



2013

Trimester 2

COURSE OUTLINE

LAND 222

Landscape Architecture Application

GENERAL

Trimester Two; 15 points

ASSESSMENT

100% internal by assignment

CLASSTIMES AND LOCATIONS

STUDIO:	Mondays	10:30am –12:20pm	Room: LT1
	Thursdays	10:30am –12:20pm	Room: VS 236

FINAL ASSESSMENT: Will be scheduled in the end of year examination period 29-31 October

COORDINATOR

Coordinator: *Martin Bryant* Office: 2.31 Phone: +64 934 6237 Email: martin.bryant@vuw.ac.nz
Availability: by appointment

Tutors: to be advised

COMMUNICATION OF ADDITIONAL INFORMATION

Any changes or additions to this Course Outline will be discussed and agreed with the class, and conveyed through Blackboard or via email to all students enrolled in the course.

PRESCRIPTION

An introduction to integrative approaches to the articulation of landscape materials and landform for the design of form, space and experience. Design exercises explore the application of environmental principles, emphasising the importance of a critical understanding of site as a basis for design.

COURSE CONTENT

LAND 222 introduces students to the tools and materials we use in landform design. This will facilitate the development of landscape architectural ideas from an initial concept to detailed design and construction. Students will learn techniques and knowledge required for

- understanding and manipulating landforms, reading and producing grading and drainage plans, and modeling using the 3D visualization software.
- choosing materials, using and installing them in the landscape, and producing the appropriate technical documentation.

COURSE LEARNING OBJECTIVES

Students who pass this course will be able to:

1. Observe, analyse and apply technical knowledge on landform manipulation and landscape construction materials.
2. Apply landform manipulation and construction to design concepts.
3. Prepare detailed representations of landform and constructions in two and three dimensions.

GRADUATE SKILLS

<i>Graduate Skills</i>	<i>Taught</i>	<i>Practised</i>	<i>Assessed</i>
Knowledge			
• Information literacy	✓	✓	✓
Creative and Critical Thinking			
• Problem solving	✓	✓	✓
• Critical evaluation			
• Work autonomously			
• Creativity and innovation	✓	✓	✓
Communication			
• Effective communication (written)	✓	✓	✓
• Effective communication (oral)			
• Effective communication (graphic)	✓	✓	✓
• Work effectively in a team setting			
Leadership			
• Ethical behaviour in social / professional / work environments			
• Responsible, effective citizenship			
• Commitment to responsibilities under the Treaty of Waitangi			

TEACHING FORMAT

Mondays will be predominantly taken up by seminars, in which students will be asked to participate in discussions about course content. This will provide a basis for the content of assignment work.

Thursdays will be predominantly studio time, when students will bring their work to discuss in groups or individually.

Students are required to master CAD techniques and Rhino in their own time.

MANDATORY COURSE REQUIREMENTS

In order to pass the course, you must achieve an overall grade of C or better and must also satisfy the following:

- Attend and present your project work at all scheduled critical reviews
- Achieve a grade of 'D' or higher in all assignments

WORKLOAD

Attendance and participation is an important aspect of the learning process, and you are expected to attend all the lectures and tutorials.

If extraordinary circumstances arise that require you to be absent from some class sessions, you should discuss the situation with the Course Coordinator as soon as possible.

You should expect to spend of around 150 hours on this course, including both scheduled class time and independent study. Typically this involves around 10 hours per week during the twelve teaching weeks, with the balance during the mid trimester break, study week, and examination period.

Please check out the link below with information on Studio Courses:

www.victoria.ac.nz/fad/faculty-administration/current-students#studioculturepolicy

ASSESSMENT

To provide a comprehensive overview, a detailed description of the assignments follows:

Project 1: Preparation of designs that entail a manipulation of landform.

Project 2: The completion of weekly assignments known as SPAs (Studio preparation assignments).

Project 3: Development of the design detail that is being concurrently worked on in LAND 212.

The Course is internally assessed by assignment work in the form of 3 projects. Assignments are assessed and graded A+, A, A-, B+, B, B-, C+, C, D, E, (where C is a PASS). Grades only are issued to students. The final grade for the course is based on the aggregation of the percentage marks for each of the assignments, and a final grade of C or better is required to pass the course.

NOTE: In order to ensure equity, hand-in dates cannot be modified. A hand-in date cannot be changed without permission from the Head of School.

The projects contribute towards the final course grade as follows:

Project 1: (due 5pm Friday 23rd August)	35%
Project 2: (due weekly by 10:30am on Mondays, or as otherwise noted in schedule)	25%
Project 3: (due 3pm Friday 18th October)	40%
Total	100%

The submission requirements and assessment criteria for the three projects are as follows:

Project 1: (35%)

Submission Requirements: 3 x drawn A1 sheets.

Project 1 Assessment Criteria

CLO(s)

Technical knowledge on landform manipulation	1
Development of design concepts using topography	2
Effective graphic communication of landform design	3

Project 2: (25%)

Submission Requirements: As described in handouts on weekly / fortnightly basis. These weekly exercises (SPAs) will generally conform with requirements for Projects 1 and 3. Students overall mark will be totalled from their best 5 SPAs.

Project 2 Assessment Criteria	CLO(s)
As per assignments 1 and 3	1,2,3

Project 3: (40%)

Submission Requirements: 4 x A1 drawn sheets including digital model

Project 3 Assessment Criteria	CLO(s)
Technical knowledge on landform manipulation and construction materials	1
Development of design concepts using landform and materials	2
Effective graphic communication of landform design and construction materials	3

The School has a long tradition of providing *critical review* of student work as it progresses especially in design projects. For further information, please refer to the Website below. (Delete this statement and the following link if not relevant to this course)

Critical Review: www.victoria.ac.nz/fad/faculty-administration/current-students/faqs#criticalreview

All grades posted during this course are only provisional results until confirmed by the School Examiners Committee which meets after the examination period.

SUBMISSION AND RETURN OF WORK

All work submitted for assessment must be accompanied by an ASSESSMENT DECLARATION FORM.

You are responsible for ensuring your work is submitted on time and in the required format.

Except for work submitted after the deadline, all hand-ins must be submitted to the Hand-in folder on the R-Drive. This is a School of Architecture requirement to ensure that student work is appropriately archived.

Work submitted late must be submitted to the Course Coordinator.

Late submissions will be penalised as set out below, unless an extension is approved by the Course Coordinator.

EXTENSIONS

In the event of illness or other extraordinary circumstances that prevent you from submitting a piece of work on time, or that you feel adversely affect the quality of the work you submit, it is important that you discuss your circumstances with the Course Coordinator as soon as possible so that appropriate arrangements may be made. If possible, you should complete an Application for Extension form (available from the Faculty Office) for the Course Coordinator to approve before the hand-in date. You will also need to provide suitable evidence of your illness or other circumstances. In an emergency, or if you are unable to contact the Course Coordinator, you should advise the Faculty Office of your situation.

PENALTIES

For work that arrives late without an approved extension, the following penalty will be: 5% immediately, then 5% for every subsequent 24 hours including weekends.

REQUIRED MATERIALS AND EQUIPMENT

Students will need to provide all materials and equipment as necessary for the completion of required work. This includes drawing instruments and scale rules. Students will also need to provide own transport to and from field trips. Please check the website link below for general requirements:

www.victoria.ac.nz/fad/faculty-administration/current-students/faqs#materialsandequipment

SET TEXTS

Petschek, Peter Grading for Landscape Architects	TA730 P498 G E
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RECOMMENDED READING

