Prof Prac 1

COMP6250

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

COURSE TOPIC

CLASS NUMBER	TERM	CLASS SECTION	CLASS AVAILABILITY	MODE OF DELIVERY
3144	First Semester, 2020	1	Active	In Person
CLASS START DATE	CLASS END DATE	CENSUS DATE	LAST DATE TO ENROL	STUDENT SPECIFIC PERMISSIONS
24/02/2020	29/05/2020	31/03/2020	02/03/2020	No
ENROLLED STUDENTS	ENROLMENT LIMIT	IS CONSENT REQUIRED TO ENROL?		IS CONSENT REQUIRED TO DROP?
37	999	No		No

MINIMUM UNITS MAXIMUM UNITS

6

PROPOSER NAME: PROPOSED DATE: APPROVED DATE:

Dartha Kathirgamarajah 18/10/2019

Course Information

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COURSE CONVENER * UID u4563363

Name Dr William Grant Email u4563363@anu.edu.au

Phone 6125 0241

STUDENT CONSULTATION DAYS AND HOURS

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

By appointment

COURSE CONVENER - RESEARCH INTERESTS

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 📔 *

 UID
 Name
 Email
 Phone

 u4046278
 Mrs Birgit Bea Hogan
 bea.hogan@anu.edu.au
 6125 0498

ADD LECTURERS, TUTORS OR DEMONSTRATORS BELOW 🗈 *

	ROLE	UID	NAME	PHONE	EMAIL	STUDENT CONSULTATION DAY	HOURS (FROM) E.G. 15:00	HOURS (TO) E.G. 16:00
1	Lecturer		Dr Emmaline Lear	6125 1073	emmaline.lear@anu.edu.au	By appointment	Thursday	Friday
2	Tutor		Li'An Chen		li'an.chen@anu.edu.au	By appointment		
3	Tutor		Moshiur Farazi		moshiur.farazi@anu.edu.au	By appointment		
4	Tutor		Ankita Gagrani		ankita.gagrani@anu.edu.aı	By appointment	Monday	Wednesday
5	Tutor		Nikita Gagrani		nikita.gagrani@anu.edu.au	By appointment		

TUTORIAL REGISTRATION P

Enrol in a tutorial on Wattle from O-Week.

SUPPORT FOR STUDENTS 📔 *

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).

- <u>ANU Health, safety & wellbeing</u> 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 SUMMARY OF ACTIVITIES ASSESSMENT AND OTHER INFORMATION Introduction to ENGN6250/ COMP6250 Diagnostic Test (non-weighted) Lesson Ouizzes start Professional Ethics 2 Writing with integrity Technical writing Knowing your audience Communication Task 1 (paragraph) Communication Task 2 (pitch-during tutorial)
Professional Project Task A. Video Pitch (First submission: Self & 6 Delivering presentations with impact Peer Feedback, Fri 3 Apr) Teaching Break Professional Project Task A. Video Pitch (Final submission, Fri 24 Empathising with the audience Communication Task 3 (survey questions - after tutorial) Designing solutions with value Project work Writing technical reports Industry Review (Fri 15 May) 10 11 11 Reflecting on practice Lesson Quizzes end 12 Professional Project Task B. Group Pitch, 5 mins (during tutorial) 12 Course review Professional Project Task C. Project Report & Meeting Mins (Fri 29 13 May) **Examination Period** Final examination

RESEARCH-LED TEACHING

This course allows students to develop preliminary research skills (such as academic integrity, appropriate referencing and using sources) and professional skills using a researchbased 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.

FIELD TRIPS IF RELEVANT

n/a

ADDITIONAL CLASS COSTS [2]

REOUIRED RESOURCES [2]

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

Australasian Journal of Engineering Education

European Journal of Engineering Education
American Society for Engineering Education/Journal of Engineering Education

IEEE

IEEE Computer Society

Computer Science Education

Journal of Science Communication

Assessment Tasks

ASSESSMENT SUMMARY 📔 *

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	TASK NUMBE	ER VALUE (%)	DUE DATE (YYYY-MM-DD) OR BLANK	RETURN OF ASSESSMENT DATE (YYYY-MM-DD) OR BLANK	LINKED LEARNING OUTCOMES
1	1A	5	Week 1-11	Fridays 11:00am	1,5
2	1B	5	Week 5,6,7	Week 7,7,8	1,2,3,5
3	1C	10	15/05/2020	Week 12	1,2,3,5
4	2A	10	Week 6&7	Week 9	1,2,3,4,5
5	2B	10	Week 11	Exam period	1,2,4
6	2C	20	29/05/2020	Exam period	1,2,3,4
7	3	40	Examination period	n/a	1,5

ASSESSMENT TASK # 📭 *

Assessment Task 1

Name of Assessment Task:

Becoming a professional (20%)

Details of Task:

This assessment task has three parts. See Assessment Book on PP2 Wattle site for assessment details.

- A. Lesson Quizzes (5%)
- B. Communication Tasks (5%)
- C. Industry Review (10%)

Assessment Task 2

Name of Assessment Task:

Professional Project (40%)

Details of Task:

This assessment task has three parts. See Assessment Book on PP2 Wattle site for assessment details.

- A. Video Pitch (10%)
- B. Group Pitch (10%)
- C. Project Report & Meeting Minutes (20%)

Assessment Task 3

Name of Assessment Task:

Final Examination

Details of Task:

The final examination is an online Wattle quiz. The exam will cover content from the course, including lectures, tutorial lessons, and quizzes. Further information regarding the final examination will be provided in the Week 12 lecture, which will also be recorded and be available on the Wattle course site.

Due date: Examination period (4-20 June 2020)

Word length: approx.800 words

Assessment Rubrics: Please see Wattle for PP1 assessment rubric for written tasks

Value: 40%

Estimated return date: N/A

Hurdle Assessment requirements: Students must attempt the final examination and achieve 45% or more in order to pass Professional Practice 1

PARTICIPATION 📔

It is expected that PP1 students will attend all Industry Expert lectures and tutorials during the semester. Please notify the course lecturer or tutor in advance if you cannot attend a scheduled session.

EXAMINATION(S)

See above for information about the final examination.

Assignment Submission

ASSESSMENT REQUIREMENTS 🕒 *

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

Annotated and graded submissions will be returned via Wattle.

RESUBMISSION OF ASSIGNMENTS

Resubmission of assignments is not permitted in this course.

Related Policies and Other Information

EDUCATIONAL POLICIES | *

ANU has <u>educational policies</u>, <u>procedures and guidelines</u>, 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 <u>Academic Misconduct Rule</u> 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 | *

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 🔁 *

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 | *

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 📔 *

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 <u>Academic honesty & plagiarism website</u> 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 <u>Academic Skills and Learning Centre</u> offers a number of workshops and seminars that you may find useful for your studies.

OTHER INFORMATION TO BE PUBLISHED ON P&C 📮

Diagnostic Test

Feedback

Students who are seeking an exemption from Professional Practice 1 are required to take a diagnostic test in Week 1. This test is not weighted and does count toward the course result. Students who demonstrate a high level of skills in the context of professional and academic practice may be granted an exemption and permitted to enrol directly into Professional Practice 2. They will then be allowed to take an additional technical course to replace Professional Practice 1 in their program. Only students who meet the exemption requirements will be notified by email. Please visit the Wattle site for test session details and to enrol in a diagnostic test session.

OTHER INFORMATION THAT WILL NOT BE PUBLISHED

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 🗈 *

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.