

程序代写代做 CS编程辅导

COMP2300/6300

Computer Organisation and Programming



Welcome to COMP2300/6300!

Dr Charles Martin

Semester 1, 2022



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Country of the Ngunnawal and Ngambri People



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whether you are near or far...

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welcome

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Hi, I'm Charles!

I'm a computer scientist, and a

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Course Introduction

- course overview
- assessment
- people
- policies

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Overview

Who is this course for?

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Anyone who wants to know:



- how their computer *really* calculate
- what happens in your computer when you run a high level program
- how and why computer science connects to the physical world

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Who owns a smartphone? 程序代写代做 CS编程辅导



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COMP2300: the microbit course!

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What background knowledge is expected?

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- programming as problem solving (COMP1100)
- basic arithmetic, logic, gates (COMP1005)
- tooling (from COMP1100/COMP1110), especially **git**



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zero assembly programming experience
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required

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Lecture schedule

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- 14:00-16:00 Monday (Online: S and Recorded)
- 09:00-10:00 Thursday (Online: S and Recorded)



Monday Public Holidays: Long lecture on Thursday! (up to 11:00), extra lecture time on Tuesday Morning (09:00-10:00)

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Chat with me on Teams, watch on Teams, YouTube, Twitch. Catch up on Echo 360!

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What should you expect in lectures? 程序代写代做 CS编程辅导

We'll have:

- slides
- live coding
- questions over chat



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Labs

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Labs are the most important part of the course!

You are expected to attend all the lab sessions



See the **lab page** and **labs FAQ** for more details.

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Online Teaching

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Many students will be online this

COMP2300/6300 is an **award win**



ne for online teaching!

Come to your online labs and engage with our tutors on the course forum.

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In-person students: Online resources are for you too! Our preference is to have everybody in-class, but if can't attend campus during semester, we have other options. Talk to us early if your situation changes.

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Communication

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How do we communicate with each other in this course?



- **the COMP2300 forum**: quickest place to get help
- **the COMP2300 website**: lectures, labs, assessments, resources
- Wattle: online quizzes
- your email: important individual messages

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Make sure you check **all** regularly

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It's all in the **communication policy**

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don't email me **policy: use the course forum,**
posts to teachers to ask questions - they

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won't get lost

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Assessment

Assessment Item

Lab Tasks

Quiz 1

Assignment 1 Proposal

Assignment 1

Mid-Semester Exam

Assignment 2 Proposal

Quiz 2

Assignment 2

Final Exam

(See the assessment page on the website!)

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ighting

Date

Each Week

Week 4

Week 5

Week 6

Mid-Sem Exam Period

Week 9

Week 10

Week 11

Exam Period

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Resources

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There's no set text for this course. Material will be provided on or linked from the course website.



You should look at the **books & links page**
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Academic integrity

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- read the **course policy**
- assignments are *strictly individual*



- there's lots of great text & code out there on the web (which is great!)
- if you find some code you want to use, **you must clearly indicate which bits of code aren't yours, where you got them, and what licence you're using them under**
- do NOT submit code that **isn't yours** without clearly indicating the above.
- do NOT expect marks for code you didn't write.
- read the **FAQ**

