



## Subject Outline

**MATH221**

**Mathematics for Computer Science**

**Autumn Session 2021**

Wollongong  
On Campus

*This subject has been adjusted for remote delivery in Autumn Session in 2021 due to the Coronavirus Pandemic.*

**Credit Points:** 6

**Pre-requisites:** Nil

**Co-requisites:** Nil

**Equivalences (or  
not to count  
with):** Nil

# Table of Contents

Section A: Subject Information .....	4
SUBJECT CONTACTS .....	4
SUBJECT DETAILS.....	5
Subject Description .....	5
Subject Learning Outcomes .....	5
Assessment Summary .....	5
Student Workload.....	5
Subject Changes and Response to Student Feedback .....	5
Extraordinary Changes to the Subject Outline .....	6
Learning Analytics .....	6
Your Privacy - Lecture Recording .....	6
Additional Information About This Subject.....	6
ELEARNING, READINGS, REFERENCES AND MATERIALS .....	6
Subject eLearning.....	6
Major Text.....	6
Recommended Readings.....	7
References .....	7
Other Resources .....	7
Additional Requirements / Materials to be Purchased.....	7
LECTURES AND OTHER LEARNING ACTIVITIES.....	8
Lecture and Contact Hours.....	8
Minimum Attendance Requirements .....	8
Lecture Recordings .....	8
Lecture Schedule.....	9
Section B: Assessment.....	11
ASSESSMENT TASKS .....	11
Minimum Performance Requirements .....	11
Requirements Related to Student Contributions .....	11
Referencing .....	11
Detailed Assessment Information .....	11
Academic Integrity .....	13
SUBMISSION AND RETURN OF ASSESSMENTS.....	13
Procedures for the Submission and Return of Assessed Work .....	13
Late Submission of Assessment Tasks and Penalties .....	13

Extensions .....	13
Retention of Submitted Work .....	14
<b>GENERAL ASSESSMENT INFORMATION .....</b>	<b>14</b>
Academic Consideration .....	14
Reasonable Adjustment.....	14
Deferred Exams.....	14
Supplementary Assessment.....	14
Scaling.....	14
Student Academic Complaints Policy.....	15
Assessment Quality Cycle.....	15
UOW Grade Descriptors .....	15
<b>Section C: General Advice for Students .....</b>	<b>17</b>
<b>STUDENT SUPPORT .....</b>	<b>17</b>
Student Advocacy Service .....	17
Faculty of Engineering & Information Sciences - Student Central.....	17
Student Support Adviser (SSA) .....	17
Library Services .....	17
<b>POLICIES AND GUIDELINES .....</b>	<b>18</b>

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## **Section A: Subject Information**

### **SUBJECT CONTACTS**

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#### **Subject Coordinator**

<b>Name</b>	Dr Chayne Planiden
<b>Telephone</b>	4221 4564
<b>Email</b>	chayne@uow.edu.au
<b>Room</b>	39C.156
<b>Consultation Times</b>	Wednesday 10:00 - 12:00 Thursday 13:30 - 15:30

#### **Lecturer**

<b>Name</b>	Dr Chayne Planiden
<b>Telephone</b>	4221 4564
<b>Email</b>	chayne@uow.edu.au
<b>Room</b>	39C.156
<b>Consultation Times</b>	Wednesday 10:00 - 12:00 Thursday 13:30 - 15:30

## SUBJECT DETAILS

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### Subject Description

MATH221 delivers core skills required for learning in computer science. Such skills include logic, formal proof, formal data structures and relations between these data structures. Realised mathematically as sets, bijections, equivalence classes, and graphs, MATH221 gives students hands-on experience with basic mathematical manipulations of these structures, as well as an exposition on their most fundamental properties.

### Subject Learning Outcomes

On successful completion of this subject, students will be able to:

1. Apply mathematical principles to the interpretation of data, the formulation and solution of problems and the critical analysis of answers for use in a range of problems in both mathematics and computer science;
2. Construct truth tables for logical expressions; test statements for logical equivalence and represent mathematical statements in the language of predicate logic;
3. Use appropriate methods of proof to derive results in set theory, number theory and the elementary theory of relations and functions;
4. Define the basic elements of graph theory, and apply these in analysing types of graphs;
5. Demonstrate knowledge of elementary discrete probability.

### Assessment Summary

No.	Assessment Name	Assessment Weight	Mapping to Subject Learning Outcome	Task Due
1	Assignments	20%	SLO1, SLO2, SLO3, SLO4, SLO5	09 Apr 2021 (Friday in Session Week 6) 28 May 2021 (Friday in Session Week 12) Final submission time: 5:00pm
2	Quizzes	30%	SLO1, SLO2, SLO3, SLO4, SLO5	02 Apr 2021 (Friday in Session Week 5) 07 May 2021 (Friday in Session Week 9) 04 Jun 2021 (Friday in Session Week 13) Final submission time: 5:00pm
3	Final exam	50%	SLO1, SLO2, SLO3, SLO4, SLO5	UOW Exam Period

Detailed assessment information is available in Section B of the subject outline.

### Student Workload

Students should note that UOW policy equates 1 credit point with 2 hours of study per week, including lectures and tutorials/workshops/practicals, self-directed study and work on assessment tasks. For example, in a 6 credit point subject, a total of 12 hours of study per week is expected.

### Subject Changes and Response to Student Feedback

The School is committed to continual improvement in teaching and learning and takes into consideration student feedback from many sources. These sources include direct student feedback to tutors and lecturers, feedback through Student Services and the Faculty Central, and responses to the Subject Evaluation Surveys. This information is also used to inform comprehensive reviews of subjects and courses.

Assessment added: tutorial quizzes (2)

## **Extraordinary Changes to the Subject Outline**

In extraordinary circumstances the provisions stipulated in this Subject Outline may require amendment after the Subject Outline has been distributed. All students enrolled in the subject must be notified and have the opportunity to provide feedback in relation to the proposed amendment, prior to the amendment being finalised.

## **Learning Analytics**

*"Where Learning Analytics data (such as student engagement with Moodle, access to recorded lectures, University Library usage, task marks, and use of SOLS) is available to the Subject Coordinator, this may be used to assist in analysing student engagement, and to identify and recommend support to students who may be at risk of failure. If you have questions about the kinds of data the University uses, how we collect it, and how we protect your privacy in the use of this data, please refer to <https://www.uow.edu.au/about/privacy/index.html>".*

## **Your Privacy - Lecture Recording**

In accordance with the Student Privacy & Disclosure Statement, when undertaking our normal teaching and learning activities, the University may collect your personal information. This collection may occur incidentally during the recording of lectures in equipped venues (i.e., when your identity can be ascertained by your image, voice or opinion), therefore the University further advises students that:

- Lecture recordings are made available to students, university staff, and affiliates, securely on the university's Echo360 ALP (Active Learning Platform) and via the subject Moodle eLearning site;
- Recordings are made available only for which they were recorded, for example, as a supplemental study tool or to support equity and access to educational resources;
- Recordings are stored securely for up to four years.

If you have any concerns about the use or accuracy of your personal information collected in a lecture recording, you may approach your Subject Coordinator to discuss your particular circumstances.  
The University is committed to ensuring your privacy is protected. If you have a concern about how your personal information is being used or managed please refer to the University's Privacy Policy or consult our Privacy webpage <https://www.uow.edu.au/privacy/>

## **Additional Information About This Subject**

N/A

## **ELEARNING, READINGS, REFERENCES AND MATERIALS**

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### **Subject eLearning**

The University uses the eLearning system Moodle to support all coursework subjects. To access eLearning you must have a UOW user account name and password, and be enrolled in the subject. eLearning is accessed via SOLS (Student Online Service). Log on to SOLS and then click on the eLearning link in the menu column.

The University is committed to providing a safe, respectful, equitable and orderly environment for the University community, and expects each member of that community to behave responsibly and ethically. Students must comply with the University's [Student Conduct Rules](#) and related policies including the [IT Acceptable Use Policy](#) and [Bullying Prevention Policy](#), whether undertaking their studies face-to-face, online or remotely. For more information on appropriate communication and etiquette in the online environment please refer to the guide [Online and Email Etiquette](#).

### **Major Text**

None

## **Recommended Readings**

EPP, SUSANNA S. 1993, DISCRETE MATHEMATICS WITH APPLICATIONS  
LUCAS, JOHN F. 1986. INTRODUCTION TO ABSTRACT MATHEMATICS  
Ralph P Grimaldi. Discrete and Combinatorial Mathematics

Students are encouraged to use the UOW Library catalogue and databases to locate additional resources including the e-readings list: <https://ereadingsprd.uow.edu.au/>

## **References**

N/A

Students are encouraged to use the UOW Library catalogue and databases to locate additional resources.

