WESTERN SYDNEY
UNIVERSITY
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School of Computer, Data and Mathematical Sciences

Learning Guide

INFO7017 Postgraduate Project B
Spring 2023

Western Sydney University acknowledges the peoples of the Darug, Dharawal, Eora and Wiradjuri nations. We also acknowledge that the teaching and learning currently delivered across our campuses is a continuance of the teaching and learning that has occurred on these lands for tens of thousands of years.

Subject Details

Subject Code:	INFO7017
Subject Name:	Postgraduate Project B
Credit Points:	10
Subject Level:	7
Assumed Knowledge:	(1) Fundamentals of software or information systems management; (2) Knowledge in research methodology; and (3) Skills in literature review and oral presentation.

Note: Students with any problems, concerns or doubts should discuss those with the Subject Coordinator as early as they can.

Subject Coordinator

Name: Dr. Jamie Yang
Phone: +61 2 96859233
Location: ER.G.12, Parramatta South Campus
Email: J.Yang@westernsydney.edu.au
Consultation Arrangement:
Consultation hours: Wednesday 13:00-15:00 ER.G.12, Parramatta South; or via Zoom if necessary. Please also check vUWS site for the most up to date information on consultation arrangement in case of changes.

For subject inquiries, you can also email a staff member directly. Please note that a staff member is typically teaching multiple subjects, so make sure you start the subject line with "INFO7017 PPB" and then include a relevant subject (e.g. inquiries about project presentation, project report, etc).

As this subject is offered for multiple disciplines (e.g. MICT, Data Science, AI, and and Information Governance), in the email body, please indicate in which program you have enrolled. We need the information to recognise the individual student and provide more specialised advice. Such details also help the staff archive your inquiries or forward your inquiries to the corresponding tutors for processing.

For any subject related inquiries, you need to use your Western Sydney University student email account; we really should not correspondent with students via external email addresses as per the university policy since they are not verifiable.

In addition, the coordinator may use emails to address the subject related issues (e.g. clarifying administrative policies, providing hints to assessment tasks, presenting extra/supplementary materials for the subject studies). So please check your Western Sydney University emails regularly and carefully. It is pivotal for any student wishing to perform well to read all these emails carefully.

Contents

Note: The relevant Learning Guide Companion supplements this document

1 About Postgraduate Project B

1.1 An Introduction to this Subject

This project based subject is a continuation of subject Postgraduate Project A. Students are expected to work individually under the supervision of academic staff to solve a research problem and deliver the final outcomes on the research topics they selected in Postgraduate Project A. Students will carry out the research plans, employ the identified methodologies, and fulfil the research objectives within the defined scope. Students will acquire problem solving skills and research experience necessary to participate in a future research projects. To complete their project each student is required to deliver an oral presentation and a final written report detailing the outcomes of their research project.

1.2 What is Expected of You

Study Load

A student is expected to study an hour per credit point a week. For example a 10 credit point Subject would require 10 hours of study per week. This time includes the time spent within classes during lectures, tutorials or practicals.

Note for Summer Terms: As Summer subjects deliver the same content and classes over a shorter period of time, the subjects are run in a more intensive mode. Regardless of the delivery mode, the study hours for each subject in Summer will be around 30 hours.

Attendance

All students must participate in the regular meetings with their supervisor(s).
All students must make the oral presentation for this subject.

Online Learning Requirements

Subject materials will be made available on the Subject's vUWS (E-Learning) site (https://vuws.westernsydney.edu.au/). You are expected to consult vUWS at least twice a week, as all Subject announcements will be made via vUWS. Teaching and learning materials will be regularly updated and posted online by the teaching team.

Special Requirements

Essential Equipment:
Not Applicable
  Legislative Pre-Requisites:
Not Applicable

Policies Related to Teaching and Learning
  The University has a number of policies that relate to teaching and learning. Important policies affecting students include:

- Assessment Policy
- Bullying Prevention Policy and
- Guidelines

Academic Integrity and Student Misconduct Rule

Western cares about your success as a student and in your future career. Studying with academic integrity safeguards your professional reputation and your degree. All Western students must:

- be familiar with the policies listed above;
- apply principles of academic integrity;
- act honestly and ethically in producing all academic work and assessment tasks; and
- submit work that is their own and acknowledge any sources used in their work.

