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Subject Overview

CSIT115 and CSIT882



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Outline

- Lecturer
- Subject contents
- Software
- Subject outlines
- Subject assessments
- Other important information
- Subject motto
- Other information

Lecturer - Dr Chen Chen

Email: chenc@uow.edu.au

Office: **3.211**

Consultation hours Week 1 – Week 6:

Tuesday	11:00 – 13:00	AEST
Wednesday	14:30 – 16:30	AEST

Please contact the lecturer via email or during the office hours.

Please clearly specify your **Student ID** and **subject code**
(CSIT115 or CSIT882) in your email

Do not contact the lecturer via Moodle

Lecturer - Dr Thanh Le Hoang

Email: tlhoang@uow.edu.au

Office: **3.215**

Consultation hours Week 7 – Week 13:

Monday **15:00 – 17:00** **AEST**

Friday **15:00 – 17:00** **AEST**

Please contact the lecturer via email or during the office hours.

Please clearly specify your **Student ID** and **subject code**
(CSIT115 or CSIT882) in your email

Do not contact the lecturer via Moodle

Subject Information – CSIT115 / CSIT882

Lectures: Week 1 – 13

Wednesday, 12:30-14:30

- hybrid mode
 - In-person at 40-153 Wollongong Campus
 - Online via Zoom
- Lecture recordings available on Moodle

Labs: Week 2 – 12

- Assignment tasks
- In-person, not recorded



CSIT115 contents

- The subject investigates three major areas of modern data management systems:
 - Database design
 - Database programming
 - Database security
- The subject presents the fundamental concepts in data management including:
 - Conceptual modeling
 - The relational data model and logical modeling
 - The processing of relational data with Structured Query Language (SQL)
 - Discretionary access control
 - Data security and integrity
 - Privacy and ethical concepts related to data management

CSIT882 contents

- Conceptual modeling
- The relational data model and logical modeling
- Graph data model, Physical and catalog classes
- Object meta modeling
- Design patterns
- Database normalization
- The processing of relational data with Structured Query Language (SQL)
- Transaction processing in database system
- Discretionary access control
- Data security and integrity
- Privacy and ethical concepts related to data management

Software

- UMLet 14.3: Conceptual modeling
 - MySQL: Database programming
 - VM VirtualBox
 - MySQL 8.0.25 installed on a virtual machine with Ubuntu 20.04
- or**
- MySQL Community Server

Mac M1/M2 have issues when installing the VirtualBox software. Please use the lab computer or install MySQL Community Server on Mac

Subject outlines

Subject outline contains information about:

- Subject organization
- Subject materials
- Attendance requirements
- Assessment
- Student academic consideration policy
- Plagiarism - University's Academic Integrity Policy

You must read subject outline !

CSIT115 assessments

- Assignment tasks: 3 assignments ($2 * 12\% + 16\% = 40\%$)
- Final examination: 60%

Assignment Submission: Online via Moodle

To be eligible for a Pass in this subject a student must achieve a mark of at least 40% of the total amount of marks available for the final examination. Students who fail to achieve this minimum mark & would have otherwise passed will be given a TF (Technical Fail) for this subject.

CSIT882 assessments

- Quizzes: 10 quizzes (40%)
- Assignment tasks: 3 assignments (0%)
 - Assignments of CSIT882 contribute no marks to your total marks of CSIT882
 - Assignment submission is not mandatory
- Final examination: 60%

Quiz and assignment Submission: Online via Moodle

To be eligible for a Pass in this subject a student must achieve a mark of at least 40% of the total amount of marks available for the final examination. Students who fail to achieve this minimum mark & would have otherwise passed will be given a TF (Technical Fail) for this subject.

Late Submission Penalties

- **Penalties apply to all late submissions**, except if academic consideration has been granted
<https://www.uow.edu.au/student/admin/academic-consideration/> (AC policy link)
- You must apply for Academic Consideration as soon as possible after the issue occurs.
- At a minimum you must apply no later than the due date
- 25% mark penalty per day for late submissions
 - Submissions received **more than 3 days late** will receive a mark of **zero**
 - e.g. if the assignment is marked on a scale from 0-12 and your mark is 10/12
 - 1 day late the mark will be reduced to 7/12
 - 2 days late the mark will be reduced to 4/10
 - ...
 - more than 3 days late the mark will be reduced to 0/10



Other important information

Make sure that the submissions of your coursework items (assignments and quizzes) are correct:

- **read and follow the submission procedures**
- **make sure that your submissions do not contain error messages**
- **make sure that you submit correct files**
- **make sure that your submission is on time**
- **compressed (zipped, rared, etc) files will not be evaluated**
- **email submissions will not be evaluated**

Other important information

- In a relation to all **submission deadlines** please apply a principle saying, that: **it is better to submit your work one hour too early than one second too late.**
- All lecture recordings will be available on Moodle in a section **Lecture recordings**
- All laboratory classes will have **Questions and Answers** format and due to the privacy reasons all laboratory classes will not be recorded.

Other important information

- Try to solve the problems included in the specifications of assignment tasks before attending a laboratory class in order to efficiently use supervised time.
- It is **strongly recommended** to attend the lectures and laboratory classes.
- In all requests about special consideration please follow the University regulations.

Other important information

Make sure to check the subject's Moodle site regularly

- Subject materials are made available on Moodle
- We will post announcements to Moodle from time to time such as frequently asked questions

Make sure to check your SOLS email frequently.

- All messages posted by the lecturer will be delivered to your SOLS email



Subject motto – by Dr Janusz Getta

**If we only hear a thing,
we soon forget it !**

**If we see it,
we remember it !**

**If we do it ourselves,
we know it !**

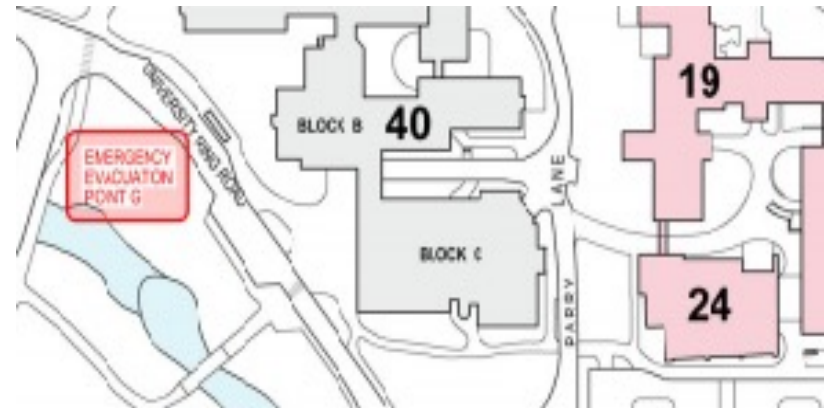
What to do in an emergency?

KEEP CALM – STAY SAFE

If the alarm sounds or you are notified to evacuate:

- Follow instructions of building warden or staff member
- Leave by the nearest safe emergency exit
- Proceed to your emergency evacuation assembly point
- Await further instructions
- Do not return to the building until it is safe to do so

The nearest assembly area for this building is:



If required to take shelter:

- Follow instructions of building warden or staff member
- Lock doors, close windows/blinds and seek refuge
- Await further instructions

