

Introduction to Architecture and Design

Instructors

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Teaching Assistants

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Days & Times

Lectures: Mondays & Wednesdays 12:00 – 12:50 MFH 160

Tutorials: Fridays 12:00 – 12:50 *Breakout Rooms*

Textbooks

Two books are required for this class. They are both available at the University of Calgary bookstore.

James F. O’Gorman
ABC of Architecture
(Univ. of Pennsylvania Press, 2002)

Hazel Conway and Rowan Roenisch
Understanding Architecture, 2nd ed.
(Routledge, 2005)

Course Description

This course is an introduction to architecture as an artistic and scientific endeavour 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 Objectives

At the end of the course, students will be able to:

- Outline the things that architects and others do to produce buildings. By extension, they will be able to tell what architecture students learn to do.
 - Summarize and discuss current issues in architecture and design, based on class lectures, public events, and/or news sources.
 - Describe (orally, textually, graphically) and interpret key aesthetic, social, technological, and other characteristics of buildings in Calgary.
 - Represent graphically and analyze a space familiar to them (e.g., their home or apartment).
 - Explore ways to adapt or modify that same space.
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Teaching Approach

The course is lecture based, delivered by the course instructors and guest lecturers. There is also tutorial time each week to facilitate class discussion, and provide feedback in the preparation of student deliverables.

Means of Evaluation

During the semester, each student will produce two short papers (typically 2-3 pages), participate in section/group discussions, give one short presentation in their discussion group, produce one measured drawing, one annotated graphic analysis, and one elementary design project. There will be no midterm or final exams.

The papers will be responses to the current subject matter in the course (lectures, discussions, public events), and are designed so that students can explore the language and issues of architecture and design. The short presentation will be a description and interpretation of a Calgary building in relation to topics covered in the course. The measured drawing will be of a portion of the space they consider their home, while the annotated graphic analysis and the final design assignment will apply ideas from the course to the modification of that same home space. There will also be in-class writing, group discussion, and other assignments, especially in the discussion groups, all of which will be reflected in the portion of the grade for participation. We will give out more detailed handouts and/or talk about the papers in class before they are due. (The assignments for Response Papers 1 and 2 are found at the end of this syllabus.)

Course Deliverables

A0	10%	Participation (attendance, discussion, in-class assignments, and group work)
A1	10%	Response Paper One
A2	10%	Measured drawing of a home space
A3	20%	Building analysis presentation
A4	10%	Response Paper Two
A5	20%	Annotated graphic analysis of a home space
A6	20%	Application of design ideas to the home space

Grading Scale

Grade	Grade Point	Percent Range
A+	4.0	92.5 – 100
A	4.0	85 – 92.49
A-	3.7	80 – 84.99
B+	3.3	76 – 79.99
B	3.0	73 – 75.99
B-	2.7	70 – 72.99
C+	2.3	66 – 69.99
C	2.0	63 – 65.99
C-	1.7	60 – 62.99
D+	1.3	56 – 59.99
D	1.0	50 – 55.99
F	0.0	0 – 49.99

Course Expectations

Students are expected to:

- Attend, prepare for, and participate in discussion groups.
- Complete daily readings by the time of the appropriate class meeting each week.
- Hand in assignments on time; late assignments will be docked a half letter grade (i.e. B+ to B) per day.
- Plan their own off-campus trips to suit their schedules. This course will require the attendance of events and the exploration of buildings off campus outside of scheduled class time.
- Try first to resolve issues with their discussion group TA before bringing them to the attention of the professors.

Resolving Issues

To notify the instructors of an issue impacting your ability to complete coursework on time, or to request an extension, please send an e-mail to your discussion group TA. Submission of a form does not guarantee an extension. Instructors and TAs commit to responding to e-mail within two business days; please plan accordingly. Include the following information in your e-mail:

- Your full name & student number.
- A brief explanation of the issue.
- Your proposed solution to the issue (i.e. if requesting an extension, suggest a suitable replacement deadline).

Academic Honesty

Plagiarism will result in an automatic F. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Most commonly plagiarism exists when:(a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test),(b) parts of the work are taken from another source without reference to the original author,(c) the whole work (e.g., an essay) is copied from another source, and/or,(d) a student submits or presents work in one course which has also been submitted in another course(although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved. While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted. Plagiarism is an extremely serious academic offence. It is recognized that clause (d) does not prevent a graduate student incorporating work previously done by him or her in a thesis. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar. If you are unsure what plagiarism is, see the description in the University Calendar: www.ucalgary.ca/pubs/calendar/current/k.html

