

Unit Outline (Higher Education)

Institute / School:	Institute of Health and Wellbeing
Unit Title:	PHYSICAL AND COGNITIVE-NEUROLOGICAL DETERMINANTS OF OCCUPATION
Unit ID:	NHPOT2015
Credit Points:	30.00
Prerequisite(s):	(NHPBM1032 and NPHPS1003 and NPHPS1401 and NHPOT1012 and NHPRH1004)
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	061703

Description of the Unit:

This unit will provide students with a thorough understanding of the physical and cognitive-neurological factors of human performance and how they influence engagement in occupation. The role of occupational therapists in empowering engagement in occupation through addressing physical and cognitive-neurological factors will be the focus of this unit through assessment and enabling strategies. The unit will further establish the practical application of anatomy and physiology, and lifespan development content taught previously in Year 1. The purpose of this unit is for students to develop professional skills and competencies in assessment, measurement, intervention planning and implementation of enabling strategies to address physical and cognitive-neurological factors that impact on engagement in occupation.

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: No

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.** Identify appropriate enabling strategies to address issues of physical and cognitive-neurological dysfunction through use of evidence-based practice.

Skills:

- S1.** Develop competence in measurement, assessment and analysis of physical and cognitive-neurological factors impacting on engagement in occupation.
- S2.** Acquire competence in professional behaviour, thinking and documentation relating to the physical and cognitive-neurological determinants of occupation.

Application of knowledge and skills:

- A1.** Apply anatomy and physiology knowledge to analyse physical and cognitive-neurological factors impacting on engagement in occupation.
- A2.** Utilise knowledge of life span development to analyse physical and cognitive-neurological factors impacting on engagement in occupation.
- A3.** Evaluate appropriate enabling strategies to address issues of physical and cognitive-neurological dysfunction through use of evidence-based practice.

Unit Content:

The Occupational Therapy Board of Australia (OTBA) Code of Conduct (2014); Australian Occupational Therapy Competency Standards (2018) and National Safety and Quality Health Service (NSQHS) Standards (2017) have substantially informed the syllabus/content of this unit.

Topics may include:

- Theory in OT
- Professional reasoning, Assessment, Intervention
- Assistive technology
- Biomedical frame of reference and treatment approaches
- Structure and analysis concepts for movement
- Seating and posture
- Mobility and gait
- Biomechanics of lifting
- Work and play as an occupational performance area
- Biomechanical risk factors

- Motor and sensory systems
- Special senses, sensory approaches and processing
- OT in paediatrics
- Cognition
- Cognitive determinants in paediatrics

Learning Task and Assessment:

In order to pass this unit, students must:

- Achieve an overall unit grade of 50% or more (inclusive of any penalties applied),
- Achieve a grade of 50% or more on must pass unit assessment task,
- Complete and submit all assessment tasks and associated materials, and
- Meet unit 80% attendance requirements

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, S1, S2, A1, A2, A3	Online quiz covering topics from weeks 1-4	Mini quiz	S/U
S1, S2, A1	Attendance and participation in at least 80% of Workshops	Attendance and participation	S/U
K1, S1, S2, A1, A2, A3	Focus on topics from weeks 1-6	In class test	10-20%
K1, S1, S2, A3	Developing an occupational profile and intervention plan for an older adult	Written assignment	20-30%
K1, S1, S2, A1, A2, A3	All topics covered in class and self-directed blended learning	Written examination (Must pass assessment task)	35-45%
S1, A1	Case study provided for students to formulate a problem statement and identify appropriate assessments	Oral viva	15-25%
K1, S1, S2, A1, A2, A3	Achieving a pass result for written examination	Written examination	S/U Hurdle

Adopted Reference Style:

APA

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