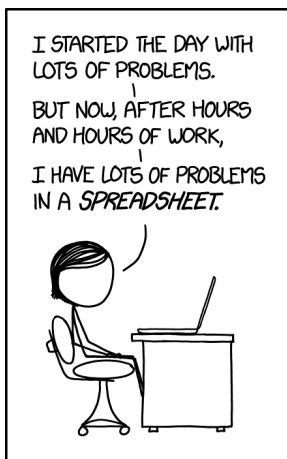# UCC

A Detailed Guide

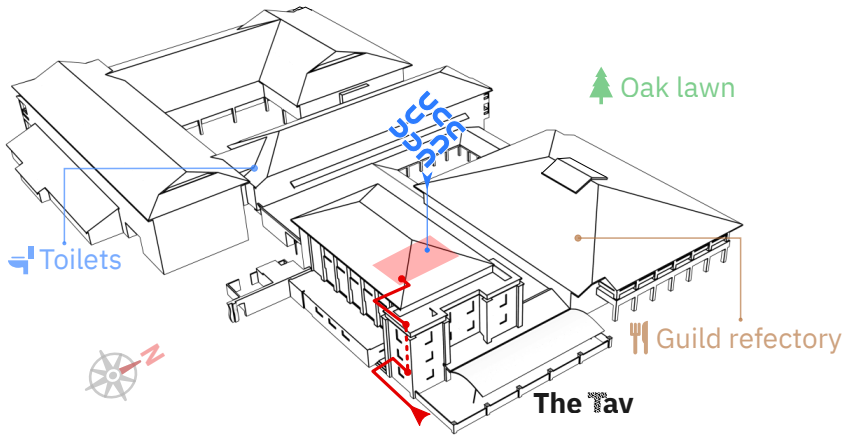# Introduction

What is UCC?

UCC is a club dedicated to both the social and technical side of computers. Founded in 1974, the club has been the perfect place for anyone with a passion for computers for over half a century. UCC has been an innovator, placing a drink machine on the internet in 1992, and many of our members have gone on to achieve great things.

UCC prides itself on being a place for all sorts of people with a fondness for computers to hang out. We have many regular events throughout the year including pizza nights, tech-talks, game events and many more. Hopefully this guide provides some insight about the club.

To get started, drop by our clubroom (see the map overleaf).

Find The Clubroom

The UCC clubroom is located on the top floor of Cameron Hall. The main entrance is around the left-hand side of the building (facing the Tav with the carpark behind you). That's the one shown on the map above.

There's also a set of stairs leading up from the loading bay which can be accessed through an alley, next to the Guild Village toilets. It's handy shortcut coming from class, but it's not the easiest to find until you've been shown.

• Also check https://ucc.asn.au/talks/ for an interactive map.

Contents

A Message from the President

Hello! And welcome to the club. I'm Grace, current UCC president. I hope you've had a great summer holiday, and if you're just joining us, that you will have a good semester 1 as well.

The purpose of this guide is to explain what UCC is, and how we operate. UCC is basically a social hobby club, and we do all sorts of stuff, including:

- Tech Events
- Collaborative events
- Gaming events

Further within this guide, you will find our upcoming events for Semester 1, as well as some of our annually held events. You will also find the services that we offer to our members, such as:

- Web hosting
- Project Bench and Tool Cupboard
- FREE VM/Game hosting
- And more!

We also have a clubroom which is open most days, and you can find it within Cameron Hall, above the Tav and next to Guild Village. Outside the clubroom, you can find an internet connected vending machine with cheap drinks and snacks.

If you have any questions, or just want to hang out, feel free to join our Discord, email committee@ucc.asn.au, or come visit us at the clubroom. I hope to see you around sometime, perhaps at our fresher welcome this Wednesday (26/2/25, 3 PM)!

- Grace

UCC President 2024

Your Account

Signing up on O-Day (or in general) does not give you an account instantly. To get an account, you will need to go to the clubroom!

Once you get to the clubroom, someone will be able to help you make your account. Simply tell someone that you need a new account and they'll run you through the process. You'll need your campus card, or whatever other form of ID you used when signing up. Alternatively, you can sign up at the clubroom.

Your account gives you access to all things UCC. You will gain access to a UCC-hosted email address <username>@ucc.asn.au, a webspace at https://<username>.ucc.asn.au, the vending machines, the club Wi-Fi and gigabit Ethernet, and many more services. The person who signs you up will be able to show you how all these things work.

Once you have an account, you can use it to log into any of our clubroom machines. If you want to log onto one of our servers, you'll need to use the SSH program. If you're having trouble, just ask someone in the clubroom — we don't byte!

If you need to add money to your UCC account, you'll need to ask for someone on the Door group. They will be able to put money onto your UCC account for you. **First-time members get $1 free credit!** You can then use this credit for everything from the drink & snack machines, to payments at UCC-hosted events.

Keep track of your details here

My UCC username:
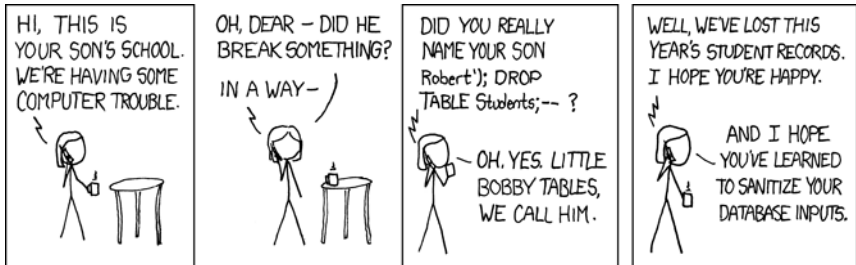
My UCC email:

My UID (5 digits):

SSH for the greater good

SSH lets you remotely access UCC's servers. These can be used for programming, web hosting, file storage, dispensing drinks, and much more.

On Linux, MacOS, or Windows simply open a terminal and type:

```
ssh username@ssh.ucc.asn.au
```

Follow the prompts, enter your password and you're away!

Dispense

At the same time as you set up your account, you'll also have your Dispense account set up. Dispense is the program that allows users to store credit and purchase items from the coke/snack machines. Door members can help you add credit to your dispense account. Call out for one in the clubroom if need be, there's always one around.

The easiest way to dispense a drink is probably the web interface at https://dispense.ucc.asn.au. Simply enter your username and password and then select a drink.

Due to technical reasons, snacks cannot be dispensed using this interface. Getting a snack will involve typing your 5 digit UID and a 4 digit PIN into the keypad. This allows you to dispense both drinks and snacks.

You can also use your campus card or SmartRider as a log in device on the snack machine. To do so, log in to the Snack Machine and hold whichever card you want to use up to the card scanner (it's the thing with the blinking green light) and the card should auto-enrol. To log in using the card, simply hold the enrolled card up to the card scanner.

Alternatively, access Dispense with the `dispense` command. Dispense isn't installed on clubroom machines so you will have to use SSH to access one of the servers.

```
/------------------Dispense------------------\
| -- Coke Machine                            |
| ->  fanta                            69    |
|     solo                             80    |
|     vpure                           151    |
|     creaming soda                    89    |
|     pasito                           77    |
|     nullc0ke                         93    |
|     coke                             91    |
| -- Electronic Payment System               |
|     laserprint 5 pages               10    |
|     clue                            128    |
|     UCC T-Shirt                    4000    |
|     UCC Sleeve Logo Tee            2500    |
|     UCC Polo                       1800    |
|     membership (non-student and non-guil 1250 |
|     membership (non-student and guild)  1000 |
|     membership (student and non-guild)   750 |
|     membership (student and guild)       500 |
|     MACHRM - kitkat original        115    |
\--------------------------------------------/
 ACC Murphy           $19.74          coke,door
 q: Quit         Arrows: Select      Enter: Buy
```

0x8

Clubroom

The clubroom is usually open from about 10am until 11pm throughout the semester. It is also sometimes open on weekends, and most days during university holidays. If you want to check the clubroom is open and who is there, call the clubroom phone (08 6488 3901) or check out the door status page. https://door.ucc.asn.au

Within the clubroom there are a bunch of desktop machines, tons of books, couches, a server room, and many people with a wide array of knowledge. We encourage our members to use them as they see fit.

