



Course Number	LAND 672.4	Classroom	Olds College Landscape Pavilion
Course Name	Experiential Learning in Landscape Architecture: Landscape Construction		
Pre/Co-Requisites			
Instructor	Ronan Mackey, Olds College	Office Hours/Location	Olds College
	Email: rmackey@oldscollege.ca	Phone: 403 596 4563	
Class Dates	This is a Block Course held Wednesday, Thursday and Friday January 4,5,6 from 9:00 – 5:00		
Instructor Email Policy	Please note that all course communications must occur through your @ucalgary email		
Name and Email of SAPL Instructor Contact	Dr. Beverly Sandalack sandalack@ucalgary.ca		

Course Description

This course provides students with an overview of many common landscape construction and installation techniques and materials, with an emphasis on structures, paving, water features and sustainable landscape technologies. It combines theoretical, technical and practical aspects and includes some hands-on experience.

Students will gain hands-on experience in the construction of several typical hardscape components in landscape architecture projects. They will gain hands-on experience in the construction, to specifications, of these components, with each student gaining experience of physically installing paving stones and retaining wall blocks, along with the completion of other components associated with successful construction. The course will also explore the importance of daily clean-up to mirror job site activity, and at the end of the project, a complete tear-down of all materials will be completed by the students.

<https://www.oldscollege.ca/about/campus/landscape-pavilion/index.html>

Course Hours: 1.5 units

Course Learning Outcomes

Key learning outcomes include:

1. Reading, scaling and building off a landscape plan
2. Project site layout
3. Understanding, calculating, and determining slopes and elevations within the landscape
4. Proper base compaction for both retaining walls and patios
5. Installation of retaining wall and steps
6. Discussion (not implementation) of retaining wall drainage and its importance
7. Installation of paving stone patio components
8. Overall and surrounding site drainage and importance
9. Cost and time estimating and budgeting
10. Daily and end of the project clean up and wrap up

Learning Resources

Any required readings will be provided during the course

Technology requirements (D2L etc.):

This course is a practical hands-on course, but as in all SAPL courses, students are expected to have a computer with a supported operating system, as well as the latest security, and malware updates; a current and updated web browser; current antivirus and/or firewall software enabled; broadband internet connection.

Additional Classroom Conduct and Related Information

All students are required to have PPE (Personal Protective Equipment) including steel toe boots and work gloves. Students should dress appropriately for a construction environment.

Assessment Components

Assessment Method	Description	Weight	Aligned Course Learning Outcome
			e.g. 1 and 3
Attendance and participation	Attendance	40%	1-10
Structural completeness of assigned projects	Project-based	50%	1,2,3,4,5,7,8
Project estimate/budgeted hours	Project-based	10%	9

Assessment and Evaluation Information

Attendance and Participation Expectations: Students must be in attendance for the entirety of the course, and participate in all activities. Some work will be completed in small groups.

Guidelines for Submitting Assignments: All work will be completed during the course

Final Examinations: There will be no final examination. Students will be evaluated on the project completed during the course

Late Assignments: Work must be completed by the end of the final class.

Students must attend all classes. There will be no opportunities to remediate any work missed.

Grading Scale

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	90-94.99	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	85-89.99	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance
B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	65-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	60-64.99	
C-	1.70	1.50-1.84	55-59.99	
D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C+" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

The School of Architecture, Planning and Landscape will not permit the Flexible Grade Option (CG Grade) for any course offered by the School. (<https://www.ucalgary.ca/pubs/calendar/current/salp-3-3.html>)

Topic Areas & Detailed Class Schedule

Include information relevant to the class schedule, such as weekly topics, readings, and assignment due dates.

Course Schedule Date	Topic	Assignments/Due Dates
Jan 4	Course intro and beginning of project	
Jan 5	Short lectures; work on project	
Jan 6	Short lectures, completion of project	Project to be complete

Special Budgetary Requirements

Please note that this course is held at Olds College. Students may secure accommodations in the town of Olds for the duration of the course, or may commute daily. Options for accommodations include Olds College student residences, local hotels, and short-term rentals. **Students are responsible for making their own arrangements for accommodations and travel.**

Students should have appropriate clothing for landscape construction in the landscape pavilion (including steel toe boots and work gloves), which is a protected indoor facility but with lower ambient temperatures than typical classrooms.

University of Calgary Policies and Supports

COVID-19 PROCEDURE FOR SICK STUDENTS: <https://www.ucalgary.ca/risk/covid-19-procedure-for-sick-students>

UNIVERSITY OF CALGARY COVID-19 UPDATES: <https://www.ucalgary.ca/risk/emergency-management/covid-19-response>

ACADEMIC ACCOMMODATION

It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The student accommodation policy can be found at: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-accommodation-policy>

Students needing an accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities: <https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

Students needing an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their instructor (contact information on first page above).

SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/ .

ACADEMIC MISCONDUCT

Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

For information on the Student Academic Misconduct Policy and Procedure please visit:

<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>

<https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf>

Additional information is available on the Academic Integrity Website

at <https://ucalgary.ca/student-services/student-success/learning/academic-integrity>.

COPYRIGHT LEGISLATION:

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy (<https://www.ucalgary.ca/pubs/calendar/current/k.html>).

INSTRUCTOR INTELLECTUAL PROPERTY

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

SEXUAL VIOLENCE POLICY

The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who

have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at <https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf>

UNIVERSITY STUDENT APPEALS OFFICE: If a student has a concern about a grade that they have received, they should refer to Section I of the Undergraduate Calendar (<https://www.ucalgary.ca/pubs/calendar/current/i-3.html>) which describes how to have a grade reappraised. In addition, the student should refer to the SAPL's Procedure for reappraisal of grades

OTHER IMPORTANT INFORMATION

Please visit the Registrar's website at:

<https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

- Wellness and Mental Health Resources
- Student Success
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk