

Introduction to Architecture and Design

Instructors

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Days, Times, and Locations

LECTURES (MON & WED)
12:00 – 12:50pm
Room MFH 164

TUTORIALS (FRI)
T1 11:00 - 11:50am Room PF2110
T2 11:00 - 11:50am Room EEEL151

T3 12:00 - 12:50am Room PF2110
T4 12:00 - 12:50am Room SA243
T5 12:00 - 12:50am Room PF3177

Textbooks

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

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

Understanding Architecture, 2nd Ed.
Hazel Conway and Rowan Roenisch
(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 talk about the papers in class before they are due.

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	Description
A+	4.0	95-100	Outstanding – evaluated by instructor
A	4.0	90-94.99	Excellent – superior performance showing comprehensive understanding of the subject matter
A-	3.7	85-89.99	
B+	3.3	80-84.99	
B	3.0	75-79.99	Good – clearly above average performance with knowledge of subject matter generally complete.
B-	2.7	70-74.99	
C+	2.3	65-69.99	
C	2.0	60-64.99	Satisfactory – basic understanding of the subject matter.
C-	1.7	55-59.99	Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation. (See individual undergraduate faculty regulations.)
D+	1.3	50-54.99	
D	1.0	45-49.99	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
F	0.0	0-44.99	Fail – unsatisfactory performance or failure to meet course requirements.

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 week 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 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.

Course Schedule ***note: schedule and guests are subject to change***

Assignments

Week	Class Dates	Class Topics	Assignments
WEEK 1	Sep 7	NO CLASS (Labour Day)	
	Sep 9	Course Outline	A1 Assignment Issued
	Sep 11	Discussion Groups	
WEEK 2	Sep 14	What is Architecture? <i>READING ABC of Architecture: xi-xii, 1-6, 7-16</i>	
	Sep 16	What is Design?	
	Sep 18	Discussion Groups <i>ASSIGNMENT A1 DUE RESPONSE PAPER 1</i>	A1 Response Paper 1 Due - 10%
WEEK 3	Sep 21	A Brief History of Architecture 1 – Plan <i>READING ABC of Architecture: 17-29+, read on!</i>	A2 A3 Assignments Issued
	Sep 23	Representing Architecture in Drawings	
	Sep 25	Discussion Groups – Drawing Tips	
WEEK 4	Sep 28	A Brief History of Architecture – Section <i>READING ABC of Architecture: 31-63</i>	
	Sep 30	Contexts of Architecture <i>READING ABC of Architecture: 65-87</i>	
	Oct 2	Discussion Groups <i>ASSIGNMENT A2 DUE MEASURED DRAWING</i>	A2 Measured Drawing Due - 10%
WEEK 5	Oct 5	Architecture as Context <i>READING ABC of Architecture: 89-107</i> <i>Understanding Architecture: "Periodisation" 189-192</i>	A4 Assignment Issued
	Oct 7	Calgary Perspectives 1 – Guest: Francisco Uribe, Urban Lab <i>READING Understanding Architecture: 193-213</i>	
	Oct 9	Discussion Groups – Presentations <i>READING Understanding Architecture: 142-166</i> <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>	A3 START: Building Analysis Presentations Due - 20%
WEEK 6	Oct 12	NO CLASS (Thanksgiving)	
	Oct 14	International Perspectives	
	Oct 16	Discussion Groups – Presentations <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i> <i>ASSIGNMENT A4 DUE RESPONSE PAPER 2</i>	A4 Response Paper 2 Due - 10%

Course Schedule (cont.)

Assignments (cont.)

WEEK 7	Oct 19 - Personal Perspectives 1 – Guest: RAD Architecture <i>READING TBA</i>
	Oct 21 - Building Technology – Guest: Chris Roberts <i>READING Understanding Architecture: 110-141 Canadian Architect: Ralph Klein Park</i>
	Oct 23 - Discussion Groups – Presentations <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>
WEEK 8	Oct 26 - Canadian Perspectives – Guest: Marc Boutin, MBAC <i>READING Lisa Chodikoff, “On the road with Rochon [interview].” Canadian architect (March 2006): 40-42.</i>
	Oct 28 - Digital Perspectives – Guest: Branko Kolarevic, U of C <i>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.</i>
	Oct 30 - Discussion Groups – Presentations <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>
WEEK 9	Nov 2 - Personal Perspectives 2 – Guest: Judy MacDougall, MKB <i>READING TBA</i>
	Nov 4 - How is Architecture Represented? <i>READING Understanding Architecture: 82-109</i>
	Nov 6 - Discussion Groups – New Furniture <i>ASSIGNMENT A5 DUE ANNOTATED GRAPHIC ANALYSIS OF A HOME SPACE</i>
WEEK 10	Nov 9 - Calgary Perspectives 2 – Guest: David Down, City of Calgary <i>READING Centre City Plan, City of Calgary Land Use Planning and Policy, 2007 9-12, 19-24, 104-110, 140-142.</i>
	Nov 11 - NO CLASS (Remembrance Day)
	Nov 13 - NO CLASS (Reading Days)
WEEK 11	Nov 16 - Design Process <i>READING Understanding Architecture: 9-32</i>
	Nov 18 - Home Design – Guest: John Brown, housebrand <i>READING Understanding Architecture: 55-81 Housebrand Projects Website</i>
	Nov 20 - Discussion Groups – Preparation for A6 <i>ASSIGNMENT A6 DESIGN WORKSHOP</i>

A5 Assignment Issued
A3 END: Building Analysis Presentations - 20%
A5 Annotated Graphic Analysis of a Home Space Due - 20%
A6 Assignment Issued

Course Schedule (cont.)

Assignments (cont.)

WEEK 12

Nov 23 - Design Process – Guest: Marc Boutin
READING | TBA

Nov 25 - Contemporary Issues: Sustainability

Nov 27 - Discussion Groups – A6 Due
ASSIGNMENT A6 DUE | APPLICATION OF DESIGN IDEAS TO THE HOME SPACE

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

WEEK 13

Nov 30 - Education & the Architectural Profession – Guest: David Monteyne
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*

Dec 2 - Architecture in Film
READING | TBA

Dec 4 - Discussion Groups – In-Class Pinup & Review of A6
ASSIGNMENT A6 | REVIEWS OF DESIGN ASSIGNMENT

WEEK 14

Dec 7 - Architecture in Pop Culture
READING | Understanding Architecture: 213-219

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. Academic Accommodations. Students who require 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 or the designated contact person in EVDS, Jennifer Taillefer (jtaillef@ucalgary.ca). Students who require an accommodation unrelated to their coursework or the requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to the Vice-Provost (Student Experience). For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/
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>).