



## UNSW Course Outline

# LAND7272 Landscape Technology 1: Landscape Performance (Materials and Fabrication) - 2024

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## General Course Information

Course Code : LAND7272

Year : 2024

Term : Term 2

Teaching Period : T2

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 : Postgraduate

Units of Credit : 6

### Useful Links

[Handbook Class Timetable](#)

## Course Details & Outcomes

### Course Description

Landscape Technology 1: Landscape Performance (Materials and Fabrication) focuses on

sustainable contemporary landscape materials, construction techniques and design methods for application within a complex urban environment. You will develop the capability to investigate and apply techniques for the design of constructed ecologies for improved landscape performance. Digital modeling and construction techniques are used to increase your capacity to communicate and test design options.

## Course Learning Outcomes

Course Learning Outcomes
CLO1 : Investigate the compositional and structural aspects of contemporary materials used in the construction of sustainable landscapes.
CLO2 : Assess the sustainable performance of landscape materials and construction techniques in relation to constructed urban ecologies.
CLO3 : Apply design techniques to contemporary landscape materials and construction processes within a complex urban environment.
CLO4 : Communicate contemporary landscape materials, construction techniques, and design methods to professional industry standards.

Course Learning Outcomes	Assessment Item
CLO1 : Investigate the compositional and structural aspects of contemporary materials used in the construction of sustainable landscapes.	<ul style="list-style-type: none"><li>• Earthworks and Water Sensitive Urban Design</li><li>• Access and Mobility Design</li><li>• Design For All</li></ul>
CLO2 : Assess the sustainable performance of landscape materials and construction techniques in relation to constructed urban ecologies.	<ul style="list-style-type: none"><li>• Earthworks and Water Sensitive Urban Design</li><li>• Access and Mobility Design</li><li>• Design For All</li></ul>
CLO3 : Apply design techniques to contemporary landscape materials and construction processes within a complex urban environment.	<ul style="list-style-type: none"><li>• Earthworks and Water Sensitive Urban Design</li><li>• Access and Mobility Design</li><li>• Design For All</li></ul>
CLO4 : Communicate contemporary landscape materials, construction techniques, and design methods to professional industry standards.	<ul style="list-style-type: none"><li>• Earthworks and Water Sensitive Urban Design</li><li>• Access and Mobility Design</li><li>• Design For All</li></ul>

## Learning and Teaching Technologies

Moodle - Learning Management System

# Assessments

## Assessment Structure

Assessment Item	Weight	Relevant Dates
Earthworks and Water Sensitive Urban Design Assessment Format: Individual	40%	Start Date: Not Applicable Due Date: Week 5: 24 June - 30 June
Access and Mobility Design Assessment Format: Individual	40%	Start Date: Not Applicable Due Date: Week 9: 22 July - 28 July
Design For All Assessment Format: Individual	20%	Start Date: Not Applicable Due Date: Week 11: 05 August - 11 August

## Assessment Details

### Earthworks and Water Sensitive Urban Design

#### Assessment Overview

You will demonstrate the application of a range of techniques, materials and processes for the control of landforms and water management in the context of sustainable urban landscape design. Grading will be done against assessment criteria accompanied by written feedback.

#### Course Learning Outcomes

- CLO1 : Investigate the compositional and structural aspects of contemporary materials used in the construction of sustainable landscapes.
- CLO2 : Assess the sustainable performance of landscape materials and construction techniques in relation to constructed urban ecologies.
- CLO3 : Apply design techniques to contemporary landscape materials and construction processes within a complex urban environment.
- CLO4 : Communicate contemporary landscape materials, construction techniques, and design methods to professional industry standards.

#### Assessment information

NO ASSISTANCE It is prohibited to use any software or service to search for or generate information or answers.

If its use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

#### Assignment submission Turnitin type

This is not a Turnitin assignment

# Access and Mobility Design

## Assessment Overview

You will demonstrate the application of a range of techniques, materials and processes for the control of vehicular, pedestrian, cycling and public transport mobility in the context of sustainable urban landscape design. Grading will be done against assessment criteria accompanied by written feedback.

## Course Learning Outcomes

- CLO1 : Investigate the compositional and structural aspects of contemporary materials used in the construction of sustainable landscapes.
- CLO2 : Assess the sustainable performance of landscape materials and construction techniques in relation to constructed urban ecologies.
- CLO3 : Apply design techniques to contemporary landscape materials and construction processes within a complex urban environment.
- CLO4 : Communicate contemporary landscape materials, construction techniques, and design methods to professional industry standards.

## Assessment information

**NO ASSISTANCE** It is prohibited to use any software or service to search for or generate information or answers.

If its use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

## Assignment submission Turnitin type

This is not a Turnitin assignment

# Design For All

## Assessment Overview

You will demonstrate the application of a range of techniques, materials and processes for the sustainable design of public spaces for diverse user groups. Grading will be done against assessment criteria accompanied by written feedback.

## Course Learning Outcomes

- CLO1 : Investigate the compositional and structural aspects of contemporary materials used in the construction of sustainable landscapes.
- CLO2 : Assess the sustainable performance of landscape materials and construction techniques in relation to constructed urban ecologies.
- CLO3 : Apply design techniques to contemporary landscape materials and construction processes within a complex urban environment.

