



Unit Outline (Higher Education)

Institute / School: Institute of Innovation, Science & Sustainability

Unit Title: Honours Communication and Application

Unit ID: SCHON4005

Credit Points: 15.00

Prerequisite(s): Nil

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 019999

Description of the Unit:

This unit, to be taken as part of a full-year honours program, will assess students` application to their honours research project, and their science communication skills through their final honours research seminar. The unit is designed to assess students on those aspects of conducting, managing and communicating the results of a research program that may not be evident or well-represented by the research thesis alone.

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

Work Experience:

No work experience

Placement Component: No

Supplementary Assessment: No

Supplementary assessment is not available to students who gain a fail in this Unit.

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

Knowledge:

K1. Demonstrate comprehensive knowledge and understanding of student`s honours research topic.

Skills:

S1. Test hypotheses involving the collection, analysis and interpretation of data.

S2. Conduct laboratory and/or field-based experiments that incorporate a suitable sampling strategy or methodology.

S3. Demonstrate initiative and independence in the management and organisation of a research project.

Application of knowledge and skills:

A1. Prepare and deliver an oral presentation of research findings to an audience.

A2. Manage a year-long honours research project, including planning, experimental work, data analysis and thesis preparation.

Unit Content:

This unit, to be taken as part of a full-year honours program, will assess students` application to their honours research project, and their science communication skills through their final honours research seminar. The unit is designed to assess students on those aspects of conducting, managing and communicating the results of a research program that may not be evident or well-represented by the research thesis alone. Student`s will be assessed on the their final research seminar, delivered to a range of academics, peers and non-science audience members. The assessment will judge both the quality of the science being presented, and the quality and delivery of the presentation. The other assessment will be a supervisor`s mark, where the student`s supervisor/s will assess aspects of the student`s application to their research project, and proficiency at required tasks, including the student`s contribution to research design and experimental work, their technical competence, dedication, initiative, adaptability and attitude.

FEDTASKS

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are be embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be evident in the specified learning outcomes and assessment for each FedUni Unit, and all must be directly assessed in each Course.*

FEDTASK attribute and descriptor	Development and acquisition of FEDTASKS in the Unit	
	Learning Outcomes (KSA)	Assessment task (AT#)

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 1 Interpersonal	Students will demonstrate high-level skills to effectively communicate, interact and work with others both individually and in groups Students will be required to display (in person and/or online) high-level skills in-person and/or online in: <ul style="list-style-type: none"> • Effective verbal and non-verbal communication via a range of synchronous and asynchronous methods • Active listening for meaning and influencing • High-level empathy for others • Negotiating and demonstrating extended conflict resolution skills • Working respectfully in cross-cultural and diverse teams 	K1, S1, S2, S3, A1, A2	AT1, AT2
FEDTASK 2 Leadership	Students will demonstrate the ability to apply leadership skills and behaviours Students will be required to display skills in: <ul style="list-style-type: none"> • Creating, contributing to, and enabling collegial environments • Showing self-awareness and the ability to self-reflect for personal growth • Inspiring and enabling others • Making informed and evidence-based decisions through consultation with others • Displaying initiative and ability to solve problems 	K1, S1, S2, S3, A1, A2	AT1, AT2
FEDTASK 3 Critical Thinking and Creativity	Students will demonstrate an ability to work in complex and ambiguous environments, using their imagination to create new ideas Students will be required to display skills in: <ul style="list-style-type: none"> • Reflecting critically on complex problems • Synthesising, evaluating ideas, concepts and information • Proposing alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts through deep inquiry • Proposing creative solutions in problem solving 	K1, S1, S2, S3, A1, A2	AT1, AT2
FEDTASK 4 Digital Literacy	Students will demonstrate the ability to work proficiently across a range of tools, platforms and applications to achieve a range of tasks Students will be required to display high-level skills in: <ul style="list-style-type: none"> • Finding, accessing, collating, evaluating, managing, curating, organising and appropriately and securely sharing complex digital information at a high-level • Receiving and responding to messages in a range of digital media • Using digital tools appropriately to conduct research • Contributing proficiently to digital teams and working groups • Participating in and utilising digital learning opportunities 	K1, S1, S2, S3, A1, A2	AT1, AT2
FEDTASK 5 Sustainable and Ethical Mindset	Students will demonstrate the ability to think ethically and sustainably. Students will be required to display skills in: <ul style="list-style-type: none"> • The responsible conduct of research • Making informed judgments that consider the impact of devising solutions in multiple global economic environmental and societal contexts • Demonstrating commitment to social responsibility as a professional and a citizen • Generating research solutions which are sustainable, ethical, socially responsible and/or sustainable • Extending lifelong, life-wide and life-deep learning to be open to diverse others • Demonstrate extended actions to foster sustainability in their professional and personal life. 	K1, S1, S2, S3, A1, A2	AT1, AT2

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, A1	Deliver a presentation to peers and academic staff, detailing the research question, scientific method, results and conclusions from your honours research project.	Research seminar (oral presentation)	40%
K1, S1, S2, S3, A2	Supervisor`s mark - The student`s supervisor/s will assess aspects of the student`s application to their research project, and proficiency at required tasks, according to a marking rubric. Categories for assessment will include the student`s contribution to research design and experimental work, their technical competence, dedication, initiative, adaptability and attitude.	Supervisor assessment	60%

Adopted Reference Style:

Australian Harvard

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

Fed Cite - [referencing tool](#)