Prof Prac 2
COMP8260

07345 - Research School of Computer Science - ANU College of Engineering and Computer Science

COURSE TOPIC

CLASS NUMBER 3145	**TERM** First Semester, 2020	**CLASS SECTION** 1	**CLASS AVAILABILITY** Active	**MODE OF DELIVERY** In Person
CLASS START DATE 24/02/2020	**CLASS END DATE** 29/05/2020	**CENSUS DATE** 31/03/2020	**LAST DATE TO ENROL** 02/03/2020	**STUDENT SPECIFIC PERMISSIONS** No
ENROLLED STUDENTS 33	**ENROLMENT LIMIT** 999	**IS CONSENT REQUIRED TO ENROL?** No		**IS CONSENT REQUIRED TO DROP?** No
MINIMUM UNITS 6	**MAXIMUM UNITS** 6			

PROPOSER NAME: Dartha Kathirgamarajah	**PROPOSED DATE:** 18/10/2019	**APPROVED DATE:**

Course Information

PHOTO P

COURSE CONVENER P *

UID	Name	Email	Phone
u4563363	Dr William Grant	u4563363@anu.edu.au	6125 0241

STUDENT CONSULTATION DAYS AND HOURS P

DAYS OR BY APPOINTMENT	HOURS (FROM) E.G. 15:00 OR BY APPOINTMENT	HOURS (TO) E.G. 16:00
1 By appointment		

COURSE CONVENER - RESEARCH INTERESTS P

Will's current research interests include a focus on the relationship between science and public policy, an investigation of science communication in social media, and an examination of the spatial practices in modern science communication.

ADMINISTRATIVE CONTACT P *

UID	Name	Email	Phone
u4046278	Mrs Birgit Bea Hogan	bea.hogan@anu.edu.au	6125 0498

ADD LECTURERS, TUTORS OR DEMONSTRATORS BELOW P *

	ROLE	UID	NAME	PHONE	EMAIL	STUDENT CONSULTATION DAY	HOURS (FROM) E.G. 15:00	HOURS (TO) E.G. 16:00
1	Academic Coordinator		Dr Emmaline Lear	61251073	emmaline.lear@anu.edu.au	By appointment	Thursday	Friday
2	Assistant Coordinator		Ankita Gagrani	61251073	ankita.gagrani@anu.edu.au	By appointment	Monday	Wednesday
3	Facilitator		Wayne Chen		wayne.chen@anu.edu.au	By appointment		
4	Facilitator		Siddharth Iyer		siddharth.iyer@anu.edu.au	By appointment		

| 5 | Facilitator | Mansoor Ali Halari | mansoorali.halari@anu.edu.au | By appointment |
| 6 | Facilitator | Rufus Raja | rufus.raja@anu.edu.au | By appointment |

TUTORIAL REGISTRATION P

Enrol in a tutorial on Wattle from Week 2

SUPPORT FOR STUDENTS P ✱

The University offers students support through several different services. You may contact the services listed below directly or seek advice from your Course Convener, Student Administrators, or your College and Course representatives (if applicable).
- ANU Health, safety & wellbeing for medical services, counselling, mental health and spiritual support
- ANU Diversity and inclusion for students with a disability or ongoing or chronic illness
- ANU Dean of Students for confidential, impartial advice and help to resolve problems between students and the academic or administrative areas of the University
- ANU Academic Skills and Learning Centre supports you make your own decisions about how you learn and manage your workload.
- ANU Counselling Centre promotes, supports and enhances mental health and wellbeing within the University student community.
- ANUSA supports and represents undergraduate and ANU College students
- PARSA supports and represents postgraduate and research students

Class Overview ▲

CLASS STRUCTURE AND CONTENT P ✱

	WEEK/SESSION NUMBER	SUMMARY OF ACTIVITIES	ASSESSMENT AND OTHER INFORMATION
1	1	Thinking about design	Weekly Lessons start
2	2	Scoping the project	
3	3	Researching user needs	Professional Project Task A
4	4	Empathising with the user	
5	5	Reframing the problem	Professional Project Task B Audit 1
6	6	Synthesising user needs	
7		Teaching Break	
8	7	Project audit	
9	8	Ideating solutions	Professional Project Task B Audit 2
10	9	Iterating solutions through feedback	
11	10	Communicating project outcomes	
12	11	Evaluating professional practice	Professional Project Task B Audit 3
13	12	Project showcase	
14		Examination Period	Final examination

RESEARCH-LED TEACHING P

This course allows students to develop preliminary research skills (such as qualitative and quantitative research skills, academic integrity and using sources) and professional skills using a research based analytical framework. The course introduces students to scholarly research and case studies that exemplify professional practice, and demonstrates ways in which evidence-based strategies can be developed to improve independent research and professional skills in line with industry requirements.
This semester, students will be invited to participate in two research projects: the first aims to help students develop professional skills and facilitate innovative solutions through the identification and application of creative problem solving approaches (e.g. Design Thinking, Business Model Canvas, Lego Serious Play); the second aims to develop computational tools for university students (in particular, those with English as a second language) to help them read and understand academic content. Participation in the research projects is entirely voluntary. More information about the projects is available on the course Wattle site.

