

Curtin Assist:

Academic Information

Unit Information:

Unit Study Package Code: ISAD3001

Title: Capstone Computing Project 2

Semester: Semester 1, 2024

Credit Value: 25.0

Prerequisite units: ISAD3000 (v.0) Capstone

Computing Project 1 or any previous version

Co-requisite units: Nil

Anti-requisite units: Nil

Unit Coordinator:

Title: Dr

Name: Hannes Herrmann

Phone: 08 9266 3309

Email: Hannes.Herrmann@curtin.edu.au

Location: Building: 314 - Room: 342

Teaching Staff:

Name: Geethanjali Wimalaratne

Email: Geethanjali.Wimalaratne@curtin.edu.au

Location: Building: 216

Assessment:

Assessment Policy Exemptions: None

Pass Requirements: Score 50% or more overall.

Be part of a group with a valid requirements document.

Late Assessment Policy: Penalties applied for late submissions.

Assessment Extension: Apply with supporting documentation.

Assessment Schedule:

Milestones

Value: 55%

Week: Ongoing (see calendar)

Day: Friday (see calendar)

Time: 5pm Western Australian Standard Time

Learning Outcomes Assessed: 1-5

Late Assessments Accepted?: Yes

Assessment Extensions Considered?: Yes

Final Submission

Value: 25%

Week: 13, Teaching Week 12

Day: Friday

Time: 5pm Western Australian Standard Time

Learning Outcomes Assessed: 2, 4, 5, 6

Late Assessments Accepted?: Yes

Assessment Extensions Considered?: Yes

Presentation

Value: 20%

Week: 14

Day: Early week (Monday and Tuesday)

Time: Starting 9am

Learning Outcomes Assessed: 2, 3

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Unit Information:

Unit Study Package Code: CNCO3003

Title: Mobile Cloud Computing

Credit Value: 25.0

Pre-requisite units: Nil

Co-requisite units: Nil

Anti-requisite units: CNCO5000 (v.0) Mobile

Cloud Computing or any previous version

Unit Coordinator:

Title: Dr

Name: Nazanin Mohammadi

Phone: 92664727

Email: n.mohammadi@curtin.edu.au

Location: Building: 314 - Room: 339

Teaching Staff:

Name: Nuwan Kodagoda

Email: nuwan.k@slit.lk

Introduction:

This unit provides a comprehensive understanding of cloud computing, covering theoretical foundations and practical skills essential for careers in cloud-related fields using current technologies. Topics include Cloud infrastructure, service models, platforms,

applications, security, management, and ethical and social implications.

Assessment:

Assessment Policy Exemptions: None

Pass Requirements: Final Mark of 50 or greater.

Assessment Schedule:

Laboratory Experiment

Value: 40%

Week: Weekly

Day/Time: TBA

Learning Outcomes Assessed: 1, 2, 3, 4

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Project Assignment

Value: 60%

Week: 13

Day/Time: TBA

Learning Outcomes Assessed: 1, 2, 3, 4

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Unit Information:

Unit Study Package Code: COMP3001

Title: Design and Analysis of Algorithms

Credit Value: 25.0

Prerequisite units:

1922 (v.0) Data Structures and Algorithms 120 or any previous version

OR COMP1002 (v.0) Data Structures and Algorithms or any previous version

OR COMP1000 (v.0) Unix and C Programming or any previous version

Co-requisite units: Nil

Anti-requisite units: Nil

Unit Coordinator:

Title: Dr

Name: Sie Teng Soh

Phone: 08 9266 2984

Email: S.Soh@curtin.edu.au

Location: Building: 314 - Room: 432

Teaching Staff:

Name: Samantha Rajapaksha

Phone: 117544127

Email: samantha.r@slit.lk

Location: Building: 8th Floor, FoC Building - Room: 3

Introduction:

Welcome to the Design and Analysis of Algorithms!

This unit focuses on standard algorithm design

techniques and analysis essential for computing

students. Topics include sorting problems, divide and conquer, greedy, dynamic programming, and algorithm resource requirement analysis.

