

# Unit Outline (Higher Education)

<b>Institute / School:</b>	Institute of Health and Wellbeing
<b>Unit Title:</b>	INTRODUCTION TO PHYSIOTHERAPY APPLICATIONS
<b>Unit ID:</b>	NHPPS1002
<b>Credit Points:</b>	15.00
<b>Prerequisite(s):</b>	(NHPPS1001 and NHPPS1111)
<b>Co-requisite(s):</b>	Nil
<b>Exclusion(s):</b>	Nil
<b>ASCED:</b>	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 gain 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

Unit contains 12 Hours of Professional Experience Placement

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

## Work Experience:

Not wholly work experience: Student is not undertaking work experience in industry or student is undertaking work experience in industry where learning and performance is directed by the provider.

**Placement Component:** Yes

**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:

On successful completion of the unit the students are expected to be able to:

#### Knowledge:

- K1.** Describe the foundations and physiological of electrophysical agents and its use within injury management
- K2.** Interpret the components of a basic subjective and objective examination concerning the spine and upper limbs
- K3.** Explain basic knowledge of various injury mechanisms and pathologies that present within both the spine and upper limbs
- K4.** Discuss the rationale and physiological mechanisms that occur during various manual mobilisation techniques of the spine

#### Skills:

- S1.** Demonstrate competency in using electrophysical agents with a thorough understanding of indications, precautions and contraindications
- S2.** Conduct a basic subjective and objective assessment across the various components of the spine and upper limbs
- S3.** Demonstrate selected manual mobilisation techniques for the spine
- S4.** Justify an appropriate treatment plan consisting of selected physiotherapy modalities across a variety of spinal and upper limb pathologies

#### Application of knowledge and skills:

- A1.** Apply the practical skills and theoretical understanding of electrophysical agents into a relevant treatment plan
- A2.** Apply the anatomical, biomechanical and physiology knowledge gained from NHPPS1122 into an assessment and treatment plan of the spine and upper limb
- A3.** Interpret the information gained from both subjective and objective examination to determine a probable diagnosis and treatment plan
- A4.** Demonstrate safety and competence in the application of selected physiotherapy modalities, treatment and assessment techniques
- A5.** Demonstrate the ability to evaluate the evidence regarding physiotherapy assessment and treatment techniques

#### Unit Content:

Topics may include:

- Introduction to lumbar spine, thoracic spine, cervical spine, scapula, shoulder, upper arm, elbow, forearm, wrist, hand and finger pathology, assessment and treatment
- Introduction into spinal manual mobilisation techniques
- Upper limb movement analysis
- Introduction to electro-stimulation, ultrasound, pulsed shortwave therapy, biofeedback and laser

electrophysical agents

**Learning Task and Assessment:**

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K4, S3, A2, A5	Essay on concepts from classroom and laboratory sessions	Written Assignment	15-35%
K1, K2, K4, S1, S3, A1, A2, A4	Skills Mastery	Practical Assessment	S/U
K3, K4, S2, S3, S4, A2, A3, A4, A5	Practical assessment of concepts and skills from laboratory sessions	Practical Exams	15-35%
K1, K2, K3, K4, A1, A4, A5	Content from classroom and laboratory sessions	Written Final Examination	40-60%

**Adopted Reference Style:**

APA

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

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