



INFT 3800

# Professional Practice in IT

Sem 1, 2021

INTRODUCTION

Dr. Teuku Geumpana  
University of Newcastle

# INTRODUCTION



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- Course Coordinator
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- Course Overview
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# Course Coordinator

**Dr Teuku Geumpana**

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Consultation hours: By Appointment



# Course Schedule

<b>ACTIVITY</b>	<b>DAY</b>	<b>TIME</b>	<b>ROOM</b>
Lecture	Thursday	2.00 – 4.00pm	VG01
Tutorial I	Wednesday	8.00 – 10.00am	ZOOM
Tutorial II	Thursday	1.00 – 2.00pm	SRG03

**\*\*Tutorial will start in week 2**

# Course Overview

Various resources; textbooks, journals, articles, guest speaker etc.

## TextBook:

Habash, R. (2019). *Professional Practice in Engineering and Computing: Preparing for Future Careers*. CRC Press.



Week #	Topic	Chapter
Week 1	Review of Computing Practice	The composite of professional
Week 2	Professional Ethics I	Professionalism and ethical practice
Week 3	Professional Ethics II	Readings on Cultural and Accessibility Considerations
Week 4	Professional Ethics III	Applied ethics AI & research, National framework for conduct of research
Week 5	Legal Responsibilities	Legal systems in practice
Week 6	Leader responsibilities & organizational Communication	Professional practice leadership
Week 7	Innovation	Innovation and entrepreneur practice
Week 8	Entrepreneurship	Innovation and entrepreneur practice
Week 9	IT Governance in Organisations & Project Management	External sources & Directed Readings, Project Management Practice
Week 10	Sustainable Computing	Design for Sustainable Computing Practice
Week 11	Professional Career	Professional career development
Week 12	Revision	-

# Assessment Items

- **Assessment Item 1**
  - Type: Quiz on BB during lab time
  - Weighting: 10%
  - Due Date: Week 3, 5, 7, 9

To provide students with progressive feedback on their learning. These tests highlight areas of concern and may stimulate discussion with tutors and lecturers.
- **Assessment Item 2**
  - Type: Written Assignment
  - Weighting: 25%
  - Release Date: Week 3
  - Due Date: Week 8

Students will prepare an important document that is required in the professional practice environment.
- **Assessment Item 3**
  - Type: Written Assignment
  - Weighting: 25%
  - Release Date: Week 5
  - Due Date: Week 10

Students will prepare an important document that is required in the professional practice environment.
- **Assessment Item 4**
  - Type: Presentation
  - Weighting: 40%
  - Release Date: Week 8
  - Due Date: Week 11, 12

Students in groups will conduct research on certain topics in the area of IT professional practices and present their findings to the class. The purpose of this activity is to enable peer-to-peer learning, develop the ability to collect data, synthesise an opinion and communicate findings to their peers in a well presented manner.

# Assessment Items

- Course assessment requirements:
  - Assessment 4 - Presentation: Minimum Grade / Mark Requirement - Students must obtain a specified minimum grade / mark in this assessment item to pass the course. Students whose overall mark in the course is 50% or more, but who score less than 40% in the compulsory item and thus fail to demonstrate the required proficiency, will be awarded a Criterion Fail grade which will show as FF on their formal transcript.

# Questions??

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