



**UNSW**  
SYDNEY

Australia's  
Global  
University

# Built Environment

LAND7272

Landscape Technology 1: Landscape Performance  
(Materials and Fabrication)



## Disclaimer

Information within this document is subject to change. The full and most accurate course outline will be available in Moodle closer to the start of the term in which the course is offered.

## 1. COURSE STAFF

<b>Course Contact</b>	
<b>Email</b>	

## 2. COURSE DETAILS

<b>Credit Points</b>	6 units of credit (uoc)
<b>Workload</b>	Approx. 150 hours including class contact hours, weekly individual and group online learning activities, readings, class preparation, and assessment activities.
<b>Teaching Times and Location</b>	Find details in timetable <a href="http://www.timetable.unsw.edu.au">http://www.timetable.unsw.edu.au</a>

## Description

This course is a co-requisite for LAND 7202: Master Landscape Studio 4: Constructed Ecologies. The course develops the knowledge and ability to address the technological challenges of constructed ecologies, their construction systems and methods, and their performance. The material focus is on landform, stormwater and vegetation. Techniques of grading, earthworks, and drainage are explored. Digital modeling and fabrication are used to increase student's capacity to communicate and test design options; the digital model developed in this course are integrated into the con-current studio project.

## Aims

The main aim of this course is to develop students' design ability by engaging with landscape materials and construction techniques. The second aim of the course is to enable students to predict and anticipate future scenarios of landscape conditions and material performance by using digital modelling as a means for testing and developing design propositions.

## Course Learning Outcomes (CLOs)

At the successful completion of this course, you will be able to:

1. Investigate, generate, and evaluate information relating to contemporary landscape materials and construction techniques.
2. Identify, assess and apply appropriate landscape materials and techniques with regard to a range of landscape situations, and justify these propositions with relevant research and evidence.
3. Demonstrate advanced understanding of landscape materials and construction and performance, and apply this to new or complex environments
4. Communicate their knowledge of landscape materials, construction techniques in a range of formats appropriate for the professional practice of landscape architecture.

### 3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Assignment 1 - Constructing knowledge: studio diary	20%	1
2. Assignment 2 - Case study in landscape materials and fabrication	30%	1, 2
3. Assignment 3 - Design development	50%	1, 2, 3

### 4. COURSE IMPROVEMENT AND FEEDBACK

Feedback from students is an integral part of improving courses and teaching approaches. One of the primary mechanisms of feedback is myExperience, which we strongly urge all students to complete at the end of term. Course convenors use the feedback to make ongoing improvements to the course. This is communicated in Moodle in the myFeedback Matters page.