## **Other Resources**

N/A

## **Additional Requirements / Materials to be Purchased**

N/A

## **LECTURES AND OTHER LEARNING ACTIVITIES**

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### **Lecture and Contact Hours**

Current timetable information is located at <https://www.uow.edu.au/student/timetables>

### **Minimum Attendance Requirements**

Students are expected to attend all lectures and tutorials. Attendance is automatically recorded for classes; Zoom logs your entrance/exit times to the classroom. Where attendance is affected due to illness or misadventure, an application for academic consideration must be lodged. Failure to comply with mandatory minimum attendance requirements may constitute grounds for the award of a grade of Technical Fail (TF) in this subject.

### **Lecture Recordings**

The University of Wollongong supports the recording of lectures as a supplemental study tool, to provide students with equity of access, and as a technology-enriched learning strategy to enhance the student experience.

If you make your own recording of a lecture you can only do so with the explicit permission of the lecturer and those people who are also being recorded. You may only use recorded lectures, whether they are your own or recorded by the university, for your own educational purposes. Recordings cannot be altered, shared or published on another platform, without permission of the University, and to do so may contravene the University's Copyright Policy, Privacy Policy, Intellectual Property Policy, IT Acceptable Use Policy and Student Conduct Rules. Unauthorised sharing of recordings may also involve a breach of law under the Copyright Act 1969.

Most lectures in this subject will be recorded, when they are scheduled in venues that are equipped with lecture recording technology, and made available via the subject Moodle site with 48 hours.

## Lecture Schedule

This is a guide to the weekly lecture topics however the delivery date of these topics may on occasion vary due to unforeseen circumstances, such as the availability of a guest lecturer or access to other resources.

Week Beginning	Lecture Topics	Tutorial/Workshop/Laboratory/Demonstration/Field Work	Readings/Other subject information	Task Due
<b>Week 1 01 Mar 2021 (Monday)</b>	Logic 1 & 2	No tutorial	Notes on Moodle	
<b>Week 2 08 Mar 2021 (Monday)</b>	Logic 3 & 4	Logic 1 & 2	Notes on Moodle. Supplied exercise sheets.	
<b>Week 3 15 Mar 2021 (Monday)</b>	Logic 5 & Combinatorics	Logic 3 & 4	Notes on Moodle. Supplied exercise sheets.	
<b>Week 4 22 Mar 2021 (Monday)</b>	Discrete Probability	Logic 5 & Combinatorics. Quiz 1 in tutorials.	Notes on Moodle. Supplied exercise sheets.	
<b>Week 5 29 Mar 2021 (Monday)</b>	Overflow material & Practice Test	Discrete Probability & Revision	Notes on Moodle. Practice Test available. Supplied exercise sheets. Assignment 1 available.	Quiz 1
<b>Week 6 06 Apr 2021 (Tuesday)</b>	In Session Test & Review	In Session Test & Review	Notes on Moodle. Supplied exercise sheets.	Assignment 1
<b>Week 7 12 Apr 2021 (Monday)</b>	Numbers 1 & 2	Numbers 1	Notes on Moodle. Supplied exercise sheets.	
<b>19 Apr 2021</b>	<b>Mid-Session Recess</b>			
<b>Week 8 26 Apr 2021 (Monday)</b>	Numbers 3 & 4	Numbers 2 & 3	Notes on Moodle. Supplied exercise sheets.	
<b>Week 9 03 May 2021 (Monday)</b>	Sets 1 & 2	Numbers 4 & Sets 1	Notes on Moodle. Supplied exercise sheets.	Quiz 2

<b>Week 10</b> <b>10 May 2021</b> <b>(Monday)</b>	Relations 1 & 2	Sets 2 & Relations 1 Quiz 2	Notes on Moodle. Supplied exercise sheets.	
<b>Week 11</b> <b>17 May 2021</b> <b>(Monday)</b>	Graphs 1 & 2	Relations 2 & Graphs 1	Supplied exercise sheets. Assignment 2 available. Practice test available.	
<b>Week 12</b> <b>24 May 2021</b> <b>(Monday)</b>	Graphs 3 & Practice Test	Graphs 2 & 3 & Revision	Notes on Moodle. Supplied exercise sheets.	Assignment 2
<b>Week 13</b> <b>31 May 2021</b> <b>(Monday)</b>	In Session Test & Review	In Session Test & Review	Notes on Moodle. Practice final available.	Quiz 3
<b>07 Jun 2021</b>	<b>Study Recess</b>			
<b>14 Jun 2021</b>	<b>Examinations</b>			

# **Section B: Assessment**

## **ASSESSMENT TASKS**

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### **Minimum Performance Requirements**

Students are expected to attend all lectures and tutorials. Attendance is automatically recorded for classes; Zoom logs your entrance/exit times to the classroom. Where attendance is affected due to illness or misadventure, an application for academic consideration must be lodged. Failure to comply with mandatory minimum attendance requirements may constitute grounds for the award of a grade of Technical Fail (TF) in this subject.

All assessment tasks must be submitted on Moodle in pdf format.

Students who do not meet the minimum performance requirements, as specified for each assessment, will receive a TF (Technical Fail) grade for this subject, which will appear on your Academic Transcript.

### **Requirements Related to Student Contributions**

N/A

### **Referencing**

Please consult the UOW Library website for further information: <https://uow.libguides.com/refcite>

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### **Detailed Assessment Information**

<b>Assessment 1</b>			
<b>Assessment Name</b>	Assignments	<b>Assessment Type</b>	Assignment
<b>Weighting</b>	20%		
<b>Subject Learning Outcomes Assessed</b>	SLO1, SLO2, SLO3, SLO4, SLO5	<b>Individual or Group Assessment</b>	Individual
<b>Due Date</b>	09 Apr 2021 (Friday in Session Week 6) 28 May 2021 (Friday in Session Week 12) Final submission time: 5:00pm		
<b>Assessment Description and Criteria</b>	Written answers to questions circulated in tutorial Weeks 5 and 11 (also available via Moodle), marked on clarity and correctness of solutions. Assignments are designed to assess your knowledge and are expected to be your own work. Each assignment will give you valuable feedback on your progress and understanding of the subject material.		
<b>Length / Duration</b>	1-2 pages of problems to solve.		
<b>Method of Submission</b>	Online via Moodle		
<b>Return of Assessed Work</b>	Moodle.		

Assessment 2			
Assessment Name	Quizzes	Assessment Type	Quiz
<b>Weighting</b>	30%		
<b>Subject Learning Outcomes Assessed</b>	SLO1, SLO2, SLO3, SLO4, SLO5	Individual or Group Assessment	Individual
<b>Due Date</b>	02 Apr 2021 (Friday in Session Week 5) 07 May 2021 (Friday in Session Week 9) 04 Jun 2021 (Friday in Session Week 13) Final submission time: 5:00pm		
<b>Assessment Description and Criteria</b>	Theory and practical questions on the topics of recent weeks. Correct multiple-choice response, Moodle quiz.		
<b>Length / Duration</b>	20 questions.		
<b>Method of Submission</b>	Online via Moodle		
<b>Return of Assessed Work</b>			

Assessment 3			
Assessment Name	Final exam	Assessment Type	Exam
<b>Weighting</b>	50%		
<b>Subject Learning Outcomes Assessed</b>	SLO1, SLO2, SLO3, SLO4, SLO5	Individual or Group Assessment	Individual
<b>Due Date</b>	UOW Exam Period		
<b>Assessment Description and Criteria</b>	QUESTIONS TO BE ANSWERED UNDER EXAM CONDITIONS. THE FINAL EXAM WILL BE A COMPREHENSIVE EXAMINATION OF ALL MATERIAL IN THE SUBJECT. NOTE: FAILURE TO ACHIEVE A GRADE OF 40% OR HIGHER ON THE FINAL EXAM IS GROUNDS FOR FAILURE OF THE SUBJECT, REGARDLESS OF PERFORMANCE IN THE OTHER ASSESSMENT ASPECTS.		
<b>Length / Duration</b>	3 hours.		
<b>Method of Submission</b>	Online via Moodle		
<b>Return of Assessed Work</b>	Not returned.		