- CLO4 : Communicate contemporary landscape materials, construction techniques, and design methods to professional industry standards.

#### Assessment information

NO ASSISTANCE It is prohibited to use any software or service to search for or generate information or answers.

If its use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

#### Assignment submission Turnitin type

This is not a Turnitin assignment

## General Assessment Information

In this course, LAND7272, a Supplementary Assessment may be offered at the end of term, after results for the course are finalised, to students who satisfy the following conditions:

- You have met the 80% attendance and participation requirements for the course
- your final result in LAND7272 is between 45-49FL.
- your failure of the course is not due to misconduct or lateness (and no other misconduct incidents or academic matters under review).
- you have not failed the course in previous years.
- you have attempted all assessment tasks in the course and met all attendance requirements if and as specified.

Your Course Convener will contact eligible students via email at the end of term.

A satisfactory grade for the Supplementary Assessment will result in a final mark/grade for the course of 50PS. An unsatisfactory grade for the Supplementary Assessment will result in no change to your original mark/grade for course. Once you have agreed to complete the supplementary assessment, you will have no further recourse to an appeal or a request for a review of results.

#### Grading Basis

Standard

# Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 27 May - 2 June	Lecture	L1 - Earthworks, landforms and grading: projects and materials
	Tutorial	T1 - Materials and commercial products for earthworks
Week 2 : 3 June - 9 June	Lecture	L2 - Earthworks, landforms and grading: design methods and techniques
	Tutorial	T2 – Design methods applications: sections, elevations, contour lines
Week 3 : 10 June - 16 June	Lecture	L3 - WSUD: projects and materials
	Tutorial	T3 – Materials and commercial products for WSUD
Week 4 : 17 June - 23 June	Lecture	L4 - WSUD: design methods and techniques fundamentals
	Tutorial	T4 - Design methods application: designing an urban wetland
Week 5 : 24 June - 30 June	Lecture	L5 - Street design: projects and materials
	Tutorial	T5 - Applications of SITES rating system
Week 6 : 1 July - 7 July	Lecture	L6 - Street design: design methods and techniques fundamentals
	Tutorial	T6 – Design methods and dimensioning applications
Week 7 : 8 July - 14 July	Lecture	L7 - Stairways, ramps and terraced steps: projects and materials
	Tutorial	T7 – Materials and commercial products for stairways
Week 8 : 15 July - 21 July	Lecture	L8 - Stairways, ramps and terraced steps: design methods and techniques
	Tutorial	T8 – Design methods applications: dimensioning tread, riser, ramps
Week 9 : 22 July - 28 July	Lecture	L9 - Public space accessibility: projects and materials
	Tutorial	T9 - Design methods applications: dimensioning crossings, bike lanes, roundabouts.
Week 10 : 29 July - 4 August	Lecture	L10 - Public space accessibility: design methods and techniques fundamentals
	Tutorial	T10 - Design methods applications: dimensioning accessible spaces

## Attendance Requirements

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. **In this course you are expected to attend 80% of all scheduled classes.** Please see detailed course schedule in Moodle for further information.

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.

## Course Resources

### Recommended Resources

Leganto list of required texts available through Moodle course page:

[https://unsw.alma.exlibrisgroup.com/leganto/readinglist/lists/61547925210001731?  
auth=SAML](https://unsw.alma.exlibrisgroup.com/leganto/readinglist/lists/61547925210001731?auth=SAML)

### Course Evaluation and Development

We encourage and support students to maintain regular contact with the course convenor to provide informal feedback throughout the course. For specific issues or detailed feedback, please arrange a meeting with the course convenor via email.

In this course there is an option for students to provide anonymous feedback via the course's Moodle page, which is directly sent to the convenor. As a final step, students are invited to share their insights and experiences by completing the MyExperience survey. The feedback gathered each year is integral to the continuous enhancement and development of the course.

## Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Elisa Palazzo		4017 Red Centre West		Appointment by email	No	Yes

## Other Useful Information

### Academic Information

Due to evolving advice by NSW Health, students must check for updated information regarding online learning for all Arts, Design and Architecture courses this term (via Moodle or course information provided).

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

[protocols-guidelines](#) for essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Dean's List;
- review of results;
- credit transfer;
- cross-institutional study and exchange;
- examination information;
- enrolment information;
- Special Consideration in the event of illness or misadventure;
- student equity and disability;

And other essential academic information.

## Academic Honesty and Plagiarism

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

### Turnitin Submission

If you encounter a problem when attempting to submit your assignment through Turnitin, please telephone External Support on 9385 3331 or email them on [externalteltsupport@unsw.edu.au](mailto:externalteltsupport@unsw.edu.au)

Support hours are 8:00am – 10:00pm on weekdays and 9:00am – 5:00pm on weekends (365 days a year). If you are unable to submit your assignment due to a fault with Turnitin, you may apply for an extension, but you must retain your ticket number from External Support (along with any other relevant documents) to include as evidence to support your extension application. If you email External Support, you will automatically receive a ticket number, but if you telephone, you will need to specifically ask for one. Turnitin also provides updates on their system status on Twitter.

Generally, 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.](#)

### School Contact Information

badmin@unsw.edu.au