

# Unit Outline (Higher Education)

<b>Institute / School:</b>	Institute of Health and Wellbeing
<b>Unit Title:</b>	HEALTH PROFESSIONAL RESEARCH 2
<b>Unit ID:</b>	NHPHS2102
<b>Credit Points:</b>	15.00
<b>Prerequisite(s):</b>	(NHPHS2101 or NHPHS2402)
<b>Co-requisite(s):</b>	Nil
<b>Exclusion(s):</b>	(NHPHS3401)
<b>ASCED:</b>	061799

## Description of the Unit:

This unit will deepen the theoretical knowledge in regard to clinical and academic research in the allied health and provide experience with the application of this knowledge within a framework of evidence based practice. It will build on NHPHS2402 by exploring how to design and conduct a research project using qualitative and quantitative methodologies, the importance of ethical issues in research, and understanding research quality. This unit will reinforce principles, methods and skills required for evidence-based practice in allied health.

**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.** Describe the theoretical concepts of quantitative and qualitative research methods in the allied health sciences
- K2.** Understand the 5-step evidence-based practice process for reviewing research evidence to support clinical practice
- K3.** Identify structured appraisal tools for critically analysing published research, assess the appropriate tool to appraise a variety of published research using quantitative or qualitative methodologies, and use the tool to critically appraise research
- K4.** Recognise and discuss the theoretical and applied dimensions of ethics as relevant to research in allied health sciences

#### Skills:

- S1.** Collect and analyse data
- S2.** Prepare a research report

#### Application of knowledge and skills:

- A1.** Apply theoretical concepts to critically appraise research literature
- A2.** Apply theoretical concepts to develop a brief research report that requires application of mixed methods

#### Unit Content:

The Professional Standards for Speech Pathologist in Australia (2020), Speech Pathology Guidelines for Reporting of Aboriginal and Torres Strait Islander Curriculum Development and Inclusions (2018), The Physiotherapy Board of Australia (PBA) Code of Conduct (2014); Physiotherapy practice thresholds in Australia and Aotearoa New Zealand (2015), The Occupational Therapy Board of Australia (OTBA) Code of Conduct (2014); Australian Occupational Therapy Competency Standards (2018) National Quality and Safeguarding Framework (NQSF, 2018), National Safety and Quality Health Service (NSQHS) Standards (2017-2019) and National Aged Care Quality Standards (2019) have substantially informed the syllabus/content of this unit.

Topics may include:

- What is evidence based practice
- Critical appraisal of qualitative and quantitative study designs
- Internal validity (chance; bias; confounding)
- Critical Appraisal Tools (types; how to use)
- Reliability and validity of measurement tools
- Critical appraisal of data collection methods
- Interpreting results of qualitative study designs (rigour; trustworthiness)
- Interpreting the results of quantitative study designs (dichotomous data; continuous data)
- Clinical significance of qualitative and quantitative study designs

- Ethical considerations in evidence based practice
- Implementing research into clinical practice

**Learning Task and Assessment:**

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, A1	Critical appraisal of a research paper	Written Assessment	40-60%
K1, K2, K4, S1, S2, A2	Research report	Research Assignment	40-60%

**Adopted Reference Style:**

APA

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

Fed Cite - [referencing tool](#)