

POPH90263 Technology and Ageing

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Term 4, Parkville - Taught online/distance.
Time Commitment:	Contact Hours: 30 hours Total Time Commitment: 170 hours
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website.
Coordinator:	Assoc Prof Kathleen Gray, Dr Jenny Waycott
Contact:	<p>Coordinators: Kathleen Gray kgray@unimelb.edu.au (mailto:kgray@unimelb.edu.au) Jenny Waycott jwaycott@unimelb.edu.au (mailto:jwaycott@unimelb.edu.au)</p> <p>Currently enrolled students: # General information: https://ask.unimelb.edu.au (https://ask.unimelb.edu.au) # Email: enquiries-STEM@unimelb.edu.au (mailto:enquiries-STEM@unimelb.edu.au)</p> <p>Future Students: # Further Information: http://mspgh.unimelb.edu.au/ (http://mspgh.unimelb.edu.au/) # Email: Online Form (http://mspgh.unimelb.edu.au/study/degrees/master-of-public-health/overview)</p>
Subject Overview:	<p>This subject looks at the ways in which recent technological advancements can revolutionise the experience, management and future of ageing. Innovations in how we age are explored from multiple perspectives, including how technology can support autonomy and independent living as well as social connectedness to minimise the isolation common in later life.</p> <p>The subject offers an introduction to the aged care information technology industry and major products and services. Controversial improvements in assistive technologies are covered, such as robotics and sensors that monitor behaviour and health conditions. Lastly, this subject considers technologies for end-of-life support, for longevity and for regenerative medicine. This subject opens up challenges and possibilities for ageing that have implications for older adults, health practitioners, caregivers, service providers, policymakers and researchers.</p>
Learning Outcomes:	<p>On completion of this subject, students will be able to:</p> <ul style="list-style-type: none"> # Demonstrate an informed understanding of the challenges and opportunities that various technologies bring for the health and wellbeing of older people by critically discussing and analysing recent technological advances. # Show a critical appreciation of older people's differing perspectives on how technologies are empowering or disempowering in their social and economic lives based on exploration of real world cases.

	# Critically evaluate existing or emerging technology products and services that are designed to be used specifically by older people, their care-givers or aged care providers.
Assessment:	A psychosocial analysis of older people's experiences of emerging technologies: Written critique posted to class discussion forum (500 words), due Week 2 (hurdle) Peer review (500 words), due Week 3 (10%) Written reflection (1500 words), due Weeks 4-5 (30%) A sociotechnical evaluation of a technology based aged care product or service: Narrated slide presentation posted to class discussion forum (equivalent to 500 words), due Weeks 5-6 (10%) Peer review (500 words), due Week 7 (10%) Written evaluation report (2000 words), due Week 8 (40%)
Prescribed Texts:	Students will have access to electronic copies of relevant readings.
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Students will be provided with the opportunity to practice and reinforce: <ul style="list-style-type: none"> # the ability to identify, analyse and evaluate relevant information # high level written communication skills # the ability to work collaboratively with team members # advanced analytic, integration and problem-solving skills
Related Course(s):	Graduate Certificate in Ageing Graduate Diploma in Ageing Master of Advanced Nursing Master of Ageing Master of Public Administration Master of Public Administration (Enhanced) Master of Public Health Specialist Certificate in Ageing
Related Majors/Minors/ Specialisations:	100 Point Master of Public Policy and Management 150 Point Master of Public Policy and Management 200 Point Master of Public Policy and Management Ageing