We don't have cleaners, so we rely on our members to look after the clubroom. There is always a Door member in the room if it's open. Of course, if you see something that needs doing such as cleaning up, feel free to do it!
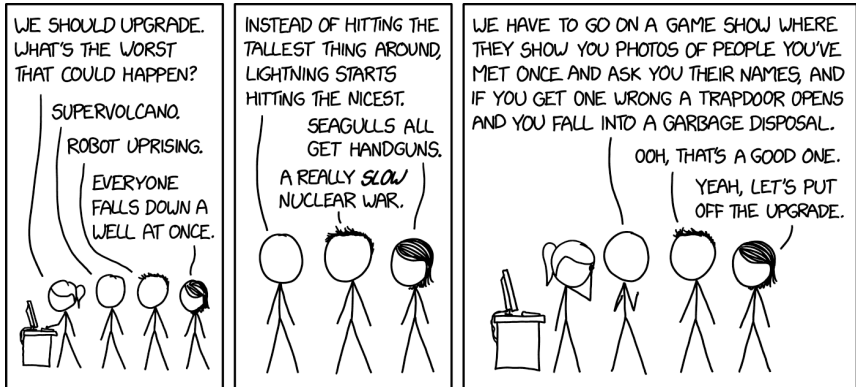
Groups

Committee

Like most clubs, UCC elects a committee, who are responsible for the day-to-day running of the club. The committee spends the club's money, ensures we're well stocked with drinks and snacks, and organises events. In order to keep the club running smoothly, the UCC delegates certain functions to other groups, such as Wheel and Door (see below). Any member is permitted to attend a committee meeting, unless the President has declared the meeting is closed to general members. If you would like to receive reminders of the meetings, as well as the upcoming agenda, subscribe to the committee mailing list. Minutes are published on our Discord server and https://ucc.asn.au/infobase/committee/

UCC has several groups to which the committee delegates responsibilities and duties. These groups help keep the club running on a day to day basis. Each group can be contacted via <group>@ucc.asn.au. Check all available mailing list at https://lists.ucc.gu.uwa.edu.au/mailman/listinfo/
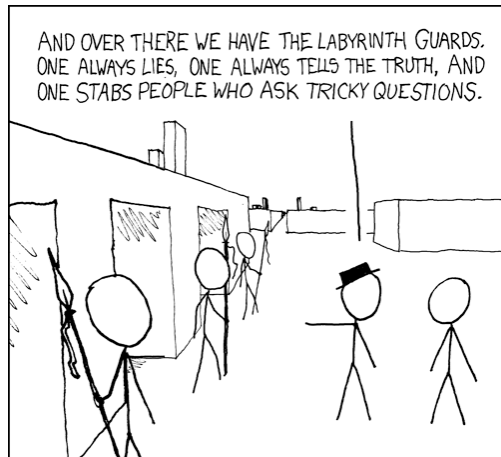
Wheel

Wheel is in charge of maintaining the club's machines. They are the best people to see if you're having problems with the computers. Wheel tends to have members added via recommendation to committee, and works with them. Wheel have infrequent meetings, where they sing the secret wheel song. If you want to learn how to be a sysadmin and manage servers, come along to our tech meetings and show your interest! Our first meeting is on the 29th of April, at 6:30PM in the clubroom!

Door

People in Door group are responsible for the clubroom. They can hold the room open for members, add and refund Dispense credit, and enforce the clubroom rules. Many serve as a familiar face for people who visit the club, so if you hang out in the room a lot, consider applying!

AND OVER THERE WE HAVE THE LABYRINTH GUARDS. ONE ALWAYS LIES, ONE ALWAYS TELLS THE TRUTH, AND ONE STABS PEOPLE WHO ASK TRICKY QUESTIONS.

