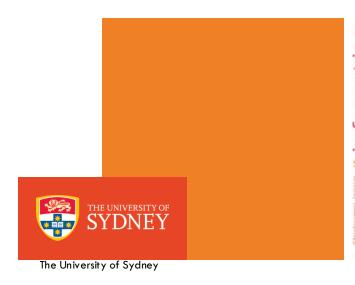
## Welcome COMP5318 Machine Learning and Data Mining Nguyen Hoang Tran





#### Welcome



#### **Acknowledgement of Country**

I would like to acknowledge the Traditional Owners of Australia and recognise their continuing connection to land, water and culture. I am currently on the land of the Gadigal (Cadigal) people of the Eora Nation and pay my respects to their Elders, past, present and emerging.

I further acknowledge the Traditional Owners of the country on which you are on and pay respects to their Elders, past, present and future.

#### Keeping our community safe

- Remember good hygiene practices and physical distancing:
  - Frequent handwashing
  - Cough or sneeze into a tissue or your flexed elbow
  - Maintain a distance of at least 1.5m between yourself and others, where possible
  - Avoid large gatherings, where possible.
- If you are unwell with cold or flu symptoms please excuse yourself from this class and we will support you to continue the work remotely.

#### **Emergency procedures (on campus)**

- In the unlikely event of an emergency, we may need to evacuate the building.
- If we need to evacuate, we will ask you to take your belongings and follow the green exit signs.
- We will move a safe distance from the building and maintain physical distancing whilst waiting until the emergency is over.
- In some circumstances, we might be asked to remain inside the building for our own safety. We call this a lockdown or shelter-inplace.
- More information is available at <u>www.sydney.edu.au/emergency.</u>

#### Keeping our campus COVID-safe

- The University is following NSW Government and NSW Health guidance to prevent the spread of COVID-19, respiratory-type illnesses and other illnesses.
- All staff, students and visitors are required to follow our <u>health and safety advice</u>. This includes staying at home if unwell, isolating and testing, and to not return unless recovered or as advised by your health professional.
- Visit <u>our website</u> for more information about our COVID-19 response.

#### Health and safety advice



Stay home if you are sick



Wash hands regularly



**Avoid physical greetings** 



Cough or sneeze into your elbow or tissue



Keep 1.5m away from others where possible



Avoid crowding entrances and exits





#### **COVID-19** support and care

- If you become infected with COVID-19 during the semester, or need to stay at home, please notify your unit of study coordinator, as with any unexpected absence.
- If COVID-19 illness impacts assessment, use the usual mechanisms including <u>simple extensions</u> and <u>special</u> <u>consideration</u> to arrange reasonable adjustments.
- Other helpful study information can be found on the <u>Study</u>
   <u>Information</u> page of Student website.

#### Student support

Visit the <u>Student life, wellbeing and support</u> webpage to find out about the student services, resources and events available to support you while you study:

- Health and wellbeing
- Academic Support
- Personal support
- Getting connected



Questions about getting started this semester? Come visit us at a Welcome Hub



Anderson Stuart
Welcome Hub



Carslaw West Welcome Hub

#### **Safer Communities Office**

 Support and case management for people who have experienced sexual misconduct, domestic/family violence, bullying/harassment or issues relating to modern slavery.



#### Contact the team

- 8:30 am to 5:30 pm Monday to Friday, Sydney local time
- phone: +61 2 8627 6808
- email: safer-communities.officer@sydney.edu.au.
- campus: Level 5, Jane Foss Russell building, City Road, Darlington
   Campus

#### Make a report

 Visit the website to make a complaint or disclosure of sexual misconduct to the University.

#### Tips for students learning online

- Remember that you are still in a space with other students.
- Mute your microphone when not speaking.
- Use earphones or headphones the mic is better and you'll disturb others less.
- If you have a webcam, please switch it on so we can see you,
   if you are comfortable doing so.
- Try not to talk over someone else.
- Some classes may use breakout rooms engaging fully in these is a great way to meet classmates and your teachers.
- Help your teachers know you're there by participating in chat, polls and other activities during class - we're all in this together.