FIELD TRIPS IF RELEVANT P

ADDITIONAL CLASS COSTS P

REQUIRED RESOURCES P

Engineers Australia (EA) Stage 1 Competency Standard - Professional Engineer
EA Code of Ethics
Australian Computer Society
SFIA 7
ACS Code of Professional Conduct

RECOMMENDED RESOURCES P

Engineering Management Journal
Journal of Responsible Innovation
International Journal of Management Science and Engineering Management

EXAMINATION MATERIAL OR EQUIPMENT P

Online exam - open book

Assessment Tasks ▲

	TASK NUMBER	VALUE (%)	DUE DATE (YYYY-MM-DD) OR BLANK	RETURN OF ASSESSMENT DATE (YYYY-MM-DD) OR BLANK	LINKED LEARNING OUTCOMES
1	1	10	Week 1-10	Fridays 11:00am	1,2
2	2A	10	13/5/2020	27/5/2020	1,2
3	2B	50	Week 5, 8, 11	Week 7, 10, Exam period	1,2,3,4
4	3	30	Examination period	n/a	1,2

ASSESSMENT TASK # P *

Assessment Task 1

Name of Assessment Task:

Weekly Lessons

Details of Task:

See Assessment Guide on PP2 Wattle site for assessment details.

Assessment Task 2

Name of Assessment Task:

Professional Project

Details of Task:

See Assessment Guide on PP2 Wattle site for assessment details.

Assessment Task 3

Name of Assessment Task:

Final Examination

Details of Task:

See Assessment Guide on PP2 Wattle site for assessment details.

PARTICIPATION P

It is expected that PP2 students will attend all guest lectures and seminars during the semester. Please notify the academic coordinator team or facilitators in advance if you cannot attend a scheduled session.

EXAMINATION(S) P

The final examination will be held during the examination period (4-20 June 2020). The examination will cover content from the course lessons, seminars and guest lectures. Further information regarding the final examination will be posted on the Wattle course site in advance.

Assignment Submission ▲

ASSESSMENT REQUIREMENTS P *

The ANU is using Turnitin to enhance student citation and referencing techniques, and to assess assignment submissions as a component of the University's approach to managing Academic Integrity. For additional information regarding Turnitin please visit the [ANU Online website](#) Students may choose not to submit assessment items through Turnitin. In this instance you will be required to submit, alongside the assessment item itself, hard copies of all references included in the assessment item.

ONLINE SUBMISSION P *

The ANU uses Turnitin to enhance student citation and referencing techniques, and to assess assignment submissions as a component of the University's approach to managing Academic Integrity. While the use of Turnitin is not mandatory, the ANU highly recommends Turnitin is used by both teaching staff and students. For additional information regarding Turnitin please visit the ANU Online website.

HARDCOPY SUBMISSION P *

For some forms of assessment (hand written assignments, art works, laboratory notes, etc.) hard copy submission is appropriate when approved by the Associate Dean (Education). Hard copy submissions must utilise the Assignment Cover Sheet. Please keep a copy of tasks completed for your records.

EXTENSIONS AND PENALTIES P *

Extensions and late submission of assessment pieces are covered by the Student Assessment (Coursework) [Policy](#) and [Procedure](#) The Course Convener may grant extensions for assessment pieces that are not examinations or take-home examinations. If you need an extension, you must request an extension in writing on or before the due date. If you have documented and appropriate medical evidence that demonstrates you were not able to request an extension on or before the due date, you may be able to request it after the due date.

LATE SUBMISSION P *

No submission of assessment tasks without an extension after the due date will be permitted. If an assessment task is not submitted by the due date, a mark of 0 will be awarded.

RETURNING ASSIGNMENTS P

Annotated and graded submissions will be returned via Wattle.

RESUBMISSION OF ASSIGNMENTS P
Resubmission of assignments is not permitted in this course.

