

Design Studio One

ARCH5112: School of Architecture: 2023

5112 Design Studio One General Studio Introduction

TIMETABLE

Monday	08:00 – 12:00	Studio Tutors
Wednesday	10:00 – 12:00	Self-Directed, Arch. Rep. Tutors
Thursdays	13:00 – 17:00	Studio Tutors

STUDIO COURSE DESCRIPTION – Learning Outcomes

To begin to teach the design of buildings, students explore and resolve simple architectural propositions using fundamental concepts and parameters.

They investigate, analyse, produce and communicate design solutions with strategies used in building design practice.

By the end of the year, students who successfully complete this course should be able to demonstrate their abilities to:

1. Explore elementary issues of architectural design
2. Demonstrate basic drawing skills (in plan, section, elevation and perspective) and an understanding of scales
3. Execute hard-line axonometric, perspective and orthographic drawings in a variety of media
4. Investigate through creative architectural propositions the different perceptions viewers (client, architect, user) can bring to architectural space
5. Communicate design concepts using both verbal and visual modes through a variety of graphic media and physical models

COURSE REQUIREMENTS

Projects will require a significant investment of time BOTH inside the studios AND outside.

When students engage with a project well, they spend many hours thinking about it in the background of the rest of their lives. They have sketch books with them 24/7 to record thoughts, images and ideas which may come upon them at any time.

Students are encouraged to work in the studio as well as working at home, or in other environments which assist them with their fabrication/sketching/recording/experimentation. Home is not often a sufficiently stimulating environment.

For students to succeed, they need to attend full studio sessions and participate, have the proper tools, paper, research materials and modelling supplies necessary to be able to generate and discuss work with tutors and each other.

Desk critiques provide the majority of the contact time students have with tutors.

Students are expected to bring new work to review at each studio session – this means new drawings and/or models of your design.

Reading and thinking are integral to the design process as is drawing and model investigations. Readings will be required using recommended books, PDFs on Moodle, and the architecture library.

STUDIO ETIQUETTE

All students are expected to conduct themselves in a mature, respectful, and responsible manner while in the studio.

The worktables are shared with other students and classes.

All students are expected to contribute to the overall neatness and order of the studio space.

When you arrive in studio each day make sure that your work area is clean, that includes the floor, storage compartments and tabletops.

Allow five minutes before the end of class to repeat this procedure in preparation for the arrival of your colleagues in the next session.

No mobile phone or audio device use is allowed during scheduled studio or lecture times unless for research directly related to the tasks assigned in class.

For health and maintenance reasons, there is absolutely no spraying of aerosol cans (spray fixative, glue, paint, etc.) allowed in the studio.

Be alert at all times in and around the building, particularly when entering or exiting the building at night.

Do not leave valuables unsecured at any time.

DIGITAL HAND-IN

Every assessment event must be accompanied by a Digital Hand-In which is due generally by 4:00pm of the day following the Pin-up Submission.

This Digital Hand-In **MUST** include a high-quality image of

- **the overall Pin-Up as presented on the wall for the assessment in Studio**
- **a scan or photograph of each component of your submission**

Take time and care to ensure these images are in focus and are both well-lit and well-framed.

Collate and compose all the images of photographs and drawings into a single PDF document for uploading.

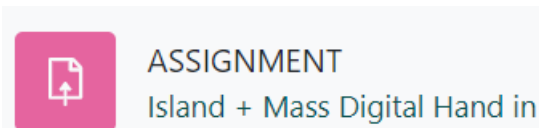
Include a title page, subtitles, figure numbers and captions in your layout.

Clearly label the file with your surname, name and the title of the project being submitted

e.g. Newman, Pip_Island + Mass

Upload the PDF to Moodle.

Go to the ARCH5112 Design Studio 1 Moodle page and click on the relevant icon



Follow the instructions.

EVALUATION AND GRADING

The grade for each exercise will be derived through evaluation in four areas:

1. **Clarity** - generation and articulation of ideas
2. **Methods** - understanding and application of technique, research, support and iterative processes that resolve and refine projects
3. **Development** - research, support and iterative processes that resolve and refine projects
4. **Presentation** - compelling submission of work using skills of composition and craft

RESULTS are assigned as follows:

A (100 - 80%), **B** (79 - 65%), **C** (64 - 50%), **D** (49 - 40%), **E** (39 - 0%)

Student feedback is given by arrangement with tutors the week following assignment.

