



Land Acknowledgement:

<https://www.ucalgary.ca/indigenous/cultural-teachings/territorial-land-acknowledgement>

Course Number: ARCH 201

Course Name: Architecture and the Future of Cities

Classroom: [REDACTED]

- Lectures – Monday and Wednesday 12:00PM - 12:50PM
- Tutorial 01 – Friday 12:00PM - 12:50PM
- Tutorial 02 – Friday 12:00PM - 12:50PM
- Tutorial 03 – Friday 12:00PM - 12:50PM
- Tutorial 04 – Friday 12:00PM - 12:50PM



Instructor: Chris Hardwicke

- Email: chris.hardwicke@ucalgary.ca
- [REDACTED]
- Phone: [REDACTED]
- Office Hours and Location: By appointment through email, before or after class or virtually.
- Instructor Email Policy: Please note that all course communications must occur through your @ucalgary email, and I will respond to emails sent via students' @ucalgary emails within 48 hours excluding weekends and statutory holidays.

Teaching Assistants:

- Julia Thompson: julia.thompson2@ucalgary.ca
- Harman Brar: harman.brar1@ucalgary.ca
- Raymelene Apil raymelene.apil@ucalgary.ca
- Eric Cheung: ehycheun@ucalgary.ca

Class Dates:

Mandatory in-person classes: Monday and Wednesday, 12:00PM - 12:50PM, Sep 2, - Dec 5, 2025

Mandatory in-person tutorials: Friday, 12:00PM - 12:50PM, Sep 2, - Dec 5, 2025

Course Description:

An introduction to architecture as an artistic and scientific endeavor as well as an examination of its purpose and intentions, its processes, and its products. Students will develop an understanding of the social, cultural, historical, technological, economic, and natural context influencing the design of buildings and other objects.

- Course Hours: 3 units; (2-1T)
- Academic Calendar description:
<https://calendar.ucalgary.ca/courses/1651591>

Requisites: See [Section 3.3.5](#) of the Academic Calendar for more information regarding School of Architecture, Planning and Landscape courses.

- Prerequisite(s): none.
- Corequisite(s): none.

Course Delivery:

- Class delivery is a mandatory in-person format with some exceptions discussed in class and with respect to developing circumstances.
- In case where remote learning is required, a synchronous Zoom modality will be adopted.
- Desire2Learn (D2L) will be used to facilitate the submission and evaluation of all course materials with the exception of in person evaluations and desk critics.

Course Learning Outcomes:

1. **Analyze** the relationship between architecture and urban environments in addressing contemporary challenges
2. **Evaluate** how architectural design can contribute to climate resilience and environmental sustainability
3. **Examine** the role of architecture in promoting social equity and community well-being
4. **Understand** the interdisciplinary nature of architectural practice and its connections to technology, economics, and culture
5. **Develop** critical thinking skills for assessing built environments and their impact on society
6. **Communicate** architectural concepts through written analysis and visual representation

Learning Resources:

Required Texts and Materials

Recommended Reading

- Awan, Nishat, Tatjana Schneider, and Jeremy Till. *Spatial Agency: Other Ways of Doing Architecture*. London: Routledge, 2011.
- Addis, Bill. *Building: 3000 Years of Design, Engineering and Construction*. Phaidon, 2007.
- Alexander, Christopher. *A Pattern Language: Towns, Buildings, Construction*. Oxford University Press, 1977.
- BIG. *Yes is More. An Archicomic on Architectural Evolution*. Taschen, 2009.
- Brand, Stewart. *How Buildings Learn*. Penguin Books, 1994.
- Ching, Francis D.K., and James F. Eckler. *Introduction to Architecture*. Wiley, 2012.
- Ching, Francis D.K. *Architecture: Form, Space, & Order*. Wiley, 2015.
- De Graaf, Reinier. *Four Walls and a Roof: The Complex Nature of a Simple Profession*. Harvard University Press, 2017.
- Fitzgerald, Des. *The City of Today is a Dying Thing*. Faber and Faber, 2024.
- Frampton, Kenneth. *Modern Architecture: A Critical History*. 4th edition. Thames & Hudson, 2007.
- Gehl, Jan. *Cities for People*. Island Press, 2010.
- Hertzberger, Herman. *Lessons for Students in Architecture*. 2017
- Norberg-Schulz, Christian. *Genius Loci: Towards a Phenomenology of Architecture*. Rizzoli, 1980.
- Pallasmaa, Juhani. *The Eyes of the Skin: Architecture and the Senses*. 3rd edition. Wiley, 2012.
- Rasmussen, Steen Eiler. *Experiencing Architecture*. MIT Press, 1959.
- Rudofsky, Bernard. *Architecture Without Architects*. University of New Mexico Press, 1964.
- Unwin, Simon. *Analysing Architecture*. Taylor & Francis, 2003.
- Venturi, Robert. *Complexity and Contradiction in Architecture*. Museum of Modern Art, 1966.
- Zevi, Bruno. *Architecture as Space: How to Look at Architecture*. Horizon Press, 1957.
- Zumthor, Peter. *Thinking Architecture*. Birkhäuser, 2010.