## **Academic Integrity**

The University's policy on acknowledgement practice and plagiarism provides detailed information about how to acknowledge the work of others: <https://www.uow.edu.au/about/policy/UOW058648.html>

The University's Academic Integrity Policy, Faculty Handbooks and subject guides clearly set out the University's expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full), which you have submitted previously for assessment, is not permitted without appropriate acknowledgement or without the explicit permission of the Subject Coordinator. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as 'resources'), is extremely unwise. Students who provide an assessment item (or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the University to be intentionally or recklessly helping other students to cheat. Uploading an assessment task, subject outline or other course materials without express permission of the university is considered academic misconduct and students place themselves at risk of being expelled from the University.

## **SUBMISSION AND RETURN OF ASSESSMENTS**

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### **Procedures for the Submission and Return of Assessed Work**

Submission and return of assessment are outlined above in the corresponding assessment description.

End of session examinations are not returned to students. Students wishing to view their end of session examination will need to contact the subject coordinator to arrange a time for viewing. End of session examination papers are held by the School in a secure location for a period of one year before the papers are disposed of securely.

### **Late Submission of Assessment Tasks and Penalties**

Assessed work must be handed in by the date and time given.

- Penalties apply to all late assessments, except if student academic consideration has been granted. A new submission date may be given if Student Academic Consideration has been granted, however the late penalties below apply if not received by the new date.
- Late assignment submissions will attract a penalty of 10% *of the total assessment mark for that task* per day or part thereof, including weekends.
- Submissions received 7 days after the due date will receive no marks.
- If an assessment is submitted late, it will be marked in the normal way, and a penalty will then be applied.
- Submissions received 15 days after the due date will receive no feedback. However, lecturers may choose to provide feedback at their discretion.

For example: A report is worth 20% of the total mark for the subject. A student submits the report 3 days late (the assessment is due Friday, but the student submits the report on Monday after the submission date). Late submissions are penalised 10% each day late. As a result of the late submission the student will be penalised by 30% of the mark that the student received for that assessment. The report was marked as 65%. Applying the penalty will finalise the mark at 35%.

### **Extensions**

Extensions of time to submit material for assessment can only be requested in advance of the due date for an assessment activity through the Academic Consideration process on SOLS. For more information, please refer to the Student Academic Consideration Policy at: <http://www.uow.edu.au/about/policy/UOW058721.html>

## **Retention of Submitted Work**

The University may retain copies of student work in order to facilitate quality assurance of assessment processes, in support of the continuous improvement of assessment design, assessment marking and for the review of the subject. The University retains records of students' academic work in accordance with the University Records Management Policy and the State Records Act 1988 and uses these records in accordance with the University Privacy Policy and the Privacy and Personal Information Protection Act 1998.

## **GENERAL ASSESSMENT INFORMATION**

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### **Academic Consideration**

If you believe that your submission of, performance in or attendance at an assessment activity, including an examination, has been affected on compassionate grounds, by illness or by other serious extenuating circumstances beyond your control, you can apply for academic consideration in Student OnLine Services (SOLS). Do not assume that an application for academic consideration will be automatically granted. For more information please refer to the Student Academic Consideration Policy at: <https://www.uow.edu.au/about/policy/UOW058721.html>

In some circumstances you may be offered a deferred exam. For more information about Deferred and Supplementary Exams refer to: <https://www.uow.edu.au/student/exams/aboutsupp/index.html>

### **Reasonable Adjustment**

If you have a disability or a medical condition which may disadvantage you in your assessment tasks, you can apply to have the conditions of your exams adjusted to take your disability or condition into account. In particular students cannot assume that a reasonable adjustment document automatically gives a right to a deferred or supplementary exam. Students with a disability may be entitled to reasonable adjustment to assessment. A reasonable adjustment document obtained through Disability Services is a recommendation that needs to be discussed and ratified by subject coordinators. Normal subject assessment requirements can only be adjusted with the explicit written permission of the subject coordinator.

### **Deferred Exams**

Deferred Exams are for students who applied for Academic Consideration to request to sit their exam again, and had their application approved by their subject coordinator.