ASSESSMENTS

A student's final grade for any course is calculated from an aggregation of all summative assessment activities prescribed for that course. To be eligible to pass any course where the summative assessment includes a final examination, a minimum mark of 40% must be obtained in that examination. The following grading scale applies in the Bachelor of Architectural studies Programme:

Grade	Mark range
A+	90 – 100
A	85 – 89
A-	80 – 84
B+	75 – 79
B	70 – 74
B-	65 – 69
C+	60 – 64
C	55 – 59
C-	50 – 54
D	40 – 49 (fail)
E	0 – 39 (fail)
W	withdrawn from course
DNC	did not complete
DEF	course result not finalised
R	restricted pass (R grade cannot be granted for courses in MArch (Prof) programme)
CC/CR	cross-credit/credit recognition from another qualification

GRADE PROFILE

A (pass)

- very good knowledge and understanding of all primary concepts
- good knowledge and understanding of secondary concepts
- integrates concepts very well
- all-round competence at relevant skill
- very good level of appropriate communication and presentation

B (pass)

- good knowledge and understanding of all primary concepts
- moderate knowledge and understanding of secondary concepts
- integrates concepts to a moderate degree
- competence at relevant skill
- good level of appropriate communication and presentation

C (pass)

- adequate knowledge and understanding of all primary concepts
- indications of ability to understand secondary concepts
- indications of ability to integrate concepts
- competent level of appropriate communication and presentation

D (fail)

- has demonstrated at least adequate knowledge, understanding, relevant skills and communication abilities in some areas, but these are compromised by inadequacies in other areas

E (fail)

- a general failure to demonstrate adequate knowledge, understanding, relevant skills, and communication ability

+ A 'plus' may be used in conjunction with passing grades (eg. "B+") and indicates that the student has clearly shown some significant characteristics of the grade above. A grade of "A+" indicates all-round assurance and finesse in meeting the requirements of an 'A' grade.

- A 'minus' may be used in conjunction with passing grades (eg "B-") and indicates that all grade profile components are at a bare minimum for that grade.

EXTENSIONS AND AFFECTED PERFORMANCE CONSIDERATION (APC)

If you want to pass the course, you will need to submit all complete assignments on the date & time at the correct place.

Handing in incomplete assignments, while better than handing in nothing at all, will usually result in a failing grade.

Late submissions will be penalized in accordance with Department of Architecture guidelines.

Late submissions that do not meet school guidelines **will not be assessed**.

Students can apply for Affected Performance Consideration (APC) if:

- They are/were **unable to attend** an examination, compulsory assessment or fixed time and place assessment activity due to illness, injury, bereavement or other critical circumstances
- Their **preparation for**, or performance in, an examination or any summative assessment has been **seriously impaired** due to circumstances beyond their control

Students are encouraged to apply for an extension in the first instance.

An APC should be submitted within 5 working days of the affected assessment

<https://www.unitec.ac.nz/current-students/study-support/affected-performance-consideration>

This form includes:

How to apply if a student

- a) had to leave an exam or other fixed-time assessment
- b) was unwell and couldn't attend an exam/assessment
- c) experienced other critical personal circumstances

What counts as evidence

The APC Form to be completed by Student AND a Health Professional (if applicable)

Applications are to be submitted by the student via email to tkk@unitec.ac.nz

PORTFOLIO HAND-IN

You are responsible for handing in every piece of your work presented throughout the year at the end of Semester 2.

You are responsible for every drawing, photograph and piece of writing that has been graded being digitally submitted for each assessment event.

At the end of the year you must submit a digital file to your portfolio which includes every piece of work pinned up or submitted for every assessment event.

This is done through Base Camp.

A failure to submit a portfolio of your Semester 1 and Semester 2 work will result in no final grade being assigned to your year's work.

Semester 1 and Semester 2 are due by 5pm on 13th of November

Semester 1

You will make a single document of all your Semester 1 digital hand-ins, with a title page and content for each of the following assessment events:

Island + Mass

Space + Structure

Form + Inhabitation

Threshold + Aperture

These 4 submissions will be combined into a single PDF, labelled:

Surname, First name_5112_Semester 1_2023

e.g.