Materials

- Sketchbook or journal for observations
- Basic drawing materials (pencils, pens)
- Access to computer for digital presentations
- Technology requirements:

- 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
 - Most current laptops will have a built-in webcam, speaker and microphone.
 - [Student IT Resources](#)

Special Budgetary Requirements:

- None.

Additional Classroom Conduct and Related Information:

- **Code of Conduct:** The SAPL Studio spaces and other SAPL/University-provided facilities and equipment are governed by the [University's Student Non-Academic Misconduct Policy](#). Professional and courteous behavior is expected at all times. For more information, please refer to [Appendix 1: Prohibited Conduct](#), including the following categories: 1. Protection of Individuals; 2. Protection of Property; 3. Protection of University Functions, Activities and Services; 4. False Information and Identification; 5. Possession or Use of Dangerous Objects, Drugs or Alcohol; 6. Aiding in the Commission of an Offence; 7. Contravention of Other Laws and University Policies; and 8. Failure to Comply with a Sanction.
- 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.
- If video conferencing tools such as Zoom or Microsoft Teams will be used during course activities, provide information related to student learning and conduct, and indicate whether these sessions will be recorded.
 - E.g., 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 Microsoft 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.

Assessment Components:

The University policy on grading and related matters is described in [F.1](#) and [F.2](#) of the Academic Calendar. In determining the overall grade in the course, the following weights will be used:

Assessment Method	Description	Weight	Aligned Course
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			Learning Outcome
Participation	Attendance and contribution to tutorial discussions and activities.	15%	2,3,4,5,6
A1 – Experiencing Space	Urban space analysis and plan and section of an existing space.	20%	1,2,3,4,5,6
A2 – Precedent Analysis	Description and analysis of an architectural precedent in groups.	20%	1,2,3,4,5,6
A3 – Design Intervention	Explorations of annotated analysis and design intervention in the space explored in A1.	20%	1,2,3,4,5,6
A4 – Personal Manifesto	A personal manifesto/advocacy statement relating to the evolution of the architectural profession, related to personal beliefs.	25%	2,3,4,5,6

▪ Assessment and Evaluation Information:

- Attendance and live participation for the entire duration of course assessments are mandatory (e.g., pin up review, midterm review, final review, exam, etc.) and must be completed in person unless otherwise stated.
- Throughout the semester, students will engage in a series of interconnected assignments and discussions designed to deepen their understanding of architectural practice and theory. Each student will actively participate in both section and tutorial group discussions, which will contribute to their overall grade. These sessions provide a space for collaborative learning and critical dialogue around course themes.
- One of the central assignments is the creation of an architectural manifesto. This written piece serves as a personal response to a summative question posed by the instructor, encouraging students to reflect critically on their motivations for pursuing design and their relationship to the field of architecture. The manifesto is intended to be introspective and thought-provoking, offering insight into each student's unique perspective.
- In addition, students will deliver a short presentation within their tutorial group. This presentation will focus on an architecturally significant building that relates to the subject matter of the course. It should include a clear description and analysis of the building, supported by annotated diagrams that highlight key architectural features and concepts.
- Students will also produce a set of drawings representing an existing space or context that they find compelling. These drawings may focus on a portion of the space and should capture its architectural character and spatial qualities. Building on this analysis,

- students will then develop a basic design project for the same space or context, applying their insights to propose thoughtful interventions or transformations
- If a student misses (or is late for) a required component of the course for a valid excuse or absence, they must contact the instructor in writing within 24 hours to discuss applicable options to submit and/or make-up for that component.
 - Alternate arrangements for missed in-person assessments with a valid excuse will be made on a case-by-case basis at the discretion of the Instructor, upon review of the student's class participation and attendance record.
 - For example, students who have missed an in-person assessment (e.g., oral presentation) as a result of an excused absence may be asked—*if applicable to the assessment*—to submit a self-recorded video (via Zoom's auto-record feature) in lieu of an in-person engagement.
 - For assessments submitted online (e.g., D2L), late assignments *with a valid excuse* may be considered for grading without penalty at the discretion of the Instructor and upon review of the student's class participation and attendance record. Otherwise, the course's standard grade penalties (indicated below) will apply.
 - For assessments submitted online (e.g., D2L), all late assignments *without a valid excuse* will lose a letter grade (e.g., A- to B-) every 24 hours after the submission date/time. Late assignments submitted more than four days late constitute an automatic zero (0).
 - Missed in-person assessments (e.g., oral presentation, exam, etc.) as a result of an *unexcused* absence will receive an automatic zero (0).
- Attendance and Participation Expectations:
- Students are expected to attend and come prepared to meaningfully engage in all class sessions. This includes producing or preparing content necessary for discussion and contributing to individual and class-wide discussions and/or conversations/assessments with the Course Instructor.
 - **Excused Absences:** In the event of an exceptional circumstance (e.g., illness, bereavement, etc.) or an exceptional opportunity (e.g., varsity athletic competition, national conference or awards ceremony, pow wow, etc.) up to four excused absences (for courses that meet twice or more per week) and up to two excused absences (for courses that meet once per week) are allowable per semester before jeopardizing one's own course grade and ability to pass the course. However, any such arrangements must be approved by the Instructor with advance notice by the student.
 - **Unexcused Absences:** Attendance at all class sessions and participation in all assessments is mandatory. Unexcused absences in excess of two per semester (for courses that meet twice per week) and one per semester (for courses that meet once per week) are grounds for failure in the course.
 - **Total Number of Absences:** The combined total number of excused AND unexcused absences per semester cannot exceed four per semester (for courses that meet twice

per week) or two per semester (for courses that meet once per week). Any number in excess are grounds for failure in the course.

- Guidelines for Submitting Assignments:
 - All assignments (e.g., projects, papers, presentations, etc.) must be turned in on time.
 - Please submit all assignments electronically through Dropbox in D2L. Assignments may be submitted in PDF format (unless otherwise stated). Assignments should have a file name as follows: “Coursenumber_semester_Lastname-Firstname_assignment-title” (e.g., DSGN201_F25_Lastname-Firstname_Assignment#).
 - Students are responsible for ensuring that all submitted digital files are in the correct format, complete, and accessible. Submissions that are corrupt, empty, incorrect (e.g., wrong file type), or inaccessible may receive a grade of zero. It is not the Instructor’s responsibility to verify or notify students of submission errors. Students are encouraged to double-check their uploads and retain confirmation of successful submission.
 - **Late Assignments:** Please see above for the course’s policy on late assignments/assessments.
- Final Examinations:
 - This course has no final examination.
- Expectations for Writing:
 - Please see the “Copyright and Legislation” Section of the University of Calgary Policies and Supports for information on the use of AI in this course.
 - Section E.2 Writing Across the Curriculum:
<https://calendar.ucalgary.ca/pages/2c2d1ce47b8c4d008aec9cc3da49876e>
- Criteria for passing the course entails the submission of all mandatory assignments (i.e., A1, A2, A3, and A4) and achieving a minimum overall grade of 55%.

Flexible Grade Option (CG Grade):

As per [Section 3.5.1](#) of the Academic Calendar, the School of Architecture, Planning and Landscape will not permit the Flexible Grade Option (CG Grade) for any course offered by the School, with the exception of the following courses:

- Architecture 201
- Landscape Architecture 201
- Planning 201

Grading Scale:

Based on [Section F.1.1](#) of the Academic Calendar

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	95-100	Outstanding performance
A	4.00	3.85-4.00	90-94.99	Excellent performance
A-	3.70	3.50-3.84	85-89.99	Approaching excellent performance
B+	3.30	3.15-3.49	80-84.99	Exceeding good performance
B	3.00	2.85-3.14	75-79.99	Good performance
B-	2.70	2.50-2.84	70-74.99	Approaching good performance
C+	2.30	2.15-2.49	65-69.99	Exceeding satisfactory performance
C	2.00	1.85-2.14	60-64.99	Satisfactory performance
C-	1.70	1.50-1.84	55-59.99	Approaching satisfactory performance. Minimum grade requirement for SAPL prerequisite courses.

D+	1.30	1.15-1.49	50-54.99	Marginal pass. Insufficient preparation for subsequent courses in the same subject.
D	1.00	0.50-1.14	45-49.99	Minimal Pass. Insufficient preparation for subsequent courses in the same subject.
F	0.00	0-0.49	0-44.99	Failure. Did not meet course requirements.