Related Policies and Other Information ▲

EDUCATIONAL POLICIES P ✱
ANU has educational policies, procedures and guidelines, which are designed to ensure that staff and students are aware of the University's academic standards, and implement them. Students are expected to have read the Academic Misconduct Rule before the commencement of their course. Other key policies and guidelines include:
- Student Assessment (Coursework) Policy and Procedure
- Special Assessment Consideration Policy and General Information
- Student Surveys and Evaluations
- Deferred Examinations
- Student Complaint Resolution Policy and Procedure

MARK MODERATION P ✱
Marks that are allocated during Semester are to be considered provisional until formalised by the College examiners meeting at the end of each Semester. If appropriate, some moderation of marks might be applied prior to final results being released.

REFERENCING REQUIREMENTS P ✱
Accepted academic practice for referencing sources that you use in presentations can be found via the links on the Wattle site, under the file named "ANU and College Policies, Program Information, Student Support Services and Assessment". Alternatively, you can seek help through the Students Learning Development website.

DISTRIBUTION OF GRADES P ✱
Academic Quality Assurance Committee monitors the performance of students, including attrition, further study and employment rates and grade distribution, and College reports on quality assurance processes for assessment activities, including alignment with national and international disciplinary and interdisciplinary standards, as well as qualification type learning outcomes. Since first semester 1994, ANU uses a grading scale for all courses. This grading scale is used by all academic areas of the University.

PRIVACY NOTICE P ✱
The ANU has made a number of third party, online, databases available for students to use. Use of each online database is conditional on student end users first agreeing to the database licensor's terms of service and/or privacy policy. Students should read these carefully. In some cases student end users will be required to register an account with the database licensor and submit personal information, including their: first name; last name; ANU email address; and other information. In cases where student end users are asked to submit 'content' to a database, such as an assignment or short answers, the database licensor may only use the student's 'content' in accordance with the terms of service — including any (copyright) licence the student grants to the database licensor. Any personal information or content a student submits may be stored by the licensor, potentially offshore, and will be used to process the database service in accordance with the licensors terms of service and/or privacy policy. If any student chooses not to agree to the database licensor's terms of service or privacy policy, the student will not be able to access and use the database. In these circumstances students should contact their lecturer to enquire about alternative arrangements that are available.

ACADEMIC INTEGRITY P ✱
Academic integrity is a core part of our culture as a community of scholars. At its heart, academic integrity is about behaving ethically. This means that all members of the community commit to honest and responsible scholarly practice and to upholding these values with respect and fairness. The Australian National University commits to embedding the values of academic integrity in our teaching and learning. We ensure that all members of our community understand how to engage in academic work in ways that are consistent with, and actively support academic integrity. The ANU expects staff and students to uphold high standards of academic integrity and act ethically and honestly, to ensure the quality and value of the qualification that you will graduate with. The University has policies and procedures in place to promote academic integrity and manage academic misconduct. Visit the following Academic honesty & plagiarism website for more information about academic integrity and what the ANU considers academic misconduct. The ANU offers a number of services to assist students with their assignments, examinations, and other learning activities. The Academic Skills and Learning Centre offers a number of workshops and seminars that you may find useful for your studies.

OTHER INFORMATION TO BE PUBLISHED ON P&C P
A client may request assignment of project IP (Intellectual Property), and an undertaking not to disclose confidential information as part of participating in the Professional Project assignment. This is usually disclosed at the start of the project. We prefer you to use the ANU's Preferred Agreement. You should seek your own independent legal advice **before signing** any agreement. To help your decision in signing, you can visit the Australian National University Students Association (ANUSA) lawyer for free legal advice. If you do not want to sign the document, alternative assignment tasks can be arranged for you, including equivalent weighting and requirements. Please contact the lecturer before or at the beginning of the course to discuss this.

OTHER INFORMATION THAT WILL NOT BE PUBLISHED
Aggregated assessment tasks mean no dates are given in the assessment table. EL 27/11/18
Weekly assessment now separated in the assessment overview. Emmaline Lear 14/12/2018

Feedback ▲

STAFF FEEDBACK TO STUDENTS P ✱
Assignments submitted by the deadline will be marked and returned, together with constructive feedback on their performance on assessment tasks, normally within three weeks of the deadline. Students will be given feedback in the following forms:
- Written comments.
- Verbal comments.
- Feedback to the whole class, to groups, to individuals.

STUDENT FEEDBACK P ✱
ANU is committed to the demonstration of educational excellence and regularly seeks feedback from students. Students are encouraged to offer feedback directly to their Course Convener or through their College and Course representatives (if applicable). The feedback given in these surveys is anonymous and provides the Colleges, University Education Committee and Academic Board with opportunities to recognise excellent teaching, and opportunities for improvement. The Surveys and Evaluation website provides more information on student surveys at ANU and reports on the feedback provided on ANU courses.