#### **Expectations**

- Students attend scheduled classes, and devote an extra 6-9 hrs per week
  - doing assessments
  - preparing and reviewing for classes
  - revising and integrating the ideas
  - practice and self-assess
- Students are responsible learners
  - Participate in classes, constructively
    - Respect for one another (criticize ideas, not people)
    - Humility: none of us knows it all; each of us knows valuable things
  - Check Canvas site at least once a week!
  - Notify academics whenever there are difficulties
  - Notify group partners honestly and promptly about difficulties

#### **Special Consideration (University policy)**

- If your performance on assessments is affected by illness or misadventure
- Follow proper bureaucratic procedures
  - Have professional practitioner sign special USyd form
  - Submit application for special consideration online, upload scans
  - Note you have only a quite short deadline for applying
  - http://sydney.edu.au/current\_students/special\_consideration/
- Also, notify coordinator by email as soon as anything begins to go wrong
- There is a similar process if you need special arrangements eg for religious observance, military service, representative sports

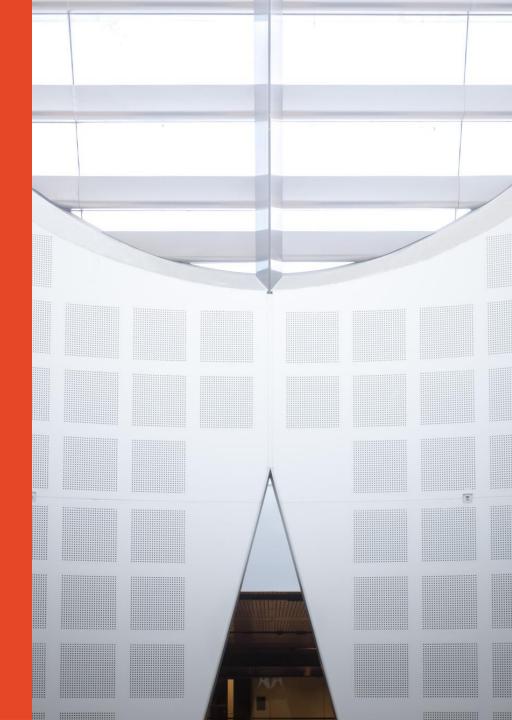
#### **Academic Integrity (University policy)**

- "The University of Sydney is unequivocally opposed to, and intolerant of, plagiarism and academic dishonesty.
  - Academic dishonesty means seeking to obtain or obtaining academic advantage for oneself or for others (including in the assessment or publication of work) by dishonest or unfair means.
  - Plagiarism means presenting another person's work as one's own work by presenting, copying or reproducing it without appropriate acknowledgement of the source." [from site below]
- http://sydney.edu.au/elearning/student/El/index.shtml
- Submitted work is compared against other work (from students, the internet, etc)
  - Turnitln for textual tasks (through Canvas), other systems for code
- Penalties for academic dishonesty or plagiarism can be severe
- Complete self-education AHEM1001 (required to pass INFOxxxx)

### Academic Integrity Practice

School of Computer Science





#### Different levels/types of Academic Integrity practice

#### – Source:

 Different types of sources of help are accepted for different academic levels (Junior, Intermediate, Senior, Postgraduate)

#### Nature of Help:

- Different types of help are accepted for different types of assessment.
- Two slides explaining "Source" and "Nature" of help allowed
- You can adjust the chart to suit the academic integrity requirement for your assessments.

#### **Example 1: Junior level programming UoS**

#### Source of Help

Lecturer	Teaching	Classmates	Private	Online	Students	Hired coders	Relatives	Other
	Assistants /		tutors	forums/	outside			
	Tutors			Online	course/UoS	Tutorial Company		
				tutors		outside University		

- Individual assessment
- A student needs to gain an understanding of fundamental knowledge/skills
- It is important to master the knowledge/skills themselves

Encouraged

Attribution required

Not acceptable

Ask Lecturer/Coordinator

#### **Example 1: Junior level programming UoS**

#### Types of Help

Understanding
General Concepts
Similar material (not assignment)
Sharing
approach/concept to derive assignment solution

Designing code/solution

code/solution

- Individual assessment
- A student needs to gain an understanding of fundamental knowledge/skills
- It is important to master the knowledge/skills themselves
- Students are encouraged to obtain help through relevant teaching materials and practices but not directly on assessment materials

Encouraged

Attribution required

Not acceptable

Ask Lecturer/Coordinator

#### Example 2: Intermediate/Senior level specialist UoS

#### Source of Help

Lecturer	Teaching	Classmates		_	Students	Hired coders	Relatives	Other
	Assistants /		tutors	forums/	outside			
	Tutors			Online	course/UoS	Tutorial Company		
				tutors		outside University		

- Individual assessment
- A student needs to gain an understanding of high level knowledge/skills
- A student needs to gain skills to find, evaluate and apply existing knowledge/solutions

Encouraged

Attribution required

Not acceptable

Ask Lecturer/Coordinator

#### Example 2: Intermediate/Senior level specialist UoS

#### Types of Help

Understanding
General Concepts

Explained using similar material (not assignment)

Sharing approach/concept to derive assignment solution

Designing code/solution

Implementing code/solution

- Individual assessment
- A student needs to gain an understanding of fundamental knowledge/skills
- It is important to master the knowledge/skills themselves
- Students are encouraged to obtain help through relevant teaching materials and practices

