Course Number	LAND 618	Classroom	Zoom and Computer Lab
Course Name	Advanced Graphics in Landscape Architecture		
Pre/Co-Requisites			
Instructor	Daniel Saenz	**Office Hours/Location**	By appointment / via zoom
	Email: daniel.saenz1@ucalgary.ca		**Phone: (587) 435 - 2231**
Class Dates	Wednesdays, January 12 – April 6, 9:00am to 12:00pm Class #1-5 over Zoom, in real-time. Starting February 16 we switch to in-person. Asynchronous assignments due dates: see Section 'Topic Areas & Detailed Class Schedule'		
Instructor Email Policy	Please note that all course communications must occur through your @ucalgary email, and I will respond to emails sent via student's @ucalgary emails within 48 hours.		
Name and Email of Teaching Assistant(s)			

Course Description

Graphic representation is the language of design. Using graphics, designers understand and document a place, through empirical and data-driven methodologies that inform the decision-making process.

Initial ideas emerge, which are used to explore form, spatial configuration, and programmatic relationships. Those loose lines evolve and get more precise as students familiarize with the formal syntax of three-dimensional modelling, constructing digital space to iteratively test and progress from concept to schematic design.

Diagrams, plans and other graphics are produced to communicate design intent as well as to explore and evolve design thinking. Static and non-static representation techniques are studied, to prepare students with an array of tools useful through their academic years as well as future practice.

Course Hours: 3 units

Online Delivery (If applicable)

The first module of this course will take place online via Desire2Learn (D2L) and Zoom. This goes from class #1 (January 12) to class #5 (February 9). Students are required to participate in both synchronous and asynchronous activities. Synchronous activities will include lectures, class reviews, virtual desk reviews and guest critics, via Zoom platform, and will be held during the course class time. Students will base the asynchronous learning on readings, research and assignments development via D2L, where teaching material will be shared.

If unable to participate live due to unforeseen circumstances, inform the instructor in advance to work out an alternative participation activity.

Course Learning Outcomes

Upon completion of this course, students will know and be able to:

1. Develop an understanding of a wide array of architecture graphics and when to use them
2. Use graphics as part of the design process
3. Familiarize with digital techniques that will speed-up their workflow
4. Iteratively go from sketch to model (and back to sketch) in a seamless way
5. Build a personal graphic expression based on their unique skills

Learning Resources

General Bibliography:

Amoroso, N. (Ed.) Representing Landscapes: Digital. Taylor and Francis. Available at https://ebookcentral-proquest-com.ezproxy.lib.ucalgary.ca/lib/ucalgaryebooks/detail.action?docID=1975298

Workshop Safety Training Requirement
If a course requires the use of the SAPL workshop, students must complete all online University of Calgary safety courses, the online Trajectory safety training course, as well as in-person workshop training and a grade of pass on the final evaluation project, to be granted access to the SAPL workshop. This training is offered once a year, around the start of the Fall term and has a completion deadline.

Additional Classroom Conduct and Related Information

Guidelines for Zoom Sessions in Online Classes
Students are expected to participate actively in all Zoom sessions and to turn on their webcam. Please join our class in a quiet space that will allow you to be fully present and engaged in the Zoom sessions. Students must behave in a professional manner during the session. Students, employees, and academic staff are also expected to demonstrate

behaviour in class that promotes and maintains a positive and productive learning environment.

Assessment Components

Assessment Method	Description	Weight	Aligned Course Learning Outcome
Desk crit - Graphic clarity/quality and communication	Series of context-based diagrams to illustrate the site understanding	1 pt	Site/Context modelling and analysis
Desk crit - Graphic clarity/quality and narrative consistency	Design narrative to show ideas/design intent through drawings and diagrams	1 pt	Sketching, iterative modelling and illustrating an idea
Final presentation – Graphic communication and presentation clarity	The final presentation will take everything that has been learned and apply to showcase design evolution and resolution	2 pt	Static and Non-Static representation

Assessment and Evaluation Information

Attendance and Participation Expectations:
Students are expected to be in attendance (via Zoom) for the entirety of class activities, and are required to attend all assignment reviews.