For more information about Supplementary or Deferred Exams refer to -  
<https://www.uow.edu.au/student/exams/supplementary-exams/>

### **Supplementary Assessment**

Supplementary assessment may be offered to students whose performance in this subject is close to that required to pass the subject, and are otherwise identified as meriting an offer of a supplementary assessment. The Subject Coordinator will determine the precise form of supplementary assessment at the time the offer of a supplementary is made. In some circumstances you may be offered a supplementary exam. For more information about Supplementary Exams refer to: <https://www.uow.edu.au/student/exams/aboutsupp/index.html>

### **Scaling**

Marks awarded for any assessment task or part of any assessment task, including an examination may be subject to scaling at the end of the session. Marks will be scaled only when unpredicted circumstances occur and in order to ensure fairness of marking across groups of students. The method of scaling will depend on the type of scaling required by the circumstances. When scaling is deemed necessary, it will follow a detailed consideration by the Unit Assessment Committee and/or the Faculty Assessment Committee of the marks of the group of students concerned. Scaling will not affect any individual student's rank order within their cohort. For more information please refer to Standards for the Finalisation of Student Results Schedule 1: Scaling Guidelines <https://www.uow.edu.au/about/policy/UOW039331.html> for details.

## **Student Academic Complaints Policy**

In accordance with the Coursework Student Academic Complaints Policy, a student may request an explanation of a mark for an assessment task or a final grade for a subject consistent with the student's right to appropriate and useful feedback on their performance in an assessment task. Refer to the Coursework Student Academic Complaints Policy for further information - <https://www.uow.edu.au/about/policy/UOW058653.html>

## **Assessment Quality Cycle**

The University of Wollongong is committed to the quality assurance and quality enhancement of assessment. The University will meet its legislative and regulatory obligations, to ensure consistent and appropriate assessment through course management and coordination, including assessment quality assurance procedures. An Assessment Quality Cycle is used to describe quality assurance at the points of assessment design, assessment delivery, the declaration of marks and grades, and review and improvement activities.

## **UOW Grade Descriptors**

The UOW Grade Descriptors are general statements that communicate what our grades represent, in terms of standards of performance, and provide a frame of reference to ensure that assessment practice across the University is appropriate, consistent and fair. Grade Descriptors are expressed in general terms so that they are applicable to a broad range of disciplines. For more information on the UOW grade descriptors see: <https://www.uow.edu.au/curriculum-transformation/aqc/uowgradedescriptors/index.html>

Grade	Mark (%)	Descriptor
High Distinction (HD)	85-100	<p>For performance that provides evidence of an outstanding level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a distinction grade plus (as applicable) one or more of the following:</p> <ul style="list-style-type: none"><li>• consistent evidence of deep and critical understanding</li><li>• substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem-solving approaches</li><li>• critical evaluation of problems, their solutions and their implications</li><li>• use of quantitative analysis of data as the basis for deep and thoughtful judgments, drawing insightful, carefully qualified conclusions from this work</li><li>• creativity in application as appropriate to the discipline</li><li>• eloquent and sophisticated communication of information and ideas in terms of the conventions of the discipline</li><li>• consistent application of appropriate skills, techniques and methods with outstanding levels of precision and accuracy</li><li>• all or almost all answers correct, very few or none incorrect</li></ul>
Distinction (D)	75-84	<p>For performance that provides evidence of a superior level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a credit grade plus (as applicable) one or more of the following:</p> <ul style="list-style-type: none"><li>• evidence of integration and evaluation of critical ideas, principles, concepts and/or theories</li><li>• distinctive insight and ability in applying relevant skills, techniques, methods and/or concepts</li><li>• demonstration of frequent originality in defining and analysing issues or problems and providing solutions</li><li>• fluent and thorough communication of information and ideas in terms of the conventions of the discipline</li><li>• frequent application of appropriate skills, techniques and methods with superior levels of precision and accuracy</li><li>• most answers correct, few incorrect</li></ul>