Encouraged

Attribution required

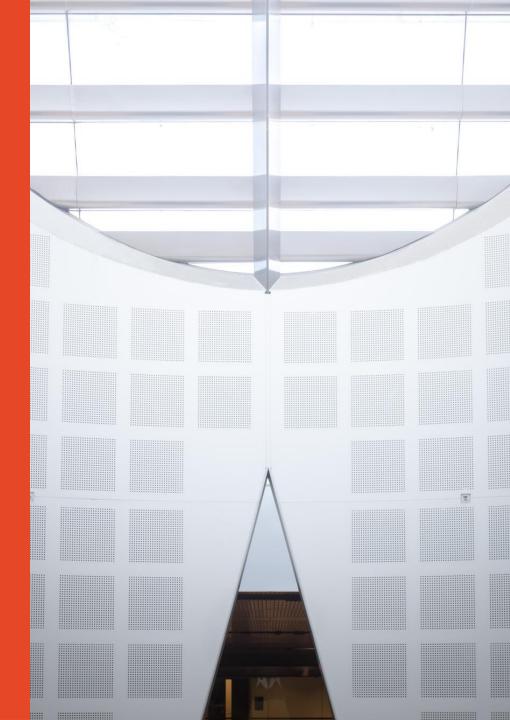
Not acceptable

Ask Lecturer/Coordinator

#### WHS Induction

School of Computer Science





#### **General Housekeeping – Use of Labs**

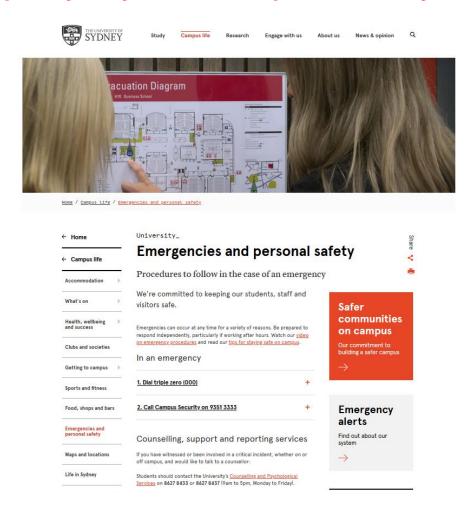
- Keep work area clean and orderly
- Remove trip hazards around desk area
- No food and drink near machines
- No smoking permitted within University buildings
- Do not unplug or move equipment without permission



#### **EMERGENCIES** – Be prepared

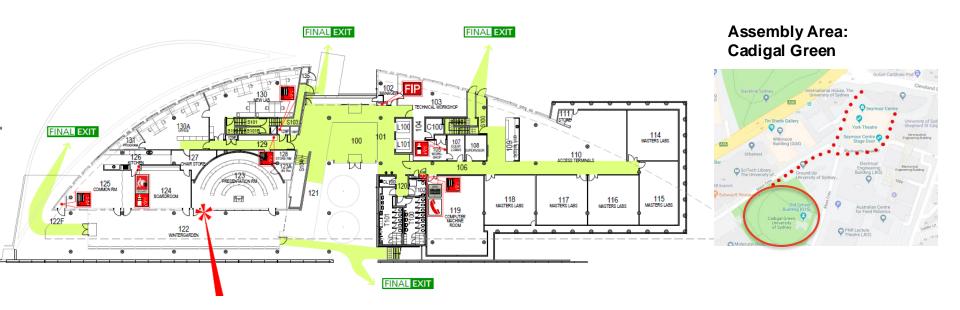


#### https://sydney.edu.au/campus-life/safety-security.html



#### **EMERGENCIES**

## WHERE IS YOUR CLOSEST SAFE EXIT?



#### **EMERGENCIES**

#### **Evacuation Procedures**

#### **ALARMS**

- **(1)** BEEP... BEEP... Prepare to evacuate
- Check for any signs of immediate danger.
- 2. Shut Down equipment / processes.
- 3. Collect any nearby personal items.
- )) WHOOP... WHOOP... Evacuate the building
- Follow the **EXIT** exit signs.
- Escort visitors & those who require assistance. 2.
- 3. DO NOT use lifts.
- Proceed to the assembly area. 4.

#### **EMERGENCY RESPONSE**

- Warn anyone in immediate danger.
- Fight the fire or contain the emergency, if safe & trained to do so.

If necessary...

