ARCH1102 Architectural Design Studio 2 - 2024

Published on the 23 Sep 2024

General Course Information

Course Code : ARCH1102
Year : 2024
Term : Term 3
Teaching Period : T3
Is a multi-term course? : No
Faculty : Faculty of Arts, Design and Architecture
Academic Unit : School of Built Environment
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

In this course, you will learn how architectural space is configured and refined for use through the study of selected canonical buildings in their conceptualisation, architectural thematisation, spatial figuration, as well as the logic of material and structural expression. Site condition and

material limits are introduced to the design process. The architectural relations between interior and exterior are established according to the use, circulation and room types; the development of the project within constraints and possibilities of construction techniques; and the site conditions. You will gain skills in design aided by basic digital fabrication.

Relationship to Other Courses

Design Studio 2 follows the coursework from terms 1 & 2, e.g. *Design Studio 1*, encouraging students to integrate knowledge and skills learned from the required courses, e.g. *ARCH1162 Construction & Structure 1* and *ARCH1161 Built Environment 1*.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Analyse design method for small scale public buildings in context of an existing historical site paired by analysis and interpretation of canonical precedents
CLO2 : Develop architectural proposal and design comprising of the interpretation of the design brief, conceptual design and schematic design to an elementary level of resolution
CLO3 : Demonstrate elementary skills in the application of historical, social, environmental and regulatory knowledge to architectural design.
CLO4 : Apply elementary skills in architectural communication with an emphasis on digital fabrication and analogical skills.
CLO5 : Resolve timber and masonry construction in architecture to an elementary level of detail

Course Learning Outcomes	Assessment Item
CLO1 : Analyse design method for small scale public buildings in context of an existing historical site paired by analysis and interpretation of canonical precedents	• Kiosk in the Courtyard • Bicycle Parking and Workshop • Gallery Tower Ensemble
CLO2 : Develop architectural proposal and design comprising of the interpretation of the design brief, conceptual design and schematic design to an elementary level of resolution	• Kiosk in the Courtyard • Bicycle Parking and Workshop • Gallery Tower Ensemble
CLO3 : Demonstrate elementary skills in the application of historical, social, environmental and regulatory knowledge to architectural design.	• Kiosk in the Courtyard • Bicycle Parking and Workshop • Gallery Tower Ensemble
CLO4 : Apply elementary skills in architectural communication with an emphasis on digital fabrication and analogical skills.	• Kiosk in the Courtyard • Bicycle Parking and Workshop • Gallery Tower Ensemble
CLO5 : Resolve timber and masonry construction in architecture to an elementary level of detail	• Kiosk in the Courtyard • Bicycle Parking and Workshop • Gallery Tower Ensemble

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

Weekly tutorial and in-studio tasks based on group work. Feedback for the independent design development (sketches, drawings and study models). 2 project submission reviews and a final review with guest jurors. Final design report documenting the course work. Workshop for digital

fabrication.

Additional Course Information

see Moodle

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Kiosk in the Courtyard Assessment Format: Individual	20%	Start Date: 11/09/2024 01:00 PM Due Date: 02/10/2024 01:00 PM Post Date: 01/10/2024 10:00 PM
Bicycle Parking and Workshop Assessment Format: Individual	20%	Start Date: 09/10/2024 01:00 PM Due Date: 30/10/2024 01:00 PM Post Date: 29/10/2024 10:00 PM
Gallery Tower Ensemble Assessment Format: Individual	60%	Start Date: 06/11/2024 01:00 PM Due Date: 27/11/2024 01:00 PM Post Date: 26/11/2024 10:00 PM

Assessment Details
Kiosk in the Courtyard

Assessment Overview

You will design and present the development of a temporary structure. Marking will be done against assessment criteria with individual verbal feedback and written comments given on your project's development.

Course Learning Outcomes

- CLO1 : Analyse design method for small scale public buildings in context of an existing historical site paired by analysis and interpretation of canonical precedents
- CLO2 : Develop architectural proposal and design comprising of the interpretation of the design brief, conceptual design and schematic design to an elementary level of resolution
- CLO3 : Demonstrate elementary skills in the application of historical, social, environmental and regulatory knowledge to architectural design.
- CLO4 : Apply elementary skills in architectural communication with an emphasis on digital fabrication and analogical skills.
- CLO5 : Resolve timber and masonry construction in architecture to an elementary level of detail

Detailed Assessment Description

Submit the following drawings for the design of Project 1 (minimum requirement): site plan, floor

plan(s), diagrams, and long & short sections.