Upcoming Events

Fresher Welcome

When: 26th February @ 15:00 - 18:00
Where: UCC Clubroom

New to the club, or just want a reintroduction? Join us for our fresher welcome! We will be showing people around the clubroom and showcasing our services. Come along, meet fellow freshers and play games! (Free pizza included)

Tech Talk - Intro to Linux

When: 4th March @ 14:00
Where: UCC Clubroom

Ever wonder, "This Linux thing sure does seem neat, it would be nice if UWA taught it to us in a sensible manner"? Well wonder no longer! Come to our clubroom where our lovely members [GPO] and [SEB] teach you what you need to know to start learning Linux, set up a Virtual Machine, and how to find the information you are looking for!

Annual General Meeting

When: 10th March @ 13:00 - 15:00
Where: Guild Council Room

Yearly meeting where the club reviews its previous year and elects a new committee. Interested in helping run the club and organise events? Nominate yourself to join the committee!

Build and Break a PC

When: 11th March @ 14:00 - 18:00
Where: UCC Clubroom

Come help us rebuild three of our desktop PCs, learn how to put together a computer, and how to fix many common issues! Cable management pros VERY welcome.

Tech Talk - Linux as a Desktop OS

When: 19th March @ 14:30
Where: UCC Clubroom

Got an old laptop sitting in a cupboard? Revitalise it by installing Linux on it!

A follow on from our Intro to Linux tech talk; come and learn more about how UCC and its members use Linux in their day-to-day lives and how you can get started with your own computers!

Charity Vigil

When: Late April
Where: Cameron Hall

An overnight event run by UCC, UniSFA, Unigames, UWAES and UWASCA to raise money for local charities. Raffle, Tournaments, Board & LAN games, find out more on the night!
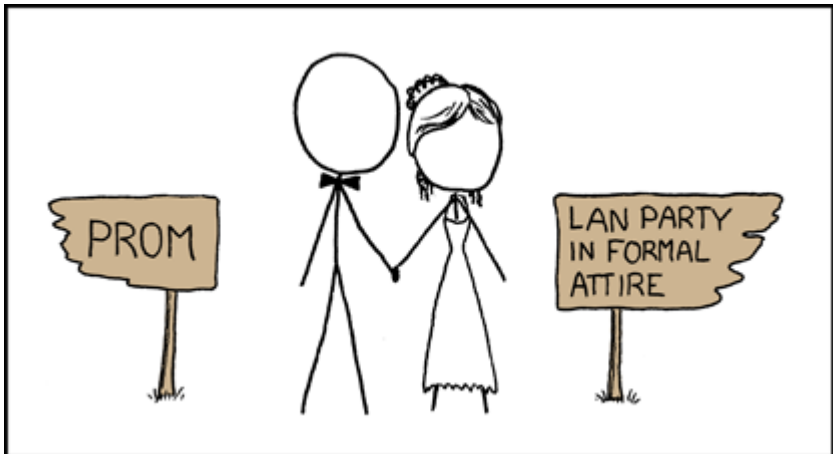
UniLAN

When: April 26th - 27th, also in Semester 2.
Where: Curtin Building 410

Running overnight, this massive LAN is run in collaboration with clubs from UWA, Curtin and Murdoch. Join us to play some classic LAN games, compete in tournaments, or just hang out with your friends!

This is THE LAN to attend, and will also be running a second time, later on in the year.

More events to come...

Cameron Hall Quiz Night
When: Semester 2, TBA
Where: UWA Tavern

Quiz night. Tavern. Cameron Hall friends. [18+ event]*

Cameron Hall Joint Camp
When: TBA
Where: Ern Halliday Recreation Camp

Weekend recreational camp away from city with Unigames, UCC, UniSFA. Usually happens 1-2 weeks after semester 2.

Keep an eye out on our discord for event announcements and other things the club is up to!

UnCharity Vigil
When: START OF THE YEAR
Where: Cameron Hall

Stay up late playing games, and giving money to Cameron Hall clubs to buy yourself an unfair advantage.

• *2025 UnCharity has already happened*

Anniversary Dinner
When: 21st September @ TBA
Where: TBA

Each year, UCC celebrates its anniversary with a dinner-time event. This year, it's our 51th anniversary. Feel free to come along to our sit down dinner and meet some of the older members, as well to have a general chat with your fellow UCCans.