- Close the door, if safe to do so. 3.
- Activate the "Break Glass" Alarm





5. Evacuate via your closest safe exit. **EXIT** 





Report the emergency to 0-000 & 9351-3333

#### **MEDICAL EMERGENCY**

- If a person is seriously ill/injured:
  - 1. call an ambulance 0-000
  - 2. notify the closest Nominated First Aid Officer

If unconscious—send for Automated External Defibrillator (AED)

AED <u>locations</u>.

NEAREST to CS Building (J12)

- Electrical Engineering Building, L2 (ground) near lifts
- Seymour Centre, left of box office
- Carried by all Security Patrol vehicles
- **3. call Security -** 9351-3333
- 4. Facilitate the arrival of Ambulance Staff (via Security)



#### **Nearest Medical Facility**

University Health Service in Level 3, Wentworth Building

First Aid kit – SIT Building (J12) kitchen area adjacent to Lab 110

#### **School of Computer Science Safety Contacts**

#### **CHIEF WARDEN**

Greg Ryan Level 1W 103 9351 4360 0411 406 322

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#### FIRST AID OFFICERS



Julia Ashworth Level 2E Reception 8627 9058



Will Calleja Level 1W 103 9036 9706 0422 001 964



Cecille Faraizi Level 2E 237 9351 6060

# Orally REPORT all INCIDENTS & HAZARDS to your SUPERVISOR

OR

Undergraduates: to Cecille Faraizi

9351 6060

Coursework

Postgraduates: to Julia Ashworth

8627 9058

or Keiko Narushima

8627 0872

CS School

Manager: Priyanka Magotra

8627 4295

#### **Assistance**

- There are a wide range of support services available for students: <a href="https://sydney.edu.au/campus-life/health-wellbeing-success.html">https://sydney.edu.au/campus-life/health-wellbeing-success.html</a>
- Please make contact, and get help
- You are not required to tell anyone else about this
- If you are willing to inform the unit coordinator, they may be able to work with other support to reduce the impact on this unit
  - eg provide advice on which tasks are most significant

#### **DISABILITY SERVICES**

#### Do you have a disability?

- You may not think of yourself as having a 'disability' but the definition under the
   Disability Discrimination Act is broad and includes temporary or chronic medical
   conditions, physical or sensory disabilities, psychological conditions and learning
   disabilities.
- The types of disabilities we see include:
- anxiety, arthritis, asthma, asperger's disorder, ADHD, bipolar disorder, broken bones, cancer, cerebral palsy, chronic fatigue syndrome, crohn's disease, cystic fibrosis, depression, diabetes, dyslexia, epilepsy, hearing impairment, learning disability, mobility impairment, multiple sclerosis, post traumatic stress, schizophrenia, vision impairment, and much more.
- Students needing assistance must register with Disability Services
  - it is advisable to do this as early as possible.
- http://sydney.edu.au/study/academic-support/disability-support.html

#### Do you have a disability?

You may not think of yourself as having a 'disability' but the definition under the **Disability Discrimination Act** (1992) is broad and includes temporary or chronic medical conditions, physical or sensory disabilities, psychological conditions and learning disabilities.

The types of disabilities we see include:
Anxiety // Arthritis // Asthma // Autism // ADHD
Bipolar disorder // Broken bones // Cancer
Cerebral palsy // Chronic fatigue syndrome
Crohn's disease // Cystic fibrosis // Depression
Diabetes // Dyslexia // Epilepsy // Hearing impairment //
Learning disability // Mobility impairment // Multiple
sclerosis // Post-traumatic stress // Schizophrenia //
Vision impairment
and much more.

Students needing assistance must register with Disability Services. It is advisable to do this as early as possible. Please contact us or review our website to find out more.



Disability Services Office sydney.edu.au/disability 02-8627-8422



#### Other support

- Learning support
  - http://sydney.edu.au/study/academic-support/learning-support.html
- International students
  - http://sydney.edu.au/study/academic-support/support-for-international-students.html
- Aboriginal and Torres Strait Islanders
  - http://sydney.edu.au/study/academic-support/aboriginal-and-torres-strait-islandersupport.html
- Student organization (can represent you in academic appeals etc)
  - http://srcusyd.net.au/ or http://www.supra.net.au/
- Please make contact, and get help
- You are not required to tell anyone else about this
- If you are willing to inform the unit coordinator, they may be able to work with other support to reduce the impact on this unit

eg provide advice on which tasks are most significant

#### **Advice**

- Metacognition
  - Pay attention to the learning outcomes in Canvas
  - Self-check that you are achieving each one
  - Think how each assessment task relates to these
- Time management
  - Watch the due dates
  - Start work early, submit early
- Networking and community-formation
  - Make friends and discuss ideas with them
  - Know your tutor, lecturer, coordinator
  - Keep them informed, especially if you fall behind
    - Don't wait to get help
- Enjoy the learning!