Each time you submit an assessment, you will declare that you have completed it individually, unless it is a group assignment. In the case of a group assignment, each group member should be ready to document their individual contribution if needed. You will also declare that no part of your submission has been:

- copied from any other student's work or from any other source except where appropriate acknowledgement is made in the assignment;
- submitted by you in another (previous or current) assessment, except where appropriately acknowledged, and with prior permission from the Subject Coordinator;
- made available to others in any form, where individual work is required;
- written/produced for you by any other person.

The Student Misconduct Rule applies to all students of Western Sydney University including Western Sydney University programs taught by other education providers. You must not engage in academic, research or general misconduct as defined in the Rule or you may be subject to sanctions. The University considers submitting falsified documentation in support of requests to redo, resit or extend submissions, including sitting of deferred examinations, as instances of general misconduct.

More information on studying with integrity is available on the Study with Integrity webpage. It is your responsibility to apply these principles to all work you submit to the University.

Avoid using external 'support' sites or other external help

To avoid the risk of your assignment being shared without your knowledge, do not upload your assignment to any external sites for spelling, grammar or plagiarism checks. Your safest option is to use the free services provided by Library Study Smart or Studiosity.

Avoid using any websites that:

- allow sharing of assignments or other material
- reward sharing of material with credits, tokens; or access to additional materials/features/services;
- provide answers to textbook or assignment/exam questions;
- provide free sample assignments; and/or include order buttons and prices; and/or
- invite you to submit your assignment for plagiarism or grammar or other checks.

Engagement with academic cheating sites will be regarded as misconduct. Academic cheating services often market themselves as 'support'. Engagement with these sites includes:

- Sharing assignments or course material;

- Using online tools provided by these sites to check for plagiarism, grammar or spelling; and/or
- Purchasing writing services, or obtaining a copy of an assignment.

Uploading your work to these sites may lead to your work being shared with others with or without your knowledge and consent.

The Australian Government monitors current and past students' use of academic cheating services, and may report student material found on these sites or other forms of engagement to universities.

Current students with items found on academic cheating sites face sanctions under the Student Misconduct Rule. Outcomes for graduates may include revocation of award. For more information see https://www.westernsydney. edu.au/currentstudents/current_students/student_misconduct_rule.

More advice can be found on the Study with Integrity webpage.

Need help?

If you are having difficulties with understanding or completing an assessment task, contact your Subject Coordinator as soon as possible. Western also has a range of academic support services, including:

- **Library Study Smart**: book a one-to-one Zoom consultation with a literacy expert. You can discuss how to develop your assignment writing and study skills or seek assistance to understand referencing and citation requirements. Check the Library Study Smart website for how-to study guides and tools.
- **Studiosity**: Upload your assignment draft to Studiosity within vUWS to receive writing feedback within 24 hours.
- Online workshops, programs and resources: From maths and stats help to academic literacy and peer support programs, the University has a range of resources to assist.

Please also remember that there is a range of wellbeing support available - from counselling and disability services to welfare.

1.3 Changes to Subject as a Result of Past Student Feedback

The University values student feedback in order to improve the quality of its educational programs. The feedback provided helps us improve teaching methods and Subjects of study. The survey results inform Subject content and design, learning guides, teaching methods, assessment processes and teaching materials.

You are welcome to provide feedback that is related to the teaching of this Subject. At the end of the semester you will be given the opportunity to complete a Student Feedback on Subject (SFU) questionnaire to assess the Subject. You may also have the opportunity to complete a Student Feedback on Teaching (SFT) questionnaire to provide feedback for individual teaching staff.

As a result of student feedback, the following changes and improvements to this subject have recently been made:

- Postgraduate Project B has replaced Master Project 2. This change has been applied to the programs 3698 (Master of Information and Communications Technology - Advanced), 3699 (Master of Information and Communications Technology), 3735 (Master of Data Science), 3765 (Master of Artificial Intelligence), and 3779 (Master of Information Governance).
- Sample project work is provided to make your project management simple.
- On-going research information is updated dynamically for students' reference.

2 Assessment Information

2.1 Subject Learning Outcomes

	Outcome
1	Conduct continuous review of existing literature in the fields of ICT, DS, AI, and Mathematics to identify the relevance to the proposed research project.
2	Execute a prepared research plan using appropriate methodologies.
3	Evaluate research findings against intended project outcomes.
4	Articulate research results in professional/formal and informal formats and contexts.
5	Apply self-management skills in executing research in computing contexts.
6	Demonstrate research ethics in synthesising complex information from a range of sources and referencing appropriately.

2.2 Approach to Learning

This subject is a continuation of subject INFO7016 Postgraduate Project A and is a problem based project subject. The learning approach of this subject includes workshops, learning sessions for the research project, regular consultation with academic supervisors, and other activities (e.g., program design, surveys, procurement of instrument, seminars) necessary to complete the research project.

Workshops (On-campus class OR Online session [via Zoom or Blackboard Collaborate Ultra]):

One workshop in week 1 is provided to assist students to extend the research work in Postgraduate Project A. A further development with real research activities is expected, e.g. completely establishing methodologies, distributing questionnaire, and data collection/analysis etc.

Project allocation:

Students will continue to work on their research topics allocated in Postgraduate Project A in their discipline towards extended research activities.

While PPB builds upon PPA, it has distinct differences. PPA initiates a project, while PPB brings it to a close. PPA typically involves tasks such as proposal writing, literature review, objective setting, research question formulation, methodology definition, and research planning. PPB, on the other hand, concentrates on extended research activities and findings, including fully establishing methodologies, constructing frameworks, distributing questionnaires, and collecting, analysing, and validating data.

Consultation with academic supervisor(s):

Students will carry out the research projects in consultation with academic supervisors. Students should attend the regular meetings (e.g. weekly meetings) with academic supervisor(s) who will guide students throughout the project process.

To ensure successful completion of PPB, students are advised to meet with their supervisors during the first week of the semester and create a research plan by week 3. Given the timeline of the semester and the need for efficient

time management of research activities, three weeks is sufficient time to develop a research plan in consultation with supervisors. Failure to meet with a supervisor and commence research activities by this deadline may significantly impact a student's performance. Additionally, some supervisors may refuse to accept students after week 3.

As stated in the Supervision Agreement Form:

- It is students' responsibility to arrange regular meetings with their supervisors and seek the supervisor's advice on the project progress regularly.
- Students must attend regular research meetings (weekly or fortnightly) on the project progress with the supervisor at an agreed time. After meeting, both student and supervisor need to sign on the Meeting Register (to be provided on vUWS). Failure to attend any meeting may lead to the termination of the supervision arrangement and a "Fail" grade in the subject.
- Student is required to record all project work, data and results in a notebook. The supervisor may require the project notebook to be handed in at an agreed time on the meeting day to facilitate later discussion.
- For communication, it's a common courtesy and professional practice for students to respond to the supervisor's emails in time.

Learning Sessions (self-arranged):

Students should ensure at least two-hour learning session each week to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.

Other activities:

e.g. program design, surveys, procurement of instrument, seminars associated with your project work. On-going research information is updated dynamically in vUWS for students' reference.

2.3 Contribution to Program Learning Outcomes

3698: Master of Information and Communications Technology (Advanced)

Program Learning Outcomes	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
1. Demonstrate advanced and coherent understanding of fundamental aspects of ICT, including established theories and recent developments from both local and international perspectives, as well as tools and techniques for research, developing, designing and maintaining technologies and methodologies.	Assured	Developed		Assured		
2. Justify solutions to complex problems generating creative ideas in general and specialised areas in ICT			Developed			
3. Communicate clearly and concisely, in a variety of formats, to diverse technical and non-technical audiences guided by the framework of professional and ethical practice		Developed		Developed		
4. Professionally collaborate with a range of specialists, non-specialists, stakeholders and team members in an effective manner critically reflecting on personal performance for continuous professional development	Assured				Developed	
5. Further develop knowledge and skills in specialised areas that are closely applicable to ICT profession	Developed					
6. Demonstrate, personal autonomy, accountability and well-developed judgement, in managing the self, the range of ICT products and services, and related research	Assured					Developed
7. Evaluate processes, products, methodologies, and tools for best practice and efficient business functions as part of planning and implementing solutions and in the diagnoses of problems						
8. Execute scholarly research demonstrating skills in the analysis and synthesis of complex information and in the capacity to develop new knowledge or innovations						

3735: Master of Data Science

Program Learning Outcomes	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6

Program Learning Outcomes	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
1. Apply Data Science methods to problems in various disciplines (e.g. Business, Science, Social Science, Engineering, Education and the Humanities).	Developed				Developed	
2. Conduct and manage the formulation of problems and the use of data ethically and responsibly.		Developed	Assured		Developed	
3. Design and conduct data gathering and analysis to provide information and advice that is reliable, valid, timely and relevant.		Developed	Developed	Developed		
4. Generate interpretive and predictive reports, working alongside professional colleagues in decision-making.			Developed			
5. Provide expert advice to professional colleagues on the validity and reliability of interpretations and predictions based on analysis of large complex data sets.				Developed		Assured

3765: Master of Artificial Intelligence

Program Learning Outcomes	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
1. Critique classical and modern machine learning approaches in addressing real problems.	Assured					
2. Communicate clearly and persuasively on the ethics and responsibility of AI technologies providing guidance to developers, designers, business leaders, amongst other stakeholders.	Developed	Developed				
3. Integrate foundational knowledge, general principles and methodologies of artificial intelligence (AI) in identifying appropriateness of AI technologies to address complex real world problems and applications.		Developed	Developed	Assured		
4. Evaluate opportunities for the use of modern AI technology in a range of contexts.		Developed	Developed	Developed		
5. Analyse the application of natural language understanding theory to practice considering different approaches and applications in real world domains.			Developed			
6. Collaborate with diverse teams and audiences in the design, development, implementation and evaluation of AI technologies incorporating human computer interactions.				Developed	Developed	Developed
7. Apply knowledge representation and reasoning in declarative problem solving and reasoning for complex domains.						Developed

3779: Master of Information Governance

Program Learning Outcomes	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
1. Demonstrate an advanced understanding of core and specialised concepts related to information governance, including established theories and recent developments with both local and international perspectives.	Developed				Developed	
2. Integrate theoretical and practical knowledge to critically analyse and solve complex legal and business problems, which can be inter-disciplinary in professional practice.		Developed	Assured		Developed	
3. Demonstrate a high level of personal autonomy and accountability, in acquisition and application of knowledge and skills and in problem solving in professional context.		Developed	Developed	Developed		
4. Have an advanced and integrated understanding of collaborative environments, recognise diversity in the local and international contexts of governance.			Developed			
5. Develop skills in scholarly research, planning and conducting research-based project and communicate effectively through discipline-appropriate written and visual materials to diverse audiences.				Developed		Assured

2.4 Assessment Summary

The assessment items in this Subject are designed to enable you to demonstrate that you have achieved the Subject learning outcomes. Completion and submission of all assessment items which have been designated as mandatory or compulsory is essential to receive a passing grade.

To pass this Subject you must:

Complete all the required items:

- attend the oral presentation session(s) and satisfactorily complete the oral presentation
- submit the progress report and the final report of professional standard by due dates
- achieve a minimum overall mark of 50%
- maintain a meeting register and/or meeting minutes for supervisor meetings

Item	Weight	Due Date	SLOs Assessed	Manda-tory	Threshold
Presentation	20%	Monday-Friday, 11-15 September 2023 (week 8)	1, 3, 5	No	No
Progress Report	20%	By 6:00pm AEST, Friday, 22 September 2023 (week 9)	1, 2, 3, 4, 5, 6	No	No
Final Report	60%	By 6:00pm AEST, Friday, 27 October 2023 (week 14)	1, 2, 3, 4, 5, 6	No	No

Feedback on Assessment

Feedback is an important part of the learning process that can improve your progress towards achieving the learning outcomes. Feedback is any written or spoken response made in relation to academic work such as an assessment task, a performance or product. It can be given to you by a teacher, an external assessor or student peer, and may be given individually or to a group of students. As a Western Sydney University student, it is your responsibility to seek out and act on feedback that is provided to you as a resource to further your learning.

Students are expected to submit a draft final report to the supervisors at the end of week 12 and seek feedback before submitting the final report. Feedback for the final report can be expected two (2) weeks after the due date.

2.5 Assessment Details

2.5.1 Presentation

Weight:	20%
Type of Collaboration:	Individual
Due:	Monday-Friday, 11-15 September 2023 (week 8)
Submission:	In-class presentation (15 minutes presentation followed by 5 minutes questions and answers session). Where if necessary, online (via Zoom or Blackboard Collaborate Ultra) or PowerPoint presentation with audio/video recording are also considered.
Format:	Structured abstract (.doc); PowerPoint slides or PPT presentation with audio/video recording.
Length:	20 minutes
Curriculum Mode:	Presentation

Students MUST attend the presentation day session if in-class presentations are held. An FNS grade (Fail Non-Submission) will be awarded to students who do not attend the oral presentation program without prior approval. Students are required to submit their presentation slides on vUWS by Friday, Week 7:

- Structured abstract (.doc).

- PowerPoint slides or PPT presentation with audio/video recording.

Presentations will be scheduled during week 10 and the final presentation date will be communicated via vUWS. Presentation schedules and venue will be published nearer to the event.

Each student is to present the project in front of their peers, supervisors and clients. Students are advised to work closely with their supervisors to develop presentations that reflect the key objectives, methodologies and outcomes of their projects. Twenty (20) minutes are assigned per project including 5-minutes of question and answer time. These presentations are designed to provide opportunities for getting feedback from peers, supervisors and clients.

The presentation mark will be awarded to each individual speaker. Absentees or non-participants will receive a mark of zero. Students must:

- Dress presentably;

- Be informed about the whole project, not just the section they have rehearsed to present;

- Make eye contact with parts of the audience at all times, not talking to the wall on which their presentation is projected;

- Be prepared to answer questions on any part of the project, not to deflect the question to another member in the first instance;

- Speak only for as long as the shared timing allows, to enable all members of the group to speak.

Resources:

Useful documents for preparing presentations e.g. PPT Tips and Presentation Tips are provided in vUWS.

Marking Criteria:

Criteria	High Distinction	Distinction	Credit	Pass	Unsatisfactory
Structure and Contents (6)	Project background, aims & objectives logically and visually succinctly presented. Visually enhanced with the use of original ideas, illustrations or graphics that broaden the understanding of the topic. Correct citing of all sources.	Project background, aims & objectives logically and visually thoroughly presented. Visually enhanced with the use of original ideas, illustrations or graphics that broaden the understanding of the topic. Correct citing of all sources.	Project background, aims & objectives reasonably logically and visually presented. Some visual enhancement with the use of illustrations or graphics that broaden the understanding of the topic. Generally correct citing of all sources.	Project background, aims & objectives logically presented to some extent. Reasonably visually consistent, readable and clear. Incomplete citing of sources.	Project background, aims & objectives not presented and/or not visually consistent, readable, brief, clear and to the point and/or not all sources cited correctly.
Project Progress (8)	Methodology, discussion of results, suggestions for future work are presented clearly and logically. Insightful explanations and Concise transition between points.	Methodology, discussion of results, suggestions for future work are presented clearly and logically. Comprehensive explanations and concise transition between points.	Generally, clear and to the point. Mostly logically sequenced with comprehensive explanations.	Some lack of clarity and not always to the point. Reasonably logically sequenced.	Not clear and to the point and/or logically sequenced.
Presentation: Clarity of speech and demeanour (4)	Audible and very clear, excellent eye contact with the audience, fully engaged with the audience. Keeping to the time limit.	Audible and mostly clear, good eye contact with the audience, engaged with the audience. Almost keeping to the time limit.	Generally audible and mostly clear, good eye contact with the audience, reasonable engagement with the audience. Almost keeping to the time limit.	Some problems with the audibility clarity, limited eye contact and engagement with the audience. Not really keeping to the time limit.	Difficult to hear, avoided eye contact with the audience, disengaged. Does not keep to the time limit.
Independence from notes and reading from the screen, Q&A (2)	No reliance on reading from notes/cue cards/PowerPoint slides.	Minimal dependence on reading from notes/cue card/PowerPoint slides.	Some dependence on reading from notes/cue card/PowerPoint slides.	Significant dependence on reading notes /cue cards/PowerPoint slides.	Heavy dependence on reading from notes/cue cards/PowerPoint slides.

2.5.2 Progress Report

Weight:	20%
Type of Collaboration:	Individual
Due:	By 6:00pm AEST, Friday, 22 September 2023 (week 9)
Submission:	via vUWS and submit to the project supervisor
Format:	The report should follow a standard report format using Harvard WesternSydU Referencing Style. The students may use a different referencing style in consultation with the project supervisors.
Length:	1,500 - 2,500 words (includes figures, formulas, tables)
Curriculum Mode:	Report

The progress report provides an overview of the project. Great care and thought should be given to this report, as it will determine the thrust of your project and allow you to get started with your work at the top of INFO7016 PPA.

The progress report comprises the problem statement to outline succinctly the nature of the project, objectives and aims of the project, and the major project components in the form of tasks to be performed in your project.
The progress report also comprises the research procedure for your project, which may include the structure of the project work, the methods/tools to be used in this project, a timeline of the project by which the project milestones (e.g. case studies, project evaluation) will be reached.

A brief bibliography that may be annotated. This will enable your supervisor to form an opinion of the quality of the sources available to you for your work.