Learning Resources:

Essential Texts:

T. H. Cormen, C. E. Leiserson, and R. L. Rivest,

Introduction to Algorithms, third or fourth edition, The MIT Press, 2009, 2022.

ISBN/ISSN: 9780262533058

Assessment:

Assessment Policy Exemptions: None

Pass Requirements:

Attempt both Test 1 and Test 2

At least 40% in the final examination

Overall unit assessment of at least 50%

Assessment Schedule:

Test 1

Value: 25%

Week: 7

Day: Tuesday, April 9

Time: 9am (local time)

Learning Outcomes Assessed: 1, 2, 3, 4

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Test 2

Value: 25%

Week: 10

Day: Friday, May 3

Time: 8.30am (local time)

Learning Outcomes Assessed: 1, 2, 3, 4

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Examination

Value: 50%

Week: TBD

Day: TBD

Time: TBD

Learning Outcomes Assessed: 1, 2, 3, 4

Late Assessments Accepted?: No

Assessment Extensions Considered?: Yes

Unit Information:

Unit Study Package Code: CMPE3008

Title: Software Engineering Testing

Credit Value: 25.0

Prerequisite units:

COMP1001 (v.0) Object Oriented Program Design or any previous version

OR COMP1007 (v.0) Programming Design and Implementation or any previous version

OR COMP1005 (v.0) Fundamentals of Programming or any previous version

AND ISAD1000 (v.0) Introduction to Software

Engineering or any previous version

Co-requisite units: Nil

Anti-requisite units: CMPE5000 (v.0) Advanced

Software Engineering Testing or any previous version

Unit Coordinator:

Title: Dr

Name: Sajib Mistry

Phone: 0892661640

Email: sajib.mistry@curtin.edu.au

Location: Building: 314 - Room: 435

Introduction:

Welcome to the Software Engineering Testing unit! This

unit emphasises software testing as an engineering activity crucial for producing high-quality software.

Students will learn various software testing and analysis methods for software quality assurance, including practical application of test criteria design.

Learning Resources:

Essential Texts:

Paul Ammann and Jeff Offutt, Introduction to Software Testing, Cambridge University Press, Second Edition, December 2016

ISBN/ISSN: 9781107172012

Assessment:

Assessment Policy Exemptions: None

Pass Requirements:

Achieve at least 40% in the final exam

Achieve at least 50% overall

Assessment Schedule:

Mid-semester Test

Value: 25%

Week: 7

Day: Lecture Day

Time: Lecture Time

Learning Outcomes Assessed: 1

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Group Assignment including Presentation

Value: 25%

Week: 12

Day: Monday

Time: 8:00am

Learning Outcomes Assessed: 1, 2, 3

Late Assessments Accepted?: Yes

Assessment Extensions Considered?: Yes

Final Exam

Value: 50%

Week: Examination Weeks

Day: TBD

Time: TBD

Learning Outcomes Assessed: 1, 2, 3

Late Assessments Accepted?: No

Assessment Extensions Considered?: No

Curtin Assist: User Guide

Firstly, let's start with the login process:

Logging In:

Enter your Curtin ID and Password to access Curtin Assist.

Signing Up:

If you're a new user:

Click on "Sign Up" at the bottom of the white card.

Provide your Curtin ID, First Name, Last Name, Email, Password, and Confirm Password.

Click on "Sign Up" to create your account.

Activating Account:

For users who have signed up but need to activate their account:

Click on "Activate Account."

Enter your Curtin ID and click "Activate."

An OTP will be sent to your email for verification.

Enter the OTP and click "Verify."

Resetting Password:

If you've forgotten your password:

Click on "Forgot Password."

Enter your Curtin ID and click "Send OTP."

After receiving the OTP, enter it, set a new password, and confirm it.

Secondly, let's explore the features available on the home page:

Home Page:

After logging in, you'll land on the Home Page.

Here, you'll see a greeting with your name and the number of new notifications.

Utilise the bell icon to preview notifications.

The Event Calendar displays upcoming events and activities. Use the date picker to view event details.