Services

This is an overview of the services running. The full hostname for a given server is server.ucc.asn.au. Remember that these services are maintained by UCC's members, so if you want to know more, ask someone! The servers are usually named after a fish starting with "M", as they are in the Machine room and run Linux, the mascot of which is Tux: a penguin, who likes to eat fish.

Drinks & Snacks — Dispense

UCC's most successful service is undoubtedly the internet-connected coke machine and not-quite-internet-connected snack machine. They communicate to Merlo, which runs open source software written by talented members including [TPG] John Hodge, [MTL] Mark Tearle and [DAA] David "Zanchey" Adam. A relay connected to Merlo can be activated by door members from the snack machine to open the club's electronic door lock.

Games

We have plenty of compute capacity to help you host your own game server! We also host a couple game servers for our own events, like Garry's Mod, Counterstrike, Minecraft, and many more. If you want to host a new game server, find your nearest Wheel member and ask for help!

Email

UCC proudly runs its own mail server. You have an email account <username>@ucc.asn.au. Upon creating your account you can choose an address to foward all emails to. You can change this at any time by editing the ".forward" file in your home directory.

A webclient is available at https://sogo.ucc.asn.au for ease of access. Other methods such as alpine for your own mail client work as well.

Web Hosting

Members can publish their own sites! SSH to a server and edit the files in the directory "public-html". The website will appear at https://<username>.ucc.asn.au.

File Storage

With your account comes not one, but two "home" directories (/home for servers and /away for clubroom machines) for all your file storage needs. Both can be accessed through SSH, FTP, a UCC Windows or Linux machine, or from your phone if you have a FTP/SSH client installed.

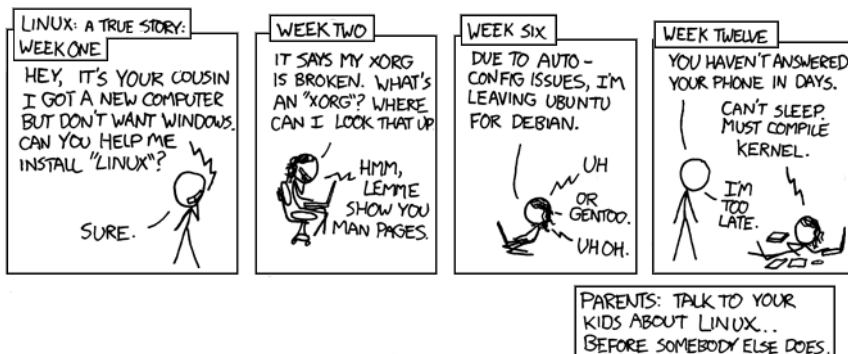THERE'S BEEN A LOT OF CONFUSION OVER 1024 vs 1000, KBYTE vs KBIT, AND THE CAPITALIZATION FOR EACH.

HERE, AT LAST, IS A SINGLE, DEFINITIVE STANDARD:

SYMBOL	NAME	SIZE	NOTES
kB	KILOBYTE	1024 BYTES or 1000 BYTES	1000 BYTES DURING LEAP YEARS, 1024 OTHERWISE
KB	KELLY-BOOTLE STANDARD UNIT	1012 BYTES	COMPROMISE BETWEEN 1000 AND 1024 BYTES
KiB	IMAGINARY KILOBYTE	1024 √-1 BYTES	USED IN QUANTUM COMPUTING
kb	INTEL KILOBYTE	1023.937528 BYTES	CALCULATED ON PENTIUM F.P.U.
Kb	DRIVEMAKER'S KILOBYTE	CURRENTLY 908 BYTES	SHRINKS BY 4 BYTES EACH YEAR FOR MARKETING REASONS
KBa	BAKER'S KILOBYTE	1152 BYTES	9 BITS TO THE BYTE SINCE YOU'RE SUCH A GOOD CUSTOMER

VM Hosting

Members can get their own VM hosted at UCC by contacting someone on the Wheel group to set it up for them.

It's free, easy, and highly recommended.