Thomas, Glenn Landscape Construction notes Melbourne : Australian Institute of Landscape Architects, 1999	SB472 T456 L 3 day loan
Blanc, Alan Landscape construction and detailing New York : McGraw-Hill, 1996.	TH4961 B638 L 3 day loan
Pringle, Trevor, Landscape construction BRANZ, 2003	TH4961 P957 L 3 day loan
Zimmerman, Astrid Constructing Landscape: Materials, techniques, and structural components	SB472 C758 3 day loan
Sovinski, Rob Materials and their applications in landscape design Hoboken, N.J : John Wiley & Sons, c2009.	TH4961 S68 2009 3 day loan
Thompson, William and Kim Sorvig Sustainable Landscape Construction Washington : Island Press, c2008	TH380 T473 S 2ed 3 day loan
Kirkwood, Niall The Art of Landscape Detail: Fundamentals, Practices, and Case Studies New York : Wiley, c1999	SB472.5 K59 A 3 day loan
Reed, Peter Groundswell: constructing the contemporary landscape New York : The Museum of Modern Art, 2005	SB472.45 R325 G 3 day loan
Carlos Ferrater Partnership 2006 Synchronizing geometry : landscape, architecture & construction	NA1313 F379 A4 S

SCHEDULE OF SESSIONS

Week Month	Day	Date	Item	Comments Trimester 2 Begins
Week 29 July	M	15	Introduction: landforms	Term 2 begins
	TU	16		
	W	17		
	TH	18	Tutorial: field trip	
	F	19		
Week 30 July	M	22	Seminar: grading	SPA 1 hand in
	TU	23		
	W	24		
	TH	25	Tutorial: grading	
	F	26	Withdrawal refund	<i>This is the last date that you can withdraw with a full refund.</i>

Week 31 July/ August	M	29	Seminar: drainage	SPA 2 hand in
	TU	30		
	W	31		
	TH	1	Tutorial: grading exercises	
	F	2		
Week 32 August	M	5	Seminar: soil mechanics	SPA 3 hand in
	TU	6		
	W	7		
	TH	8	Tutorial: grading exercises	
	F	9		
Week 33 August	M	12	Seminar: retaining walls	SPA 4 hand in
	TU	13		
	W	14		
	TH	15	Tutorial: assignment 1	
	F	16		
Week 34 August	M	19	Seminar: pavement	
	TU	20		
	W	21		
	TH	22	Tutorial: assignment 1	
	F	23		Assignment 1 hand in
Week 35 August	M	26		Mid-trimester break
	TU	27		
	W	28		
	TH	29		
	F	30		
Week 36 September	M	2		
	TU	3		
	W	4		
	TH	5		
	F	6		Mid-trimester break ends
Week 37 September	M	9	Seminar: water sensitive urban design	
	TU	10		
	W	11		
	TH	12	Tutorial: detailed drawings	
	F	13		
Week 38 September	M	16	Seminar: Timber	SPA 5 hand in
	TU	17		
	W	18		
	TH	19	Tutorial: detailed drawings	
	F	20		
Week 39 September	M	23	Seminar: concrete	SPA 6 hand in
	TU	24		
	W	25		
	TH	26	Tutorial: Rhino training	
	F	27	Course withdrawal	<i>After this date the Associate Dean's approval is required for withdrawals from Trimester Two courses.</i>
Week 40 September/October	M	30	Seminar: metals	SPA 7 hand in
	TU	1		
	W	2		
	TH	3	Tutorial: Rhino training	
	F	4		
Week 41 October	M	7	Seminar: masonry	SPA 8 hand in
	TU	8		
	W	9		
	TH	10	Tutorial: assignment 3	
	F	11		
Week 42	M	14	Tutorial: Assignment 3	

October	TU	15		
	W	16		
	TH	17	Tutorial: Assignment 3	
	F	18		Assignment 3 hand in
Week 43 October	M	21		
	TU	22		
	W	23		
	TH	24		
	F	25		
Week 44 October/ November	M	28		Labour Day – Public Holiday
	TU	29		
	W	30		
	TH	31		
	F	1		
Week 45 November	M	4		
	TU	5		
	W	6		
	TH	7		
	F	8		
Week 46 November	M	11		
	TU	12		
	W	13		
	TH	14		
	F	15		
	S	16		Examination Period ends

The Faculty of Architecture and Design operates a system of Class Representatives in 100-level courses, and Year Representatives in each of the professional disciplines. Student Representatives are elected during a class session in the first week of teaching. All Student Representatives will be listed on the STUDiO notice board in the Atrium, and the relevant Representatives are also listed on studio notice boards. Student Representatives have a role in liaising between staff and students to represent the interests of students to the academic staff, and also in providing students with a communication channel to STUDiO and the Student Representation organiser.