Announcements are categorised as "Important" and "Unimportant."

Access assistance and information about campus activities, events, and navigation using the floating chatbot icon.

Moving on to profile customization:

Profile Customization:

Click on your profile picture thumbnail at the top right corner.

Choose "My Account" or "Log out."

Selecting "My Account" allows you to update your Profile Picture, First Name, Last Name, Email Address, and Password.

Next, let's discuss subscribing to communication channels:

Subscribing to Communication Channels:

Navigate to the Channels page.

Click on the search icon to find specific modules, clubs, or activities.

Use the Add button to select a category from Modules, Sports, Clubs and Societies, Events, Academic, or Staff.

Choose your desired channel and click on it.

Confirm your subscription when prompted.

Now, let's cover placing an appointment:

Placing an Appointment:

Head to the Appointments page.

You'll find two sections: Appointment History on the left, and a form to create an appointment on the right.

To place an appointment:

Select a lecturer from the dropdown list.

Enter the reason for the appointment.

Choose a date and available time slot.

Click "Request" to submit the appointment.

Lastly, let's go over submitting a ticket:

Submitting a Ticket:

Go to the Tickets page.

You'll see two sections: Ongoing ticket submissions on the left and a form to submit a new ticket on the right.

To submit a new ticket:

Select the category from the dropdown list.

Enter a subject and summary for the ticket.

Click "Submit" to submit the ticket.

You'll receive an email confirmation with the ticket number.

Curtin Assist: Common Information

Curtin Ambassador Program:

The Curtin Ambassador Program provides an opportunity for enrolled students to develop personal and professional skills by sharing their university experiences with prospective students. Ambassadors participate in marketing events, activities, and projects, networking with peers along the way.

Who can be a Student Ambassador?

Current, enrolled Curtin students with relevant university life experience are encouraged to apply. The program is not available to online or OUA students.

Why be a Student Ambassador?

Personal and professional development
Official recognition through the Curtin Extra Certificate
Interpersonal, communication, and leadership skill development
Confidence in public speaking
Diverse team environment
Enhanced employability
Representation of Curtin University
Social and academic networking opportunities
What's involved?

Peer-to-peer perspective sharing
Participation in events, activities, or projects
Training and orientation sessions
For more information or to apply, contact studentambassadors@curtin.edu.au.

Curtin Student Guild:

The Curtin Student Guild, run for students by students, coordinates various social clubs and events on campus. It provides access to services, clubs, entertainment, giveaways, and more.

Clubs and Societies:

Explore interests and make friends by joining student clubs at Curtin. There are clubs for programming, engineering, dancing, music, drama, motorsports, esports, social impact, entrepreneurship, cultural interests, and more.

Sports: Swimming, Futsal, Cricket, Rugby, Basketball, Badminton, Table Tennis, Chess

Cultural and Social Events:

Experience campus events such as Holi, Sinhala and Tamil New Year celebrations, Unplugged), Iftar , Christmas), and Vesak Dansala).
Beach Clean Up

Parking:

Parking is available for both students and staff.

Locations of Lecture Halls:

Downstairs - Right Wing: LT105, LT 106, 105, 106, Academic Administration (Miss Tharukshi, Miss Roshein), Meeting Room 1, Student Engagement Officer's Office (Miss Charthri)
Downstairs - Left Wing: LT 101,LT 102,LT 103,LT 104, 101, 102, 103, 104, Common Area, Games Room, Canteen
Upstairs - Right Wing: Library, Discussion Room, LT 202, 202, LT 203, 203, LT 204, 204, LT 205,205, LT 206, 206, Laptop Lab, LT 207, 207
Upstairs - Left Wing: Board Room, Meeting Room 2, Executive Offices, Dr. Athula Pitigala Arachchi's Office, Professor Mahesha's Office, Mr. Uditha Gamage's Office, Staff Room, LT 101, Engineering Lab, Computing Lab

If there is something that is not available on this document, contact the Academic Administration for academic related questions or Student Engagement Officer for any other problems.