

Unit of Study Guide: PRJ6001 Applied Project

Trimester 3, 2023

Overview

PRJ6001 Applied Project requires students to work independently or as a team but reporting independently, to create a solution to a complex real-world, industry-relevant project needing an innovative solution. Students will either continue working on their identified business problem in their proposal from the PRJ5106 unit or on a new proposal that they will need to have it completed before enrolling in this unit or in the first week of the Unit. Students will integrate and synthesise knowledge by applying and extending the technical and professional skills acquired through their course. Students carry out a project that requires them to identify, refine and clarify an applied problem, justify an approach to addressing the problem, implement a project to solve the problem and evaluate outcomes. Students are required to utilize appropriate design and development strategies, adopting appropriate methodologies and best practices to develop a unique product, service, or solution. The project output may be a report, model, or an artefact.

Course(s)	Master of Project Management and Business
Core or Elective	Core: Master of Project Management and Business
Credit Points	8 credit points
Duration	12 weeks (10 teaching weeks; 1 study week; 1 final assessment week)
Level	Postgraduate Advanced
Student Workload	Students should expect to spend approximately 13 hours per week over 12 weeks (totalling approximately 150 hours) on learning activities for this unit.
Essential Requirements	Microsoft Excel
Mode(s) of Delivery	On campus, online, blended
Pre-Requisites	PRJ5003 Project Constraint Management and PRJ5106 Research Methods and Data Analysis.
Unit Coordinator	Dr M. Ashiqur Rahman
Contact Information	✉: mohammad.rahman@apiccollege.edu.au ☎: 02 8319 2100 Consultation: Any time by approval of the Unit Coordinator.

Unit Learning Outcomes

On successful completion of this units, students will be able to:

- ULO1 Select and apply an appropriate approach to identify, refine and clarify the problem.
- ULO2 Formulate a solution for the identified project, business problem, or research question.
- ULO3 Employ deliberate persuasive strategies to critique other researchers' work.
- ULO4 Communicate the rationale, design, implementation, analysis and dissemination of the impacts of the solution to both specialists and non-specialists through appropriate presentations and reports.

Weekly Schedule

Detailed information for each week's activities can be found in the unit's weekly modules in Canvas.

Week	Topic
Week 1	Project/Problem Identification (Reflection and Preflection): Research Gap; Research Question; Feasibility; Research Objectives
Week 2	Locating the problem and compiling the evidence; Internal and external sources; Providing evidence particularly research databases; Selecting a model and finding the best evidence
Week 3	Conceptual frameworks Design solution; Developing a conceptual; Selection of an appropriate research design to match the conceptual framework
Week 4	Implementation Phase (Preflection, updates/advice, reporting, Research Proposal): Identifying different types of secondary data; Search for secondary data meeting the research objectives
Week 5	Implementation Phase (Preflection, updates/advice, reporting, Project Implementation) Preflection: Review project plan and objectives; Updates/Advice; Reporting and document progress; Project Implementation
Week 6	Model and Solution Testing: Test Planning: Define the testing objectives and scope; Test Design; Test Execution; Regression Testing; Test Completion and Reporting; Evaluate the overall testing process and completion criteria
Week 7	Data analysis and interpretation Data Cleaning; Data Exploration; Descriptive Statistics; Data Visualization; Statistical Analysis; Hypothesis Testing; Predictive Modeling; Interpretation; Communicate Findings
Week 8	Presentation of results: Clear Structure: Visualizations: Key Findings; Contextualize Results; Use Non-Technical Language; Storytelling; Focus on the Audience; Use Supporting Evidence; Provide Recommendations. Engage and interact
Week 9	Report Generation – Planning and Structure; Outline the Structure; Introduction; Methodology; Findings and Analysis; Discussion; Conclusion; Recommendations; References and Citations
Week 10	Report Generation – Process, Review and Milestones Process Planning: Define the timeline and milestones for report generation; Data Review and Analysis; Report Drafting and Review; Milestones and Progress Tracking; Finalization and Approval
Week 11	Revision Week
Week 12	Final Assessment Due

Assessments






1. All assessments are compulsory.
2. To pass the unit students must:
 - achieve a total of 50% or more of marks offered; and
 - pass all individual invigilated assessments; and
 - have attempted all assessments.

Where one or more of these requirements are not met, the Board of Examiners will consider a student's overall progress towards meeting the unit learning outcomes and any special circumstances before reaching a decision.

3. The Board of Examiners may grant a supplementary assessment where a student:
 - achieves a total of 45% or more; and
 - has passed all individual invigilated assessments in the unit; and
 - has attempted all assessments; and
 - has a recommendation for supplementary assessment by the Unit Coordinator and the Head of Discipline

Where one or more of these requirements are not met, the Board of Examiners will consider a student's overall progress towards meeting the unit learning outcomes and any special circumstances before reaching a decision. Attendance and engagement in class will be considered.

4. APIC awards common result grades as set out in the [Award of Grade Policy](#).
5. Detailed information for each assessment can be found on the Unit's Home Page and in the Assessment Brief.