The assessment focuses on the design of the parts and whole of the mobile kiosk.

Assessment Length

drawings and diagrams

Submission notes

Moodle submission due at 10 pm on 1 Oct. Submission Review from 1 to 6 pm on 2 Oct.

Assessment information

see Moodle.

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

Not Applicable

Generative AI is not considered to be of assistance to you in completing this assessment. If you do use generative AI in completing this assessment, you should attribute its use.
For more information on Generative AI and permitted use please see [here](#).

Bicycle Parking and Workshop

Assessment Overview

You will design and present the development of bicycle parking solutions. Marking will be done against assessment criteria with individual verbal feedback and written comments given on your project's development.

Course Learning Outcomes

- CLO1 : Analyse design method for small scale public buildings in context of an existing historical site paired by analysis and interpretation of canonical precedents
- CLO2 : Develop architectural proposal and design comprising of the interpretation of the design brief, conceptual design and schematic design to an elementary level of resolution
- CLO3 : Demonstrate elementary skills in the application of historical, social, environmental and regulatory knowledge to architectural design.
- CLO4 : Apply elementary skills in architectural communication with an emphasis on digital fabrication and analogical skills.
- CLO5 : Resolve timber and masonry construction in architecture to an elementary level of detail

Detailed Assessment Description

Submit the following for the design of Project 2 (minimum requirement): model/modelling showing the final design in the context, site plan, floor plan(s), and long & short sections.

The assessment focuses on the selected excavated ground and the inclusion of the kiosk..

Assessment Length

models + drawings

Submission notes

Moodle submission due at 10 pm 29 Oct. Submission review from 1 to 6 pm 30 Oct.

Assessment information

see Moodle.

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

Not Applicable

Generative AI is not considered to be of assistance to you in completing this assessment. If you do use generative AI in completing this assessment, you should attribute its use.
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Gallery Tower Ensemble

Assessment Overview

You will design and present the development of a gallery tower ensemble. Marking will be done against assessment criteria with individual verbal feedback and written comments given on your project's development, together with peer review.

Course Learning Outcomes

- CLO1 : Analyse design method for small scale public buildings in context of an existing historical site paired by analysis and interpretation of canonical precedents
- CLO2 : Develop architectural proposal and design comprising of the interpretation of the design brief, conceptual design and schematic design to an elementary level of resolution
- CLO3 : Demonstrate elementary skills in the application of historical, social, environmental and regulatory knowledge to architectural design.
- CLO4 : Apply elementary skills in architectural communication with an emphasis on digital fabrication and analogical skills.

- CLO5 : Resolve timber and masonry construction in architecture to an elementary level of detail

<u>Detailed Assessment Description</u>

Submit the following drawings for the design of Project 3 (minimum requirement): model/modelling, site plan, floor plan(s), long & short sections, wall section in 1/20 scale showing solution for the construction & structure, and a design report

The assessment focuses on the design of the details and the environmental concerns.

40% allocated to Project 3 final design and 20% is allocated to the overall performance throughout Term 3.

<u>Assessment Length</u>

models, drawings, and design report

<u>Submission notes</u>

Moodle submission due at 10 pm 26 Nov. Submission review from 1 to 6 pm 27 Nov

<u>Assessment information</u>

See Moodle.

<u>Assignment submission Turnitin type</u>

Not Applicable

<u>Generative AI Permission Level</u>

Not Applicable

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General Assessment Information

Drawing references:

SANNA:

Houses, Kazuyo Sejima + Ryue Nishizawa, SANAA – published by Actar, Musac, 2007.

Walter Niedermayr / Kazuyo Sejima + Ryue Nishizawa / SANNA – published by Hatje Cantz, 2007. Eisenman: Peter Eisenman, Ten Canonical Buildings' 1950-2000 – published by Rizzoli, 2008.

Peter Eisenman, Giuseppe Terragni: Transformations Decompositions Critiques 2000 –

published by The Monacelli Press, 2003.