Topic Areas and Detailed Class Schedule:

Date	Topic	Assessments and Due Dates
Wed. Sep. 3	Course Overview	A1 Introduction
Fri. Sep. 5	Campus Architecture Walk	
Mon. Sep. 8	Introduction to Architecture	
Wed. Sep. 10	The Architect's Role	
Fri. Sep. 12	Tutorial: A1 Workshop	
Mon. Sep. 15	Reading The Environment	
Wed. Sep. 17	Space, Place, And Experience	A2 Introduction
Fri. Sep. 19	Downtown Architecture Walk	A1 DUE at 11:59pm
Mon. Sep. 22	Drawing as Thinking: Representing Architecture	
Wed. Sep. 24	Spatial Composition: Basic Principles of Design and Space	
Fri. Sep. 26	Tutorial	
Mon. Sep. 29	Building Structures and Systems	
Tues. Sep. 30	National Day for Truth and Reconciliation, University Closed	
Wed. Oct. 1	Kit Of Parts: Architectural Elements and Principles	
Fri. Oct. 3	Tutorial	
Mon. Oct. 6	Architecture Through Time	
Wed. Oct. 8	Modernism and its Legacies	A3 Introduction
Fri. Oct. 10	Tutorial	A2 DUE at 11:59pm
Mon. Oct. 13	Thanksgiving Day, University Closed	
Wed. Oct. 15	Guest:	
Fri. Oct. 17	Tutorial	
Mon. Oct. 20	Postmodernism and Contemporary Practice	
Wed. Oct. 22	Urban Systems	
Fri. Oct. 24	Tutorial	
Mon. Oct. 27	Architecture and the City	
Wed. Oct. 29	Architecture and the Suburbs	
Fri. Oct. 31	Tutorial	
Mon. Nov. 3	Architecture as Cultural Interface	
Wed. Nov. 5	Architecture as Social Practice	A4 Introduction

Fri. Nov. 7	Tutorial	A3 DUE at 11:59pm
Nov. 9-15	Term Break, No Classes	
Mon. Nov. 17	Sarah Ha. BDCI and SAPL presentation.	
Wed. Nov. 19	Climate Resilience and Sustainable Systems	
Fri. Nov. 21	Tutorial	
Mon. Nov. 24	Spatial Agency and User Empowerment	
Wed. Nov. 26	Commons And Collective Space	
Fri. Nov. 28	Tutorial	
Mon. Dec. 1	Metabolic Architecture and Infrastructural Urbanism	
Wed. Dec. 3	Speculative Futures	A4 DUE at 11:59pm
Fri. Dec. 5	Last Day of Classes	
Tue. Dec. 9	Start Of Exams	
Fri. Dec. 19	End Of Exams	

Scheduled Out-of-Class Activities:

There are no scheduled out-of-class activities for this course.

University of Calgary Policies and Supports:

UNIVERSITY OF CALGARY COVID-19 UPDATES AND PROCEDURES

<https://www.ucalgary.ca/risk/emergency-management/covid-19-response/covidsafe-campus>

ACADEMIC ACCOMMODATION

<https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations>

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).

[Student Accessibility Services](#) 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 Procedures please visit:

- Student Academic Misconduct Policy: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy>
- Student Academic Misconduct Procedure: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure>

Additional information is available on the Academic Integrity Website at <https://www.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/legal-services/university-policies-procedures/student-non-academic-misconduct-policy>).

Notice to Students Regarding Use of Generative Artificial Intelligence (AI) Applications and Tools in Learning Environments

- **Restricted Use:** The use of generative AI, including the use of work created by generative AI tools and applications in course assignments and assessments may be considered in accordance with the university's academic misconduct policy. <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy> If you are in doubt as to the use of generative AI tools in this course, please discuss your situation with the course instructor.
 - AI tools can be used for learning course material but not for completing assignments.
 - The use of AI tools for assignments may be considered an academic offense.
 - Students must not copy or paraphrase from AI applications for assignments.

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.

PROTECTION OF PRIVACY ACT

The University of Calgary (University) respects your privacy and is committed to ensuring the privacy of all students, staff, and community members. UCalgary's collection, use, and disclosure of your personal information is authorized under section 4(c) of the Alberta [Protection of Privacy Act](#) (POPA). It will be collected, used and disclosed as permitted under POPA and in accordance with the University's [Privacy Policy](#) and [Notice of Collection, Use and Disclosure of Student Personal Information](#). All student assignments and personal information provided to your course instructor will remain confidential unless otherwise stated before submission. It will not be disclosed to anyone else without your permission unless permitted under POPA.

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 and Gender-Based Violence Policy guides us in how we respond to incidents of sexual and/or gender-based violence, including supports available to those who have experienced or witnessed sexual/gender-based violence, or those who are alleged to have committed sexual/gender-based 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://calendar.ucalgary.ca/uofcregs/university-regulations/reappraisal-term-work>) which describes how to have a grade reappraised.

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