Glossary

Term	Description
Dr ACC Murphy	A computer called Murphy. Truly infamous around the clubroom. *Somehow it was a registered student in UWA for a period and passed 10+ units*
TLA	Three Letter Acronym. Every TLA is unique and most UCCaneers have one to refer to themselves in documentation.
Dispense credit	Money on your account used for the drink and snack machines.
IRC	Internet Relay Chat. An old-school protocol for chatting with people online that many UCCans still use daily.
The Loft	The area above UCC in Cameron Hall that looks down into the UCC clubroom. LAN gaming and other activities take place up there.
Mailing lists	A way of communicating with a very large number of people via email. The UCC has several mailing lists of varying popularity.
UCCan	Someone who spends a lot of time in the UCC.
Fresher Rep	The committee member (always a fresher) who is elected to represent the interests of new members.
Door group	The group responsible for maintaining the clubroom and it's contents.
Wheel group	The group responsible for maintaining computers, accounts and services in UCC.
UniSFA	University Science Fiction & Fantasy Association. A fellow club in Cameron Hall.
Unigames	A club specialising in board games, RPGs, etc. A fellow club of Cameron Hall.
UWAES	UWA Esports, they enjoy a wide range of computer/console games. A fellow club of Cameron Hall, joined 2024.

Term	Description
`passwd`	Enter this command while on a UCC server to change your password.
`ssh <server>`	This command, when given the name of a server, will allow you to connect to the machine from your computer.
Motsugo	Host of secure user home directories, main user shell server. Also a fish.
`man <command>`	Outputs the manual for a command. One of the best pitstops for information on UNIX commands.
`irssi`	A terminal-based IRC client.
`dispense`	Opens the terminal window to dispense a drink from our drink machine.

Friends of UCC

UniSFA

A social club for all things nerdy. UniSFA offers a hub of sci-fi and fantasy books, screenings, discussions, and other related events throughout the year. Come by to relax and read, debate recent books/episodes/movies and make friends!

Instagram: @unisfa_uwa

Unigames

Dealing in tabletop games, such as roleplaying games, board games, card games and wargames, their clubs room is home to everything between casually playing Junk Art or Betrayal at Baldur's Gate between classes to ongoing regular Dungeons and Dragons and Call of Cthulhu campaigns.

Website: https://unigames.asn.au/

Discord: https://discord.gg/xE5CWZr

Programming Competition Society

The best place on campus to learn programming skills in a fun and relaxed environment, with programming competition skills lectures, and study nights for programming-related units.

Website: https://pcs.org.au/

Discord: https://pcs.org.au/chat

Pantomine Society

Panto is a semi-improv theatre troupe based on a foundation of inclusivity with a part guaranteed to anyone who auditions. Three yearly shows are written, performed, and crewed by members with plenty of fun events in between.

UWA Esports

UWA Esports is a club focused on casual and competitive gaming alike. They host things such as games days in EZONE, where they set up a load of Nintendo switches and encourage people to bring their laptops, as well as their iconic semesterly quiz nights. They also host the occasional tournament and field a few competitive rosters to compete against other universities in Australia.

Website: https://uwaesports.org

Discord: https://discord.gg/mGDrxvsxjv

Instagram: @uwaesports

Secrets

Eggman

When in the clubroom, and using a UCC desktop or when connected to the UCC wifi, try going to eggman.ucc.asn.au. You might find some interesting sounds!

The Pasito Bandito

Ask around in the clubroom about the Pasito Bandito, and settle in for a tale of daring escapdes, general incompetence, and a missing can of Pasito.

The Mysterious Voice

Once per year, a odd call comes through the clubroom phone. The decrepit voice on the other end croaks out, "Is Mussel running?"

It's said that anyone who answers faces a dark retribution from the evil voice soon after.
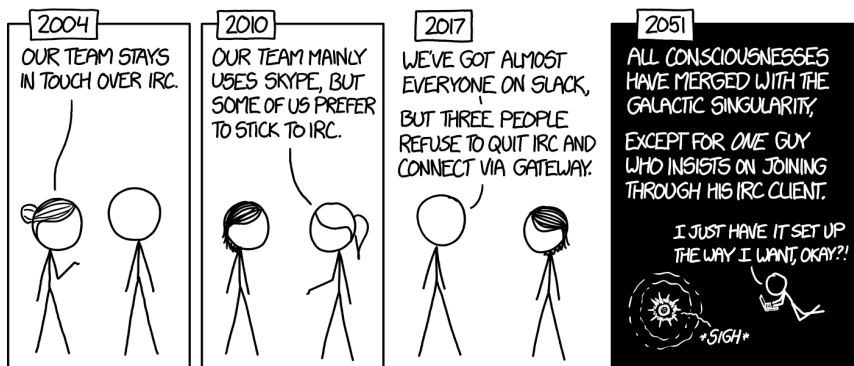
BEWARE!