Newman, Pip_5112_Semester 1_2023

Semester 2

You will make a single document of all your Semester 2 digital hand-ins, with a title page and content for each of the following assessment events:

Structure Booklet, containing Bridge 2 Drawings

Materiality

Occupation

Residency Final Design

Surname, First name_5112_Semester 2_2023

e.g.

Newman, Pip_5112_Semester 2_2023

PRINTING ON CAMPUS

The Print option on **Unitec computers/laptops** uses 'Follow Me' technology that allows you to send a print request, which is then 'held' in a queue until you release it on any Konica Minolta printer by swiping your Staff ID card.

<https://thenest.unitec.ac.nz/TheNestWP/services/information-management-services-ims/printing/>

How to print from personal devices

When on campus, follow the below directions to be able to print from your personal device:

Step 1 Go to mprint.unitec.ac.nz

Step 2 Sign in using your username and password

Step 3 Choose a print option: **File, Web, or Email Attachment**

Step 4 Select/add what you want to print

Step 5 Release your print job from the printer (MFD)

Step 6 Select **Logout** button when finished

[Go to MPrint website](#)

Please note that the default printing is set to black & white, double sided printing - to change default printing, select **Change Job Attributes** button. Status 'Waiting for release' indicates your documents are ready to be released at printer (MFD).

<https://www.unitec.ac.nz/current-students/study-support/print-photocopying>

HEALTH AND SAFETY

There is absolutely no spraying of aerosol cans (spray fixative, glue, paint, etc.) allowed in the studio. Be alert at all times in and around the building, particularly when entering or exiting the building at night. Do not leave valuables unsecured at any time.

No audio devices (Bluetooth speaker, etc.) use is allowed during scheduled studio or lecture times.

You cannot enter the workshop without safety gear.

You will need steel-capped safety boots, ear protection, (earmuffs) and eye protection, (safety glasses).

Later in the year and during your five years here at the School of Architecture, you will be making site visits or similar. You will require a hi-vis vest and a hard hat in addition.

DISABILITY REQUIREMENTS

Students with disabilities who require reasonable accommodations to fully participate in course activities or meet course requirements should contact the Disability Liaison Centre at 09.815.4321 ext. 8606. If you qualify for services through the DLC, bring your letter of accommodations to the studio coordinators (Pip Newman or Hamish Foote).

Have a query? Want to improve your grades next time? You could:

Talk it over with your lecturer, Course Coordinator or Discipline/Academic Programme Leader

Visit Te Puna Ako Learning Centre or Student Learning and Achievement team
<https://www.unitec.ac.nz/current-students/study-support/student-learning-and-achievement>

Maia Maori learning advice and support
<https://www.unitec.ac.nz/maori/support/study-support>

Centre for Pacific Development and Support
<https://www.unitec.ac.nz/pacific/support/study-support>

International student support
<https://www.unitec.ac.nz/international/student-support/student-advisors>

Student support services
<https://www.unitec.ac.nz/current-students/student-life/student-support-advisors>

Contact the Unitec Student Advocate for independent advice

For contact details and more information, go to
<http://www.unitec.ac.nz/current-students/student-life/student-advocates>

or email them directly: studentadvocate@unitec.ac.nz

NZCA Regulations introduced in 5112 Design Studio One

On graduation from an architecture program — a graduate will:

PC18	Be able to apply creative imagination, design precedents, research, emergent knowledge and critical evaluation in formulating and refining concept design options, including the exploration of three-dimensional form and spatial quality.	Awareness	L01 L02 L03 L04 L05
PC26	Be able to undertake site, cultural and contextual analysis as part of preliminary design research.	Application	L01 L05
PC27	Understand how to embed the knowledge, worldviews and perspectives of Aboriginal and Torres Strait Islander Peoples, shared through engagement processes, into the conceptual design in a meaningful, respectful and appropriate way.	Understanding	L01 L04 L05
PC30	Be able to explore options for siting a project, including integrating information and analysis of relevant cultural, social and economic factors.	Understanding	L01 L04 L05
PC33	Be able to investigate, coordinate and integrate sustainable environmental systems – including water, thermal, lighting and acoustics – into the conceptual design.	Application	L01 L02 L05