Class Rep name and contact details:

STUDENT FEEDBACK

The Course Coordinator will discuss feedback at an appropriate time during the course.

Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

OTHER IMPORTANT INFORMATION

The information above is specific to this course. There is other important information that students must familiarise themselves with, including:

- Aegrotats: www.victoria.ac.nz/home/about/avcacademic/publications2#aegrotats
- Academic Progress: www.victoria.ac.nz/home/study/academic-progress (including restrictions and non-engagement)
- Plagiarism: www.victoria.ac.nz/home/study/plagiarism
- Copyright: <http://library.victoria.ac.nz/library/about/policies/copyright.html>
- Dates and deadlines: www.victoria.ac.nz/home/study/dates
- Faculty Current Students Site: <http://www.victoria.ac.nz/faculty-administration/current-students>
- Grades: www.victoria.ac.nz/home/study/exams-and-assessments/grades

- Resolving academic issues: www.victoria.ac.nz/home/about/avcacademic/publications2#grievances
- Special passes: www.victoria.ac.nz/home/about/avcacademic/publications2#specialpass
- Statutes and policies including the Student Conduct Statute: www.victoria.ac.nz/home/about/policy
- Student support: www.victoria.ac.nz/home/viclife/student-service
- Students with disabilities: www.victoria.ac.nz/st_services/disability
- Student Charter: www.victoria.ac.nz/home/viclife/student-charter
- Student Contract: www.victoria.ac.nz/home/admisenrol/enrol/studentcontract
- Turnitin: www.cad.vuw.ac.nz/wiki/index.php/Turnitin
- University structure: www.victoria.ac.nz/home/about
- VUWSA: www.vuwsa.org.nz

School of Architecture

Work Submitted for Assessment

Declaration Form

Student's full name :

Course :

Assignment/project :
(number and title)

Date submitted :

School of Architecture

Refer to the information on Academic Integrity, Plagiarism and Copyright on the back of this form.
I confirm that:

- I have read and understood the University's information on academic integrity and plagiarism contained at www.victoria.ac.nz/home/study/plagiarism and outlined below:
- I have read and understood the general principles of copyright law as set out below:
- This project/assignment is entirely the result of my own work except where clearly acknowledged otherwise:
- Any use of material created by someone else is permitted by the copyright owner.

Signed:

Date:

Academic Integrity, Plagiarism and Copyright

ACADEMIC INTEGRITY

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. University staff and students are expected to treat academic, intellectual or creative work that has been done by other people with respect at all times. Victoria University's reputation for academic integrity adds value to your qualification.

Academic integrity is simply about being honest when you submit your academic work for assessment

- You must acknowledge any ideas and assistance you have had from other people.
- You must fully reference the source of those ideas and assistance.
- You must make clear which parts of the work you are submitting are based on other people's work.
- You must not lie about whose ideas you are submitting.
- When using work created by others either as a basis for your own work, or as an element within your own work, you must comply with copyright law

(Summarised from information on the University's Integrity and Plagiarism website:

www.victoria.ac.nz/home/study/plagiarism

PLAGIARISM

The University defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material

Find out more about plagiarism, how to avoid it and penalties, on the University's website:

www.victoria.ac.nz/home/study/plagiarism

COPYRIGHT

Copyright law regulates the use of the work of an author, artist, designer or other creator.

- Copyright applies to created work including designs, music, computer programs, artistic and literary work.
- The work can be in printed, digital, audio, video or other formats.
- Normally the author or creator of a work owns the copyright for their lifetime and for 50 years after their death, (although sometimes someone other than the creator of a work owns the copyright to the work, such as the creator's employer, or a person who commissions the creator's work).
- You must have permission from the copyright owner to copy, alter, display, distribute or otherwise use created work.
- If the creator has applied a Creative Commons licence to a work, this permits others to use the work but only in accordance with that licence.

Further copyright information is available on the Victoria University website:

<http://library.victoria.ac.nz/library/about/policies/copyright.html>