



Fall 2023

Course Number	ARCH 506	Classroom	CBDL Third Floor Studio
Course Name	Studio One in Architecture		
Pre/Co-Requisites	ARCH 504		
Instructor	Assistant Professor, Dan Hapton	Office Hours/Location	By Appointment
	Email: daniel.hapton@ucalgary.ca	Phone:	
Class Dates	Mandatory classes, all in-person: Mondays, Tuesdays, Thursdays, Fridays, Sept 5 – Dec 6, 2:00pm to 6:00pm		
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:

A studio that explores foundational concepts in architectural design and form making involving a sequence of progressive skill building, visual and spatial thinking and problem-solving exercises.

<https://www.ucalgary.ca/pubs/calendar/current/architecture.html>

This course may not be repeated for credit.

Course Hours: 6 units; (0-8)

Course Learning Outcomes:

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

1. acquire knowledge through a design process that integrates critical thinking with design thinking.

2. develop a consciousness of and become conversant in the discipline of architecture and its fundamentals.
3. develop skills to explore and manipulate architectural space and forms towards design intentions.
4. develop an awareness of architecture's relationship to functional programs and learn to tune the relationship between architectural form and program towards design intentions.
5. develop an awareness of architecture's relationship to site and context and learn to tune architectural responses to existing conditions through analysis and design.
6. develop skills to explore and document architectural ideas through analysis, interpretation, and iteration as a synthetic process.

Learning Resources:

Links to readings will be provided.

Recommended readings, textbooks and learning materials:

- Ching, Francis D. K., *Architecture--form, space, & order 3rd Edition* (Hoboken, N.J: John Wiley & Sons, 2007)
- Crowe, Norman, *Visual notes for architects and designers* (New York: Van Nostrand Reinhold, 1984)
- Smith, Kendra Schank ; Porter, Tom, *Architects' drawings: a selection of sketches by world famous architects through history* (2006)
- Unwin, Simon, *Twenty-five buildings every architect should understand 2nd Edition* (New York: Routledge, 2015)
- Ed. Sykes, Krista, *Constructing a new agenda : architectural theory 1993-2009* (New York Princeton Architectural Press, 2010)
- Papapetros, Spyros; Rose, Julian, *Retracing the expanded field : encounters between art and architecture* (Cambridge MA: The MIT Press, 2014)
- Banham, Reyner "A Black Box" in the *New Statesman* (London: New Statesman Ltd, 1990)
- Krauss, Rosalind, "Sculpture in the Expanded Field" in *October Vol. 8* (Cambridge MA: The MIT Press, 1979)
- Hays, K. Michael, "Critical Architecture: Between Culture and Form" in *Perspecta Vol. 21* (Cambridge MA: The MIT Press, 1984)

Technology requirements (D2L etc.):

In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology:

- A computer with a supported operating system, as well as the latest security, and malware updates

- A current and updated web browser
- Webcam (built-in or external)
- Microphone and speaker (built-in or external), or headset with microphone
- Current antivirus and/or firewall software enabled
- Broadband internet connection
- Software Including:
 - o Rhinoceros 7
 - o Adobe Creative Cloud (Indesign, Illustrator, Photoshop)
 - o Assignment Specific Plugins

Most current laptops will have a built-in webcam, speaker and microphone.

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
Design Project 1	Analytical design exercise that teaches geometry and visual notes with sketching, measured sketching, orthographic projection, and physical models.	20%	1, 2, 3, 6
Design Project 2	Siteless design exercise that teaches human scale, composition and	25%	1, 2, 3, 4, 6

	proportions with precedent, diagrams, programs, architectural plans and sections, and physical models.		
Design Project 3	Contextual design exercise that teaches architecture's relationship to environmental and cultural conditions with diagrams, mappings, a complete set of architectural drawings, and physical models.	25%	1, 2, 3, 4, 5, 6
Design Project 4	Design Synthesis exercise that amalgamates the former three projects into a final synthesis for the design of house with a complete set of architectural drawings, diagrams, and physical models.	25%	1, 2, 3, 4, 5, 6
Documentation	A course portfolio documenting the work of all projects.	5%	1, 2, 3, 4, 5, 6

Assessment and Evaluation Information

Attendance and Participation Expectations: Students are expected to complete all assignments, be present in studio on Mondays and Thursdays (and other studio days as required) and attend all lectures and reviews. Students are also expected to read any assigned readings. Detailed project descriptions will be provided throughout the term by the studio instructors.

Guidelines for Submitting Assignments: Students will submit assignments for grading according to the guidelines given by their studio section instructor.

Final Examinations: This course does not have a final exam. Evaluation is based on the breakdown of Projects listed above, which include mid term and final review presentations.

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

Late Assignments: Students will lose a letter grade for every 24 hours that their work is late.

Criteria that must be met to pass: A passing grade in all Design Projects is required in order to pass the course as a whole.

Evaluation Criteria: Student work will be evaluated based on the below criteria. Section instructors will include their rubric for evaluation with assignment handouts and may include additional criteria at their discretion.

Critical Thinking—the project demonstrates a creative and thoughtful response to the given subject matter. The student works through an iterative process to test and refine their ideas critically.

Technique—the execution of deliverables demonstrates technical proficiency in the use of the architectural skills taught.

Professionalism—the student is present and on time, contributes positively to studio culture, is prepared for reviews, fulfills interim deliverables. In general, they conduct themselves in a professional manner.

Completeness— All project deliverables are completed.

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): A1: Design Theories, Precedents, and Methods; A2: Design Skills; A3: Design Tools; A4: Program Analysis; A5: Site Context and Design; B1: Critical Thinking and Communication.

Topic Areas & Detailed Class Schedule Subject to change.

Course Schedule Date	Topic	Assignments/Due Dates
Sept 5	Analytical Design	Design Project 1 Assigned
Sept 21-25		Design Project 1 Due
	Siteless Design	Design Project 2 Assigned
Monday October 9	Thanksgiving Holiday	
Oct 12-16		Design Project 2 Due
	Contextual Design	Design Project 3 Assigned
Sept 30 - Nov 2		Design Project 3 Due
	Design Synthesis	Design Project 4 Assigned
Nov 6 - 10	Fall SAPL Block week	
Nov 12 - 18	Fall Term Break	
Nov 13	Remembrance Day Observed	
Dec 11		Design Project 4 Due
Dec-11 - 15	Final Review Week	
Dec 15		Documentation Due

University of Calgary Policies and Supports

[**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/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/.

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