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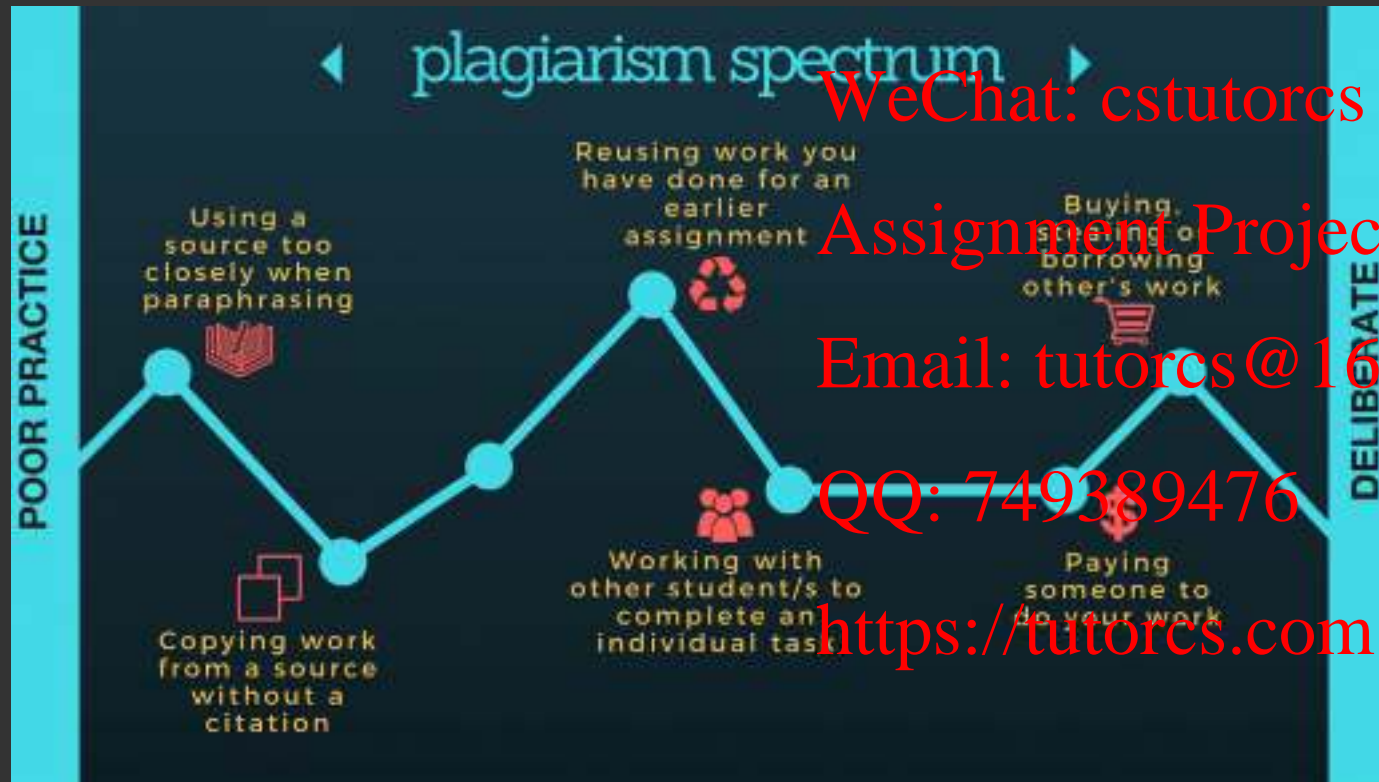
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Academic integrity and Plagiarism



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Pledge of integrity

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“ I am committed to being a member of the Australian National University community and to uphold the standards of academic integrity outlined in the **course ANU statement on honesty and plagiarism**, and I am aware of the **relevant legislation**. I understand these rules and the consequences of breaching them.



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You'll "sign" this in lab 1

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Course reps

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Course reps are a way for you to (anonymous) feedback for this course—your chance to have a say and make things better.



The responsibilities of a course rep are to:

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- gather feedback from your fellow students
- attend 2–3 meetings with me over the semester

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Look out for course rep nomination information on the forum!

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What I expect from you

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I expect that you:



- regularly read the course webk the COMP2300 forum/email
- engage with the course material *early*
- attend your labs & get to know your tutor
- act with **integrity**

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What you can expect from me

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If you do this, I promise to:



- give you help when you ask *anything*
- provide a clear, well organised course website with all the information you need (so make sure you read it!)
- **care about you** & support you in your learning journey *wherever you're at*

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But if you don't engage, then I can't support you. You've been warned!

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Quiz: where do I find the...

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assessment timeline?



lecture slides?

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lab content?

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late submission/extension/academic misconduct policies?

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Programming languages 程序代写代做 CS编程辅导

This course mainly uses ARMv7 assembly language.

You'll do a *little* bit of C (one step to assembly!)



It's useful to illustrate how this assembly code relates to other languages, and we'll use lots of different examples in the slides.

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talk

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Introduce yourself in the chat! Say hello and answer one of these questions:



- one weird food that most people don't like but you enjoy
- one boring fact about yourself

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Here are a couple of questions you can ask one another:

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- what are you most looking forward to about COMP2300/6300?
- what are you most anxious about?
- what's your plan for making the most of this course?

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Questions

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