Unit of Study Guide: ICT6001 Applied Project

# Overview

ICT6001 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.

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| **Course** | Master of Information Technology |
| **Credit Points** | 8 credit points |
| **Duration** | 12 weeks (10 teaching weeks; 1 revision 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 156 hours) on learning activities for this unit. |
| **Mode(s) of Delivery** | On campus, Blended |
| **Pre-Requisites** | 48 Credit points plus ICT5201 Research Methods and Data Analysis and ICT5250 Computer Networks and Security |
| **Unit Coordinator** | As per current [timetable](https://apicollege.edu.au/current-students/timetables/) |
| **Contact Information** | Consultation: 1 hour scheduled session |

# 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.

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| **Week** | **Topic** |
| Week 1 | Project/Problem Identification (Reflection and Preflection) |
| Week 2 | Locating the problem and compiling the evidence |
| Week 3 | Conceptual frameworks Design solution |
| Week 4 | Implementation Phase (Preflection, updates/advice, reporting, Research Proposal) |
| Week 5 | Implementation Phase (Preflection, updates/advice, reporting, Project  Implementation) |
| Week 6 | Model and Solution Testing |
| Week 7 | Data analysis and interpretation |
| Week 8 | Presentation of results |
| Week 9 | Report Generation – Planning and Structure |
| Week 10 | Report Generation – Process, Review and Milestones |
| Week 11 | STUDY 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.

1. 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.

1. APIC awards common result grades as set out in the Award of Grade Policy.
2. Detailed information for each assessment can be found on the Unit’s Home Page and in the Assessment Brief.

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| **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  P131C14T3#yIS1 | 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  See the source image | 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. N. K., Lewis, P., Thornhill, A. (2019). Research methods for business students, 8th Edition, Pearson, New York.

## Recommended Readings:

TBA

## Other Recommended Resources:

TBA

# 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.

# Other Important Information and Links

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| **Special consideration**  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. | **Late submission**  Penalties apply when work is submitted after the due date without approval. Please refer to the Assessment Policy for information about late submission. |

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| **Assessment appeals**  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. | **Award of grades**  APIC awards common result grades, set out in the Award of Grade Policy. |
| **Expectations of student conduct**  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. | **Study resources**  APIC Library and Student Learning Support resources and services can be accessed via the Student Lounge or your Dashboard on the OLS (Canvas). |
| **Student Services**  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). | **Key dates**  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. |

**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 modified on 19/04/2023