Credit (C)	65-74	<p>For performance that provides evidence of a high level of attainment of the relevant subject learning outcomes, demonstrating the attributes of a pass grade plus (as applicable) one or more of the following:</p> <ul style="list-style-type: none"> <li>• evidence of learning that goes beyond replication of content knowledge or skills</li> <li>• demonstration of solid understanding of fundamental concepts in the field of study</li> <li>• demonstration of the ability to apply these concepts in a variety of contexts</li> <li>• use of convincing arguments with appropriate coherent and logical reasoning</li> <li>• clear communication of information and ideas in terms of the conventions of the discipline</li> <li>• regular application of appropriate skills, techniques and methods with high levels of precision and accuracy</li> <li>• many answers correct, some incorrect</li> </ul>
Pass (P)	50-64	<p>For performance that provides evidence of a satisfactory level attainment of the relevant subject learning outcomes, demonstrating (as applicable) one or more of the following:</p> <ul style="list-style-type: none"> <li>• knowledge, understanding and application of fundamental concepts of the field of study</li> <li>• use of routine arguments with acceptable reasoning</li> <li>• adequate communication of information and ideas in terms of the conventions of the discipline</li> <li>• ability to apply appropriate skills, techniques and methods with satisfactory levels of precision and accuracy</li> <li>• a combination of correct and incorrect answers</li> </ul>
Fail (F)		<p>For performance that does not provide sufficient evidence of attainment of the relevant subject learning outcomes.</p>
Technical Fail (TF)		<p>When minimum performance level requirements for at least one assessment item in the subject as a whole has not been met despite the student achieving at least a satisfactory level of attainment of the subject learning outcomes.</p>
Satisfactory (S)		<p>Awarded for performance that demonstrates a satisfactory level of attainment of the relevant subject learning outcomes.</p>
Unsatisfactory (U)		<p>Awarded for performance that demonstrates an unsatisfactory level of attainment of the relevant subject learning outcomes.</p>

## Section C: General Advice for Students

### STUDENT SUPPORT

There are a range of services available to students that are provided free of charge. A good place to get to know services that may be of use to you is the Get Started @ UOW web page, accessed here <https://getstarted.uow.edu.au/index.html> or search for "Get Started @ UOW". Services available include:

Service	Link to information about the service
Aboriginal & Torres Strait Islander	<a href="https://www.uow.edu.au/wic/about1/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/wic/about1/index.html?ssSourceSiteId=getstarted</a>
Careers advice	<a href="https://www.uow.edu.au/careers/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/careers/index.html?ssSourceSiteId=getstarted</a>
Counselling	<a href="https://www.uow.edu.au/student/counselling/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/student/counselling/index.html?ssSourceSiteId=getstarted</a>
Disability	<a href="https://www.uow.edu.au/student/disability/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/student/disability/index.html?ssSourceSiteId=getstarted</a>
Information Tech.	<a href="https://www.uow.edu.au/its/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/its/index.html?ssSourceSiteId=getstarted</a>
Study Skills	<a href="https://www.uow.edu.au/student/learningcoop/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/student/learningcoop/index.html?ssSourceSiteId=getstarted</a>
Student Support Advisors	<a href="https://www.uow.edu.au/student/services/SSA/index.html?ssSourceSiteId=getstarted">https://www.uow.edu.au/student/services/SSA/index.html?ssSourceSiteId=getstarted</a>

### Student Advocacy Service

The Student Advocacy Service (SAS) is free, confidential and independent service for all UOW students. The SAS provides advocacy and referral for a range of academic, procedural and administrative issues. For more information visit: <https://www.uow.edu.au/student/support-services/advocacy/>

### Faculty of Engineering & Information Sciences - Student Central

EIS Student Central is your first point of contact for a wide range of enquiries;

**Location: Building 4.G14**  
**Telephone: +61 2 4221 3491**  
**Email: [eis@uow.edu.au](mailto:eis@uow.edu.au)**

### Student Support Adviser (SSA)

If you have a temporary or ongoing issue or a problem that is affecting your study, including issues that are related to belonging to an equity group, then the Student Support Advisers may be able to help. There are Student Support Advisers available to assist students who are studying at all UOW Campuses and in all UOW Faculties. Contact details can be found on the UOW website: <https://www.uow.edu.au/student/support-services/advisers/>

### Library Services

To save yourself time and enhance your studies: connect with information specialists and resources anytime, anywhere via Ask Us: <https://www.library.uow.edu.au/ask/index.html> or Google "UOW library ask us".

<b>Online - Ask a Librarian</b>	Ask questions and receive a response within 1 business day (Wollongong time)
<b>In person - Book a Librarian</b>	30-minute appointment with a Librarian
<b>Research Consultation Service</b>	1 hour appointment with an information specialist. Available to UOW academics, HDRs, Postgraduate Coursework, Honours and Masters students.
<b>By phone</b>	+61 2 4221 3548

## **POLICIES AND GUIDELINES**

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The University of Wollongong has a number of policies and guidelines that govern student and course management that students need to be aware of, a summary of these is available at <https://www.uow.edu.au/engineering-information-sciences/current-students/policies-guidelines/>