The Visitor

It's said that every 1 in 10,000 visits to the door status page (https://door.ucc.asn.au) that you see "The Visitor", and if you can answer their riddle, they offer you unlimited dispense credit. Try refreshing a couple times next time you visit!

Contacts

Social Media

Facebook page	**facebook.com/uccuwa/**
Facebook group	**facebook.com/groups/universitycomputerclub/**
Twitter	**twitter.com/ucc_status**
Steam	**steamcommunity.com/groups/UCC**
GitLab	**gitlab.ucc.asn.au**
GitHub	**github.com/ucc**
Discord	**ucc.asn.au/discord**
IRC	**irc://irc.ucc.asn.au:6667**
	https://irc.ucc.asn.au

Email

Some useful emails that you might like to contact are:

- Committee: committee-only@ucc.asn.au
- Fresher Rep: fresher@ucc.asn.au
- For anything tech-related: tech@ucc.asn.au

Mailing Lists

UCC often uses email for communication. There are various lists that you can sign up for at https://lists.ucc.asn.au. The most popular lists are:

- ucc-announce@ for announcements and
- ucc@ for general discussion.
- If you are interested in technology, join the tech@ list.
- If you want to be kept up to date with management of the club, join committee@.

Other

- Website: https://www.ucc.asn.au
- Wiki: https://wiki.ucc.asn.au
- Phone: (08) 6488 3901

Attributions

Comics
Randall Munroe https://xkcd.com/
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VT100 Font
Karl Stange https://fontstruct.com/fontstructions/show/232678
CC BY 3.0 https://creativecommons.org/licenses/by-nc/2.5/

```
#let title = [A Detailed Guide]
#let year = [2025]

#let logo_u_letter(colour) = block(height: 100pt, width: 100pt,
 align(top + left,
  path(
   (84pt, 0pt),
   ((84pt, 50pt), (0pt, 0pt), (0pt, 18.777pt)),
   ((50pt, 84pt), (18.777pt, 0pt)),
   ((16pt, 50pt), (0pt, 18.888pt), (0pt, 0pt)),
   (16pt, 0pt),
   stroke: 32pt + colour)
 ))

#let logo_all_letters(colour) = {
 let rotated_u(angle) = rotate(angle, logo_u_letter(colour))

 (
  rotated_u(0deg), rotated_u(90deg), rotated_u(90deg),
  rotated_u(0deg), [], rotated_u(180deg),
  rotated_u(270deg), rotated_u(270deg), rotated_u(180deg),
 )
}

#let diamond_logo(colour: black, width: 5cm) = {
 rotate(45deg, scale(100% * (width / 330pt),
  grid(columns: 3, gutter: 15pt, ..logo_all_letters(colour)),
  reflow: true), reflow: true)
}

#let horizontal_logo(colour: black, width: 5cm) = {
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  stack(dir: ltr, spacing: 15pt,
   ..logo_all_letters(colour).slice(0, 3)
 ))
}

#let cover = page(paper: "a5", margin: 0pt,
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  scale(770%, rotate(-45deg, logo_u_letter(black)))),
 {
  place(dx: 1cm, dy: 14.9cm, block(width: 9cm, height: 6.1cm, {
   set align(left + horizon)
   diamond_logo(colour: white, width: 3cm)
  }));
  place(dx: 6.8cm, dy: 5.7cm, block(width: 8cm, height: 8.5cm, {
   set text(fill: white)
   set align(center + horizon)
   horizontal_logo(colour: white, width: 5cm);
   text(size: 22pt, weight: "semibold", title);
  }))
 }
)
```

A Detailed Guide

2025