Guidelines for Submitting Assignments:
All work must be completed on time, and all students must take part in the presentations and reviews.

Final Examinations:
The course evaluation will be based on the assignments completed during the term. There will be no final examination.

Expectations for Writing (https://www.ucalgary.ca/pubs/calendar/current/e-2.html):

Late Assignments:
Late submission of material to be presented is not acceptable (grades will be deducted for work submitted later than the deadline specified in the course/assignment brief or as discussed in class).

Criteria that must be met to pass:
Students must obtain an overall passing grade (i.e. minimum B-) to pass this course, however, if a student fails any phase of the course worth 25% or more they will fail the course. A

student who feels that a piece of graded term work (term paper, essay, test, drawings/panels etc.) has been unfairly graded may have the work re-graded. The student shall discuss the work with the instructor within fifteen days of being notified about the mark or of the item's return to the class. More information can be found in the Graduate Calendar: http://www.ucalgary.ca/pubs/calendar/grad/current/gs-o.html

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.

Topic Areas & Detailed Class Schedule

Include information relevant to the class schedule, such as weekly topics, readings, and assignment due dates. For online, remote or blended courses include whether course activities are synchronous (i.e., real-time/Zoom) and asynchronous (i.e., students complete on their own time such as discussion boards, watching videos, etc.). It is recommended that important dates including the first day of classes, holidays, term breaks and last day of classes also be included.

Course Schedule Date	Topic	Assignments/Due Dates
January 12	Understanding the site: Integrating relevant datasets and basic linework (Intro to Civil 3d and ArcGIS)	
January 19	Context Modelling: Terrain and massing (Intro to Rhino)	Assignment #1 presentation and guidelines
January 26	Site analysis: Tools and workflows for quick assessment (Rhino)	
February 2	Sketching an idea: From hand to digital (Intro to Photoshop)	Assignment #1 submission
February 9	Iterative modelling in 3d (Rhino)	Assignment #2 presentation and guidelines
February 16	Illustrating an idea: Diagrams as tools for design exploration (Intro to Illustrator)	
March 2	Precision modelling as part of the design workflow (Rhino)	Assignment #2 submission and final review
March 9	Static Representation: From 3d to 2d (Illustrator)	
March 23	Realistic material representation, lighting and rendering in VRay (Rhino)	Assignment #3 presentation and guidelines
March 30	Static and Non-static Representation: Landscapes in Motion (Photoshop, InDesign and After Effects)	
April 6	Individual presentation of final assignment	Assignment #3 and presentation

Indicate the following dates:
- If applicable, dates, times and locations of all approved class activities scheduled outside of regular course hours

Guidelines for Zoom Sessions

Zoom is a video conferencing program that will allow us to meet at specific times for a "live" video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community.

To help ensure Zoom sessions are private, do not share the Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for

students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published without the instructor's permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith, and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behaviour in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g Student Non-Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your zoom sessions visit: https://elearn.ucalgary.ca/guidelines-for-zoom/

If you are unable to attend a Zoom session, please contact your instructor in advance to arrange an alternative activity for the missed session (e.g., to review the recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other purpose.

Special Budgetary Requirements

N/A

University of Calgary Policies and Supports

COVID-19 PROCEDURE FOR SICK STUDENTS: https://ucalgary.ca/risk/sites/default/files/Covid-19%20Folder/COVID-19-Procedure-for-Sick-Students.pdf

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 unauthorised 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 the course, academic matter, or a grade that they have been assigned, they must first communicate this concern with the instructor. If the concern cannot be resolved with the instructor, the student can proceed with an academic appeal, which normally begins with the Faculty. https://www.ucalgary.ca/secretariat/student-appeals

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