Assessment Task	Type	Weight	Length	Due	ULOs Assessed
Assessment 1: Project Brief Report outlining what research project could be carried out and how the project could be analysed and evaluated to address the project or business goal/problem.	Individual 	15%	1000 words	Week 4	ULO1 ULO2
Assessment 2: Critical Review of Literature Synthesis of the current literature including comparison of various authors' views and identification of research gaps, highlighting the critical analysis of previous research.	Individual 	25%	1500 words	Week 7	ULO1 ULO2
Assessment 3: Oral Presentation/Viva Students present their final report, model, or artefact of the research study, with a particular focus on the outcomes and recommendations.	Individual  Invigilated 	20%	10 min. (equiv. 900 words)	Week 10	ULO1 ULO2 ULO3 ULO4
Assessment 4: Submission of Report/Artefact Students prepare a final report, model, or artefact of the research study with a particular focus on the outcomes and recommendations.	Individual 	40%	3500 words	Week 12	ULO1 ULO2 ULO3 ULO4

Course Reserves

Course Reserve includes all required resources and reading material for the unit of study. You can access Course Reserve via [APIC Library](#) or via the Course Reserve link on the unit's homepage.

Prescribed text(s):

Saunders, M, Lewis, P, & Thornhill, A, 2019, *Research Methods for Business Students*, Pearson Education, Limited, Harlow.

Recommended Readings:

- Badiru, AB, 2022, *Project Management for Scholarly Researchers: Systems, Innovation, and Technologies*, Taylor & Francis Group, Milton, doi: 10.1201/9781003212911.
- Ewart, J & Ames, K, 2020, *Managing Your Academic Research Project*, Springer Singapore Pte. Limited, Singapore, doi: 10.1007/978-981-15-9192-1.
- Fisch, C & Block, J, 2018, 'Six tips for your (systematic) literature review in business and management research', *Management Review Quarterly*, vol. 68, no. 2, pp. 103–106, doi: 10.1007/s11301-018-0142-x.
- Moreno-Monsalve, NA, Diez-Silva, HM, Diaz-Piraquive, FN, & Perez-Urbe, RI, 2020, *Handbook of Research on Project Management Strategies and Tools for Organizational Success*, IGI Global, Hershey.
- Paul, J & Criado, AR, 2020, 'The art of writing literature review: What do we know and what do we need to know?', *International Business Review*, vol. 29, no. 4, p. 101717–, doi: 10.1016/j.ibusrev.2020.101717.
- Xiao, Y & Watson, M, 2019, 'Guidance on Conducting a Systematic Literature Review', *Journal of Planning Education and Research*, vol. 39, no. 1, pp. 93–112, doi: 10.1177/0739456X17723971.

Other Recommended Resources:

Project Management Journal: <https://journals.sagepub.com/home/pmx>

Harvard Business Review: www.hbr.com

Project Smart: <http://www.projectsmaart.com/>

Project Management Institute: <https://www.pmi.org/>

Australian Institute of Project Management: <https://aipm.com.au/>

Academic Integrity

Ethical conduct and academic integrity and honesty are fundamental to the mission of APIC and academic misconduct will not be tolerated by the College. It is the responsibility of every student to make sure that they understand what constitutes academic misconduct and to refrain from engaging in it. Please refer to APIC's [Academic Integrity Policy](#) for further details.

Use of Artificial Intelligence (AI) for all assessments in this Unit

Students are allowed to employ ChatGPT or other AI tools for study purposes, gaining knowledge about your topic, and aiding in the development of their assignment. However, it is crucial that the students include a transparent declaration of all generative AI tools utilised along with a description of how and where they have utilised them (for example, "I acknowledge the use of ChatGPT to create content to plan and brainstorm ideas for my assessment. The prompts used were entered on 18 March 2023.").

Other Important Information and Links

<p>Special consideration</p> <p>If your academic work is impacted by significant documented illness, hardship, or other adverse circumstances beyond your control, you may make an application for Special Consideration. Please refer to the Assessment Policy for further details.</p>	<p>Late submission</p> <p>Penalties apply when work is submitted after the due date without approval. Please refer to the Assessment Policy for information about late submission.</p>
<p>Assessment appeals</p> <p>If you are concerned about a mark you have received for an assessment or final grade, you may apply to formally appeal the grade. Please see the Assessment Policy for further details.</p>	<p>Award of grades</p> <p>APIC awards common result grades, set out in the Award of Grade Policy.</p>
<p>Expectations of student conduct</p> <p>Students are expected to conduct themselves in a manner that is consistent with a safe and respectful study environment. More information can be found in the Student Code of Conduct.</p>	<p>Study resources</p> <p>APIC Library and Student Learning Support resources and services can be accessed via the Student Lounge or your Dashboard on the OLS (Canvas).</p>
<p>Student Services</p> <p>The Student Services team provides administrative support for students and handles enquiries about enrolment, timetables, important dates and submitting forms. More information can be found on the Student Services page on the OLS (Canvas).</p>	<p>Key dates</p> <p>Key dates through the academic year, including teaching periods, census, payment deadlines and exams can be found on the Academic Calendar section of the APIC website.</p>

Changes and Updates to the Unit of Study Guide

This Unit of Study Guide may be updated and amended from time to time. Students will be notified of any changes to the unit via the Online Learning System (Canvas) space for the unit.

This Unit of Study Guide was last updated on 21/09/2023.