Marking Criteria:

Criteria	High Distinction	Distinction	Credit	Pass	Unsatisfactory
Problem statement (5 marks)	Highly clear and concise presentation of the nature of the project, objectives and aims of the project, and the major project components.	Well-presented the nature of the project, objectives and aims of the project, and the major project components.	Satisfactory presentation of the nature of the project, objectives and aims of the project, and the major project components.	Confusing statement of the nature of the project, objectives and aims of the project, and the major project components.	Inappropriate presentation of the nature of the project, no or unclear objectives and aims of the project, missing major project components.
Research procedure (15 marks)	Great care and thought given to the structure of the project work, the methods/tools to be used, a timeline by which the project milestones. Brief bibliography correctly annotated to form an opinion of the quality sources.	Well-structured project work, well-explained methods/tools to be used, with a timeline by which the project milestones. Brief bibliography correctly annotated to form an opinion of the quality sources.	Satisfactory structure of the project work, generally well-explained methods/tools to be used, with a timeline of the project. Brief bibliography generally collect to form an opinion of the quality sources.	Confusing structure of the project work, broadly explained methods/tools to be used, with a rough timeline of the project. Patchy bibliography.	Poor structure of the project work, little explanation on methods to be used, no or inappropriate timeline. No or inappropriate bibliography.

2.5.3 Final Report

Weight:	60%
Type of Collaboration:	Individual
Due:	By 6:00pm AEST, Friday, 27 October 2023 (week 14)
Submission:	Turnitin via vUWS and submit to the project supervisor
Format:	The report is organised following a standard research reporting format (Cover page, Abstract, Table of Content [List of Figures, Tables, and Abbreviations if appropriate], Introduction and motivation, Literature Review, Methods, Results, Analysis, Conclusions, References, Appendix (when necessary)). The recommended referencing style is Harvard WesternSydU Referencing Style. Students may use a different referencing style in consultation with the project supervisors.
Length:	7,500 to 15,000 words (includes figures, formulas, tables)
Curriculum Mode:	Report

The final report is to present, in your own words, the research undertaken during INFO7017 Postgraduate Project B. The report may incorporate contents from the progress report for Postgraduate Project B and the report completed in INFO7016 Postgraduate Project A with the research results and analysis obtained from the current study. It is to assess your ability to express the findings in a professional way at a high standard. Students need to demonstrate skills in writing technical documents and presenting research results.

Please refer to the Report Template for INFO7017 Postgraduate Project B on vUWS for the format and requirements of the final report. The final report should contain the following Sections: Cover Page, Abstract, Table of Contents, Introduction, Aims and Objectives, Literature Review, Methodology, Research Results and Discussion, Conclusions and/or Recommendations, References, Appendix (if necessary).

*There is one more option for the report writing. With the project research, if a **Springer style conference paper** (~16 pages) has been drafted out, submission of the research paper as the final report is also acceptable. This would encourage students to be more careful and selective with the report writing.*

Resources:

Report template and sample report are provided in vUWS.

Marking Criteria:

Criteria	High Distinction	Distinction	Credit	Pass	Unsatisfactory
Structure and clarity of writing (7 marks)	Clear and logical presentation, articulate prose, interesting to read.	In general, well-structured and well written.	Satisfactory structure to report, prose conveys information successfully, occasionally confusing.	Poorly structured, confusing prose, information can be extracted with perseverance.	Little or no logical structure, poor sentence construction, difficult to extract information.
Literature review (8 marks)	Excellent review, concise critical review, set into the context of the project, identifying gaps in knowledge.	A good, concise review of relevant papers, some critical appraisal, set into the context of the project.	Satisfactory review, concise review of relevant papers, limited critical appraisal.	Patchy review, an overview of a few relevant papers with no critical appraisal.	Little or no evidence of a literature review.
Methodology, Results and analysis (30 marks)	A creative and highly appropriate methodology is clearly articulated and justified.

Excellent results, achieved more demanding project aims and advanced beyond these.

Excellent analysis, evidence of original contribution to or development in the field. | The methodology is well-argued and justified.

Commendable results, achieved basic and most of more demanding project aims.

Commendable analysis, able to set conclusions in the context of current understanding in the field. | The methodology is explained and appropriate for the project.

Satisfactory results, achieved most of the basic project aims.

Satisfactory analysis, reliable conclusions. | An appropriate methodology is broadly outlined, but the details are not always clear.

Patchy results, achieved some of the basic project aims.

Patchy analysis, questionable reliability. | The methodology is either not appropriate for the project or is poorly articulated suggesting deficits in understanding.

Little or no results, did not meet basic project aims.

Little or no analysis of data. |
| Conclusions and/or recommendations (7 marks) | Clear presentation of fully justified findings.

Logical conclusions based on research evidence.

Critical competence. | Logical conclusion predominantly based on evidence.

Evidence of critical evaluation.

Results linked consistently to objectives. | Clear presentation of conclusions related to evidence.

Results mostly linked to the objectives of the study. | Relatively deficient and unsupported conclusions - evidential or logical or both. | Conclusion not included and/or no recommendations. |
| Overall Presentation and References (8 marks) | With excellent proofread, grammatically correct with no typos.

The report visually appealing (white spaces, breaks and/or colours are appropriately selected).

All figures, graphs, charts, and drawings are accurate, properly labelled and cited.

Bibliography correctly annotated to form an opinion of the quality sources. | Well proofread, grammatically correct with no typos.

The report visually appealing.

All figures, graphs, charts, and drawings are accurate, properly labelled and cited.

Bibliography correctly annotated to form an opinion of the quality sources. | Satisfactory proofread, grammatically correct with little typos.

The report generally in a professional presentation.

Nearly all figures, graphs, charts, and drawings are accurate, properly labelled and cited.

Bibliography generally collect. | With appropriate proofread, grammatically correct but with some typos.

The report doesn't look professional.

Patchy bibliography. | With many grammatical errors and typos.

The report doesn't look professional at all.

No or inappropriate bibliography. |

2.6 General Submission Requirements

Submission

- All assignments must be submitted by the specified due date and time.
- Complete your assignment and follow the individual assessment item instructions on how to submit. You must keep a copy of all assignments submitted for marking.

Turnitin

- The Turnitin plagiarism prevention system may be used within this Subject. Turnitin is accessed via logging into vUWS for the Subject. If Turnitin is being used with this Subject, this means that your assignments have to be submitted through the Turnitin system. Turnitin is a web-based text-matching software that identifies and reports on similarities between documents. It is also widely utilised as a tool to improve academic writing skills. Turnitin compares electronically submitted papers against the following:
  - Current and archived web: Turnitin currently contains over 24 billion web pages including archived pages
  - Student papers: including Western Sydney University student submissions since 2007
  - Scholarly literature: Turnitin has partnered with leading content publishers, including library databases, text-book publishers, digital reference collections and subscription-based publications (e.g. Gale, Proquest, Emerald and Sage)
- Turnitin is used by over 30 universities in Australia and is increasingly seen as an industry standard. It is an important tool to assist students with their academic writing by promoting awareness of plagiarism. By submitting your work using this link you are certifying that:
  - You hold a copy of this submission if the original is lost or damaged.
  - No part of this submission has been copied from any other student's work or from any other source except where due acknowledgement is made in the submission.
  - No part of this submission has been submitted by you in another (previous or current) assessment, except where appropriately referenced, and with prior permission from the teacher/tutor/supervisor/Subject Coordinator for this subject.
  - No part of this submission has been written/produced for you by any other person except where collaboration has been authorised by the teacher/tutor/supervisor/Subject Coordinator concerned.
  - You are aware that this submission will be reproduced and submitted to plagiarism detection software programs for the purpose of detecting possible plagiarism (which may retain a copy on its database for future plagiarism checking).
  - You are aware that this submission may be de-identified and reproduced in part or in full as an example for future students.
  - You will not make this submission available to any other person unless required by the University.

Self-Plagiarising

- You are to ensure that no part of any submitted assignment for this Subject or product has been submitted by yourself in another (previous or current) assessment from any Subject, except where appropriately referenced, and with prior permission from the Lecturer/Tutor/Subject Coordinator of this Subject.

Late Submission

- If you submit a late assessment, without receiving approval for an extension of time, (see next item), you will be penalised by 10% per day for up to 10 days. In other words, marks equal to 10% of the assignment's weight will be deducted from the mark awarded.
- For example, if the highest mark possible is 50, 5 marks will be deducted from your awarded mark for each late day.
- Saturday and Sunday are counted as one calendar day each.
- Assessments will not be accepted after the marked assessment task has been returned to students.
- This is consistent with Western Sydney University's Assessment Policy

Extension of Due Date for Submission

A student may apply for an extension of the due date for an assessment task if extenuating circumstances outside their control, and sufficiently grave in nature or duration, cause significant disruption to their capacity to study effectively.

To apply for an extension of assessment, please go to https://www.westernsydney.edu.au/currentstudents/current_students/forms for guidance on how to lodge a request for consideration by the Subject Coordinator/Convenor. Extension requests can be lodged before, on or no later than 5.00pm two working days after the due date of the assessment task.

