

## HEP903: DESIGNING ENGAGED RESEARCH

### Student workload:

No. hours student engagement per week	No. personal study hours per week	Total workload hours per week
4	8	12

### Delivery Mode:

Online via HELI's Cloud campus

Face-to-face at HELI's Melbourne campus

Participants will need to have access to an electronic device (such as a laptop, tablet or smart phone) with internet access to successfully undertake this subject.

### Pre-requisites:

There are no pre-requisites for this subject.

### Subject requirements:

To successfully complete this subject a student must attempt all assessment tasks and achieve at least 50% of the total marks.

### Subject Aim and Content:

The aim of this subject is to develop students' knowledge and skills, enabling them to *design* engaged research and development projects that aim to develop knowledge of or solutions to opportunities or challenges that they find in their professional practice. Students explore the foundational elements of engaged research practice, enabling them to develop and execute research projects that aim to develop solutions to immediate problems they face in their professional practice. The contribution of engaged research lies in adding or improving value in organisational or social processes.

In designing engaged research, educators, trainers and eLearning developers can use ideas, theories and data, rather than preferences or informed guesses, to guide improvement efforts, as well as changing the learning and teaching context. The subject begins with an exploration of the conduct of applied research in a professional setting, and a consideration of the philosophical basis of conducting applied research, with a specific focus on critical realism. It further explores the process of reviewing best practice and theory (the present art) and the development of a practice or theoretical framework that provides structure to the research.

The course covers research design, qualitative and quantitative data collection and analysis. It concludes with a discussion of communicating research knowledge and a consideration of the practice of applied research.

### Subject Learning Outcomes (SLO):

On successful completion of this subject students will be able to:	
SLO1	Analyse an organisational opportunity or challenge against the principles of conducting applied research and development in a professional setting, including the identification of research and development problems, and the philosophical basis for conducting applied research and development.
SLO2	Critically review academic or professional literature, identifying gaps in the knowledge and in practice, and develop applied research and development questions.
SLO3	Develop a research and development design, including qualitative and quantitative research methods, development techniques, that are appropriate to answering identified applied research and development questions.
SLO4	Plan the communication of research and development outcomes

### Delivery and Assessment Plan:

Week	Topic	Assessment Timing
Week 1	Applied research in a professional setting: engaged scholarship and action research	Assessment 1: Engagement Activities begin (max 3 over 9 weeks)
Week 2	The philosophical basis for applied research: positivism, constructivism and critical realism	
Week 3	Reviewing and critiquing theory and practice	
Week 4	Designing applied research	
Week 5	Qualitative data collection	
Week 6	Qualitative data analysis	
Week 7	Quantitative data collection	Assessment 2: Research and Development Brief submission
Week 8	Quantitative data analysis (including reference to data analytics)	
Week 9	<ul style="list-style-type: none"> <li>Storytelling: communicating and using research knowledge</li> <li>Practising engaged scholarship: informed basic research, collaborative research, evaluation research; and action research</li> </ul>	
Week 10	Assessment only week	Assessment 3: Research and Development Proposal submission