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## Winter 2024

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<b>Course Number</b>	ARCH 694.14 L06	<b>Classroom</b>	Zoom + CBDL
<b>Course Name</b>	Design Through Making		
<b>Pre/Co-Requisites</b>			
<b>Instructor</b>	Khalid Omokanye	<b>Office Hours/Location</b>	By appointment
	<b>Email:</b> <a href="mailto:KhalidAhmed.Omokanye@ucalgary.ca">KhalidAhmed.Omokanye@ucalgary.ca</a>	<b>Phone:</b> + 1 (403) 671 1275	
<b>Class Dates</b>	Fridays January 12 – April 12		
<b>Instructor Email Policy</b>	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.		
<b>Name and Email of Teaching Assistant(s)</b>	Na		

### Course Description:

ARCH 694- Design Through Making, supports student projects in their final studio. The course provides students with an avenue for feedback and discussion on their studio project through the production of parti-models, sketch models, tectonic drawings, and detail oriented physical models.

**Course Hours:** 1.5 units (1.5 hrs weekly)

### Course Learning Outcomes:

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

- 1.Think critically about architectural formal ideas
- 2.Distill / Abstract architectural ideas into tectonic forms
- 3.Build compelling models

### Learning Resources:

- Klanten, R. (2011) *Data flow: Visualising information in Graphic Design*. Berlin: Gestalten-Verl.
- Hertzberger, H. (2005) *Lessons for students in Architecture*. Rotterdam, NLD: 010.

- Astbury, J. (2020) *Architects do it with models: The History of Architecture in 16 models*, *Architectural Review*. Available at: <https://www.architectural-review.com/essays/architects-do-it-with-models-thehistory-of-architecture-in-16-models> (Accessed: 20 December 2023).
- Purves, A. (1982) 'The persistence of formal patterns', *Perspecta*, 19, p. 138. doi:10.2307/1567058.
- Koolhaas, R., Westcott, J. and Petermann, S. (2018) *Elements of architecture*. Köln: Taschen.

## Workshop Safety Training Requirement

Student 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
Tectonic Diagrams	Create a series of (10) tectonic diagrams exploring one selected work of architecture	5%	
Tectonic Sketch Models	Create a series of (3) Architectural models exploring aspects of a selected notable work of architecture	10%	
Parti Model	Create a Parti Model Distilling the initial concept of your studio project into a sculptural form	10%	
Tectonic Model	Generate a Sculptural Massing model that puts forward the	15%	

	architectural moves in your studio project		
Siting Model	Create a Siting Model that places your Studio project as an object in a landscape	20%	
Building Model	Create scaled, edited building model that represents your final studio project	20%	
Detail Model	Create a large scale detail model of an object / moment / detail of your studio project that you believe to be emblematic of your full scheme	20%	

## Assessment and Evaluation Information

### Attendance and Participation Expectations:

### Guidelines for Submitting Assignments:

**Final Examinations:** N/a

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

### Late Assignments:

**Criteria that must be met to pass:** an attempt at ALL assessment criteria is required for a passing grade in this course

### 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/f-1-3.html>

## CACB Student Performance Criteria

The following CACB Student Performance Criteria will be covered in this course at a primary level (other criteria will be covered at a secondary level): A2: Design Skills; A3: Design Tools; A5: Site Context and Design; A7: Detail Design; B1: Critical Thinking & Communication.

## Topic Areas & Detailed Class Schedule

Course Schedule Date	Topic	Assignments/Due Dates
Jan 12	First Day of Class Introductions + Course Outlines + Exercise 01 handout	
Jan 19	Exercise 01 due. Discussions on tectonics, architectural forms & representations. Exercise 02 handout	Exercise 01
Jan 26	Exercise 02 due. Discussions on modeling and the transfer of	Exercise 02

	architectural ideas into sculptural representations. Exercise 03 handout	
Feb 2	Exercise 03 due. Roundtable on the use of parti-models in architectural discourse. Exercise 04 handout	Exercise 03
Feb 9	Exercise 04 due. Formal Critic on parti - tectonic model, formal translations and architectural representations. Exercise 05 handout	Exercise 04 + Mid-term review session
Feb 12 – 16	Winter SAPL Block week	
Feb 19	Family Day Observed	
Feb 19 – 23	Winter Term Break	
Mar 1	Exercise 05 due. Objects in Landscape discussion. Exercise 06 handout	Exercise 05
Mar 8	Interim discussions model making techniques	
Mar 15	Interim discussions model making techniques	
Mar 22	Exercise 06 due. Discussions on building modeling and formal editing. Exercise 07 handout	Exercise 06
Mar 28	Interim discussions form gestalt	
Mar 29	Good Friday – University closed	
Apr 1	Easter Monday – University closed	
Apr 5	Last Day of Class Formal Crit, final model review, the journey from parti to final form	Exercise 07 + Final Review session
Apr 15 – 19	Final Review week	
Indicate the following dates:		
<ul style="list-style-type: none"> <li>If applicable, dates, times and locations of all approved class activities scheduled outside of regular course hours</li> </ul>		

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/sites/default/files/teams/1/Policies-Accommodation-for-Students-with-Disabilities-Procedure.pdf>. 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/](http://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://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy>

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 (<https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy>) 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 AND GENDER-BASED 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/legal-services/university-policies-procedures/sexual-and-gender-based-violence-policy>.

## **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