

Introduction to Software Engineering (ISAD1000)

## Administration: 2020 semester 1

---

Updated: 24<sup>th</sup> February, 2020

Discipline of Computing

School of Electrical Engineering, Computing and Mathematical Sciences (EECMS)

Copyright © 2020, Curtin University

CRICOS Provide Code: 00301J

# Introduction to Software Engineering – Welcome

Lecturer: **David Cooper**

*Tells you what you need to know!*

Email: [david.cooper@curtin.edu.au](mailto:david.cooper@curtin.edu.au)

Office: 314.343/325

Unit Coordinator: **David Cooper**

*Manages the unit behind-the-scenes.*

Email: [david.cooper@curtin.edu.au](mailto:david.cooper@curtin.edu.au)

## Concurrent Pre-requisite

- ▶ ISE (ISAD1000) depends on any one of the following:
  - ▶ Fundamentals of Programming (COMP1005);
  - ▶ Object Oriented Program Design (COMP1001); or
  - ▶ Programming Design and Implementation (COMP1007).
- ▶ You *must*:
  - ▶ be currently enrolled in one of the above; OR
  - ▶ have passed one of the above; OR
  - ▶ have been credited for one of the above.
- ▶ (One is enough!)
- ▶ Otherwise, **talk to the UC/lecturer ASAP**, or your life will be very difficult.

# Assessments

Assessment	Weight	Week
Prac Work	20%	Most (in your prac)
Mid-Semester Test	30%	7 (in the lecture)
Exam	50%	TBA

\* Teaching week numbers, *do not* count tuition-free weeks!

To pass the unit, you need:

- ▶ A “final mark” of 50% or higher.
  - ▶ This is the number that appears on your transcript.
- ▶ Also, an examination mark of 45% or higher.

# Practicals

- ▶ Practicals start in week 2!
- ▶ Each practical session will cover a particular practical worksheet (available on Blackboard – [lms.curtin.edu.au](https://lms.curtin.edu.au)).

## Practical Work Assessment

- ▶ There are 9 practical worksheets. Each one will be assessed.
- ▶ 20% of the final mark.
- ▶ Assessed in two ways.
- ▶ First, you will have a quick one-on-one interview.
  - ▶ Two (mostly) questions each week.
  - ▶ In your prac session, in the next teaching week after the relevant prac.
  - ▶ We want to know whether you *understood* the practical work!
- ▶ Second, you'll need to submit your work.
  - ▶ There will be an area on Blackboard for this.
  - ▶ Best to get this done *before* your interview!
  - ▶ But the latest we'll accept submissions is 8am Monday on the next teaching week after your interview.
- ▶ The interviews will take place:
  - ▶ In your prac session.
  - ▶ In the next teaching week *after* the relevant prac.

# Mid-Semester Test

- ▶ 30% of the final mark.
- ▶ Held in the lecture timeslot, in the lecture venue.
- ▶ Closed book; no notes or other material.
- ▶ There are no “make-up” tests. If you forget to come, you will get zero marks.

## Preparation

- ▶ Keep up-to-date with prac exercises.
- ▶ There will be mock tests available beforehand.

# Get Serious

- ▶ You have the opportunity to earn a pass.
- ▶ *But*, you get the mark you deserve.
  - ▶ There is no scaling.
  - ▶ We perform “moderation”, to ensure fairness and consistency.
- ▶ Have other big issues in life?
  - ▶ Get them under control!
  - ▶ Don't let them distract you from study.



# Get Motivated

- ▶ Some people don't think they're smart enough.
- ▶ This is self-fulfilling!
- ▶ Whoever you are, you *are* smart enough – it just takes motivation.
  - ▶ And motivation is self-reinforcing.
  - ▶ If you're motivated, you'll do well.
  - ▶ If you do well, you'll feel good about it.
  - ▶ If you feel good about it, you'll be *more* motivated.
- ▶ Think about your goals in life, and what must be done to achieve them.

# The Dunning-Kruger Effect

- ▶ Don't aim to “scrape through” with fifty-something percent.
- ▶ If you try this, you'll probably fail with around 25-30%.
- ▶ *Because you don't know how much you don't know!*
- ▶ Kruger and Dunning published a paper on this. It won an “Ig Nobel Award”.
- ▶ Always aim high, but don't be over-confident.

---

<sup>1</sup>J. Kruger and D. Dunning (1999), Unskilled and Unaware of It: How Difficulties in Recognizing One's Own Incompetence Lead to Inflated Self-Assessments, *Journal of Personality and Social Psychology*.

# Imposter Syndrome

- ▶ “Imposter Syndrome” is (roughly) the opposite of the Dunning-Kruger Effect.
- ▶ Bright, knowledgeable people often think they aren’t.
- ▶ Do you worry that you “don’t belong”, and about being “found out”?
  - ▶ See all the confident-looking people around you?
  - ▶ They might actually know *less* than you do!
  - ▶ They might be worrying that *they* don’t belong either!
- ▶ Don’t be discouraged; don’t be *under*-confident.

# How to do well

In no particular order:

- ▶ Turn up.
- ▶ Work through the practical worksheets.
- ▶ Talk to the lecturer:
  - ▶ Face-to-face, after a lecture or prac.
  - ▶ Via email ([david.cooper@curtin.edu.au](mailto:david.cooper@curtin.edu.au)).
  - ▶ By appointment.
- ▶ Talk to your tutors.
- ▶ Talk to the senior tutor(s).
- ▶ Talk to your friends.

# That's the administration stuff over with

If you have any uncertainties, please ask the lecturer!

David Cooper

Email: [david.cooper@curtin.edu.au](mailto:david.cooper@curtin.edu.au)

Office: 314.343/325