Course Schedule

Assignments

	Course Schedule	Assignments
WEEK 1	Sep 8 Course Introduction	
	Sep 10 What is Architecture? <i>READING ABC of Architecture: xi-xii, 1-6, 7-16</i>	
	Sep 12 Discussion Groups	
WEEK 2	Sep 15 What is Design?	
	Sep 17 A Brief History of Architecture <i>READING ABC of Architecture: 17-29+, read on!</i>	
	Sep 19 Discussion Groups <i>ASSIGNMENT A1 DUE RESPONSE PAPER 1</i>	A1 Response Paper 1 - 10%
WEEK 3	Sep 22 - Elements of Architecture <i>READING ABC of Architecture: 31-63</i>	
	Sep 24 - Representing Architecture in Drawings	
	Sep 26 - Discussion Groups	
WEEK 4	Sep 29 - Contexts of Architecture <i>READING ABC of Architecture: 65-87</i>	
	Oct 1 - How to Look at Architecture <i>READING ABC of Architecture: 89-107</i> <i>Understanding Architecture: "Periodisation" 189-192</i>	
	Oct 3 - Discussion Groups <i>ASSIGNMENT A2 DUE MEASURED DRAWING</i>	A2 Measured Drawing - 10%
WEEK 5	Oct 6 - International Perspectives	
	Oct 8 - Calgary Perspectives 1 <i>READING Understanding Architecture: 193-213</i>	
	Oct 10 - Discussion Groups <i>READING Understanding Architecture: 142-166</i> <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>	A3 START: Building Analysis Presentations - 20%
WEEK 6	Oct 13 - NO CLASS (Thanksgiving)	
	Oct 15 - Personal Perspectives 1 – Guest Lecture <i>READING Rhys Phillips, "Prairie Villa: House on a Hill, Calgary, Alberta"</i> <i>Canadian Architect (oct. 2001), 16-18</i> <i>Leslie Jen, "Rooms with a View [Beale-Sturgess House, Calgary]"</i> <i>Canadian Architect (Aug. 2004), 28-30</i> <i>David A. Down, "Watershed: The Water Centre, Manchester Yards, Calgary, Alberta,"</i> <i>Canadian Architect (Jan. 2008), 15-19</i>	
	Oct 17 - Discussion Groups <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i> <i>ASSIGNMENT A4 DUE RESPONSE PAPER 2</i>	A4 Response Paper 2 - 10%

Course Schedule (cont.)

Assignments (cont.)

WEEK 7

Oct 20 - Canadian Perspectives in Architecture
*READING | Lisa Chodikoff, "On the road with Rochon [interview]."
Canadian architect (March 2006): 40-42.*

Oct 22 - Architecture and the Digital Platform
*READING | Branko Kolarevic, Architecture in the Digital Age: Design and Manufacturing
(Spon Press; Taylor & Francis, 2003), 1-12.
Three more chapters are made available for optional reading.*

Oct 24 - Discussion Groups
ASSIGNMENT A3 | BUILDING ANALYSIS PRESENTATIONS

WEEK 8

Oct 27 - Building Technology
READING | Understanding Architecture: 110-141

Oct 29 - Personal Perspectives 2 – Guest Lecture
*READING | Firm Website****

Oct 31 - DG: Presentation of Calgary Building
ASSIGNMENT A3 | BUILDING ANALYSIS PRESENTATIONS

WEEK 9

Nov 3 - How is Arch Represented?
READING | Understanding Architecture: 82-109

Nov 5 - Calgary Perspectives 2
*READING | Centre City Plan, City of Calgary Land Use Planning and Policy, 2007
9-12, 19-24, 104-110, 140-142.*

Nov 7 - Discussion Groups
ASSIGNMENT A5 DUE | ANNOTATED GRAPHIC ANALYSIS OF A HOME SPACE

WEEK 10

Nov 10 - No Class (Remembrance Day)

Nov 12 - What is the Design Process?
READING | Understanding Architecture: 9-32

Nov 14 - Discussion Groups

WEEK 11

Nov 17 - How do Architects Design Houses?
*READING | Understanding Architecture: 55-81
Housebrand Projects Website*

Nov 19 - How do Architects Design Things?
READING | TBD

Nov 21 - Discussion Groups
ASSIGNMENT A6 | DESIGN WORKSHOP

Vertical dotted line with a downward arrow pointing to assignment A3.

A3 END: Building Analysis Presentations - 20%

A5 Annotated Graphic Analysis of a Home Space - 20%

Course Schedule (cont.)

Assignments (cont.)

WEEK 12

Nov 24 - Contemporary Issues - Sustainability

READING | TBA

Nov 26 - Education and the Architectural Profession

READING | The following pages from the website of the Royal Architectural Institute of Canada

[What is Architecture](#)

[Becoming an Architect](#)

[What is Practice](#)

[What is an Architect](#)

Nov 28 - Discussion Groups

ASSIGNMENT A6 DUE | APPLICATION OF DESIGN IDEAS TO THE HOME SPACE

A6 Application of Design Ideas to the Home Space - 20%

WEEK 13

Dec 1 - Architecture in Film

READING | TBA

Dec 3 - Architects in Pop Culture

READING | *Understanding Architecture*: 213-219

Dec 5 - Discussion Groups

ASSIGNMENT A6 | REVIEWS OF DESIGN ASSIGNMENT

Other Notes

1. Written work, term assignments and other course related work may only be submitted by e-mail if prior permission to do so has been obtained from the course instructor. Submissions must come from an official University of Calgary (ucalgary) email account.
2. It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. (<http://www.ucalgary.ca/drc/node/46>) Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.
3. Information regarding the Freedom of Information and Protection of Privacy Act (<http://www.ucalgary.ca/secretariat/privacy>) and how this impacts the receipt and delivery of course material.
4. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
5. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
6. Contact Info for: Student Union (<http://www.su.ucalgary.ca/page/affordability-accessibility/contact>); Graduate Student representative (<http://www.ucalgary.ca/gsa/>) and Student Ombudsman's Office (<http://www.su.ucalgary.ca/page/quality-education/academic-services/student-rights>).