U |
| K1, K3, S1, S3, A1 | Practical assessment of concepts and skills from laboratory sessions | Practical Exams | 15-35% |
| K1, K2, K3, S3, A1 | Content from classroom and laboratory sessions | Written Final Examination | 40-60% |

Adopted Reference Style:

APA ()

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)