Application forms must be submitted to the Subject Coordinator/Convenor. Requests for extension should be made as early as possible and submitted within policy deadlines. Appropriate, supporting documentation must be submitted with the application. An application for an extension does not automatically mean that an extension will be granted. Assessments will not be accepted after the marked assessment task has been returned to students.

Resubmission

Resubmission of assessment items will not normally be granted if requested.

Disruption to Studies

It is strongly recommended that you attend all scheduled learning activities to support your learning. The University will provide students who have experienced a serious and unavoidable disruption to their studies a Disruption to Studies provision, which is an opportunity to demonstrate that you have met the learning outcomes for the subject. To be eligible for a Disruption to Studies Provision, the disruption must impact your studies for at least three consecutive days. More information, including how to apply for a Disruption to Studies, can be found on the University website https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/special_consideration

Supplementary Assessments

A student may be eligible to apply for a supplementary assessment after the official notification of final Subject results. Please see the Procedures Section of the WSU Assessment Policyfor details of eligibility and the application process.

3   Teaching and Learning Activities

Weeks	Workshop	Session	Instructions	Assessments Due
Week 1 24-07-2023	2-hour information session.		Weekly meeting the project supervisor.	
Week 2 31-07-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 3 07-08-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 4 14-08-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 5 21-08-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 6 28-08-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	

Weeks	Workshop	Session	Instructions	Assessments Due
Week 7 04-09-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor. Submission of the abstract and the presentation slides for Oral Presentation scheduled in week 8.	
Week 8 11-09-2023			Get ready with Oral Presentation scheduled in this week.	- Presentation
			On-campus oral presentations are initially scheduled during this week. If on-campus presentations are organised, the presentation schedules and venue will be published nearer to the event. As mentioned, online presentation or presentation with audio/video recording are also considered if necessary. The final presentation mode and submission details will be communicated in vUWS.	
Week 9 18-09-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Submission of the Progress Report.	- Progress Report
Week 10 25-09-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	

Weeks	Workshop	Session	Instructions	Assessments Due
Week 11 02-10-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 12 09-10-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor.	
Week 13 16-10-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor. Draft final report submission to the supervisor(s) for feedbacks.	
Week 14 23-10-2023		Self-arranged two-hour learning session to consult vUWS, complete weekly research activities for the research project as per the research plan, work on assessment tasks.	Weekly meeting the project supervisor. Submission of the Final Report.	- Final Report
Week 15 30-10-2023				
Week 16 06-11-2023				
Week 17 13-11-2023				

The above timetable should be used as a guide only, as it is subject to change. Students will be advised of any changes as they become known on the Subject's vUWS site.

4 Learning Resources

4.1 Recommended Readings

Additional Reading

Barnard, S., & St. James, D. (2012). *Listen, write, present : the elements for communicating science and technology.* Yale University Press.

Berger, A. A. (2008). *The academic writer's toolkit a user's manual.* Left Coast Press.

Bucchi, M., & Trench, B. (Eds.). (2008). *Handbook of public communication of science and technology.* Routledge.

Davies, J. W., & Dunn, I. K. (2011). *Communication skills a guide for engineering and applied science students* (3rd ed.). Prentice Hall.

Farquhar, J. D. (2012). *Case study research for business.* Sage publications.

Gastel, B., & Day, R. A. (2016). *How to write and publish a scientific paper* (8th ed.). Greenwood.

Gillham, B. (2010). *Case Study Research Methods* (1st ed.). Bloomsbury Publishing.

Katz, M. J. (2009). *From research to manuscript: a guide to scientific writing.* Springer.

Merriam, S. B., & Tisdell, E. J. (2016). *Qualitative research : a guide to design and implementation* (4th ed.). Jossey-Bass.

Mills, A. J., Durepos, G., & Wiebe, E. (Eds.). (2010). *Encyclopedia of case study research.* London : SAGE.

Patience, G. S., Boffito, D. C., & Patience, P. A. (2015). *Communicate science papers, presentations, and posters effectively.* Academic Press.

Reeves, C. (2005). *The language of science.* Routledge.

Speight, J. G. (2012). *Clear and concise communications for scientists and engineers.* CRC Press.

Theobald, T. (2016). *Develop Your Presentation Skills* (3rd ed.). Kogan Page.

Walliman, N. (2018). *Research methods : the basics* (2nd ed.). Routledge.

Yin, R. K. (2016). *Qualitative research from start to finish* (2nd ed.). Guilford Press.