<u>Grading Basis</u>

Standard

<u>Requirements to pass course</u>

achieve the following criteria to 50/pass the course:

- Comply with the prescribed limits inconsistently
- Simple use of relevant ideas and strategies drawn/translated from precedent(s)
- Minimal attempts to employ site study in siting strategy
- Basic concerns for the topics of siting, enclosure, and materials with the given program
- Structure and organisation are held together at a basic level
- Basic understanding of methods of assembly and construction
- Graphic quality shows minimum attention in achieving precision and clarity of architectural presentation

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 0 : 2 September - 8 September	Homework	Read course study manual, course outline, and the brief for Project 1. Indivisual site visit.
Week 1 : 9 September - 15 September	Tutorial	Commence Project 1, site study, and Task 1, 1st presents study.
Week 2 : 16 September - 22 September	Tutorial	Discuss site study findings, Task 2: 2 options generated from the precedents, and site model making in-progress.
Week 3 : 23 September - 29 September	Tutorial	Task 3: individual draft kiosk design discussion and feedback.
Week 4 : 30 September - 6 October	Presentation	Submission review of Project 2.
Week 5 : 7 October - 13 October	Tutorial	Submit and review the collective site models. Commence Task 1: 2nd precedents study. Ramp and subterranean architecture
Week 6 : 14 October - 20 October	Other	no class/Flexi-week. Task 2: 2 options generated from precedents study (homework)
Week 7 : 21 October - 27 October	Tutorial	Precedents study + Sectional study: ramp and subterranean architecture. Task 3 draft design for Project 2.
Week 8 : 28 October - 3 November	Presentation	Project 2 Submission Review.
Week 9 : 4 November - 10 November	Tutorial	Draft design feedback on: What is a gallery? What is vertical in architecture? Sketch design of the 1/20 wall section.
Week 10 : 11 November - 17 November	Tutorial	Final draft: project 3 + 2 + 1 as a coherent design.
Week 11 : 18 November - 24 November	Other	No teaching.
Week 12 : 25 November - 1 December	Presentation	Final Review with guest jurors.

Attendance Requirements

20% assessment is for the performance and participation of the weekly studio course. You are expected to be regular and punctual in attendance at all classes for the School of Built Environment courses in which you are enrolled. If and where individual courses have specific attendance requirements, these will be stated in the course outline.

If you do not attend, engage, or participate in scheduled class activities, including lectures, tutorials, studios, labs, etc, you run the risk of failing a course.

If illness or unexpected and beyond your control circumstances prevent you from completing a task on time, or substantially disturb your assessment performance, you should apply for Special Consideration, as soon as practicable, accompanied by appropriate documentation.

No special consideration will be provided if you miss out on essential course information and materials, or if you miss assessment tasks and deadlines due to unexplained absences or an unapproved lack of attendance.

You may be advised by the Course Convenor to withdraw from the course if significant learning activities are missed.

General Schedule Information

On Wednesdays, lectures are held from 10 to 11 AM weekly, except for the submission dates on W4 and W8. Studio from 1 to 6 pm with in-studio tasks that will be assessed as the 20% performance & participation mark included in the 60% Project 3 assessment.

Course Resources

Prescribed Resources

Course Moodle, readings, site visit, and workshop consultation. See Moodle for separate resources of Assessments 1, 2, and 3.

Recommended Resources

UNSW Library and Moodle uploads,

Additional Costs

printing and model-making materials.

Course Evaluation and Development

Submission reviews, written feedback, and in-studio peer review + discussion. The course evaluation combines design outcome, design process, physical model testing of the design effect, communication in verbal description, disciplined mode of the final project in drawings + models, and design report.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Lecturer	Shaowen Wang		#2016 Anita B. Lawrence Centre	0433905089	via email appointment	No	Yes

Other Useful Information

Academic Information

For essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Student equity and disability;
- Special Consideration in the event of illness or misadventure;
- Examination information;
- Review of results;

Please see: https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines

Academic Honesty and Plagarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.
- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work.

Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.

- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

[Use of AI for assessments | UNSW Current Students](#)

Submission of Assessment Tasks

Assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, alternative submission details will be stated on your course's Moodle site. For information on how to submit assignments online via Moodle: https://student.unsw.edu.au/how-submit-assignment-moodle

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request [Special Consideration](#) as early as possible before the deadline. Support with [Time Management is available here](#).

Important note: UNSW has a "fit to sit/submit" rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

School Contact Information

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