

Introduction to Architecture and Design

Instructors

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Teaching Assistants (TBA)

TA 1
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Days, Times, and Locations

LECTURES (MON & WED)
12:00 – 12:50pm
Room ICT 122

TUTORIALS (FRI)
T1 11:00 - 11:50am Room PF2110
T2 11:00 - 11:50am Room PF3176

T3 12:00 - 12:50am Room PF2110
T4 12:00 - 12:50am Room PF3176
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	Date	Topic	Assignment
WEEK 1	Sep 12	Course Outline	A1 Assignment Issued
	Sep 14	What is Architecture? <i>READING ABC of Architecture: xi-xii, 1-6, 7-16</i>	
	Sep 16	Discussion Groups	
WEEK 2	Sep 19	What is Design?	A1 Response Paper 1 Due - 10%
	Sep 21	Contexts of Architecture <i>READING ABC of Architecture: 65-87</i>	
	Sep 23	Discussion Groups <i>ASSIGNMENT A1 DUE RESPONSE PAPER 1</i>	
WEEK 3	Sep 26	Representing Architecture in Drawings	A2 A3 Assignments Issued
	Sep 28	A Brief History of Architecture – Plan <i>READING ABC of Architecture: 17-29</i>	
	Sep 30	Discussion Groups – Drawing Tips	
WEEK 4	Oct 3	A Brief History of Architecture – Section <i>READING ABC of Architecture: 31-63+, read on!</i>	A4 Assignment Issued
	Oct 5	Architecture as Context <i>READING ABC of Architecture: 89-107</i> <i>Understanding Architecture: "Periodisation" 189-19</i>	
	Oct 7	Discussion Groups <i>ASSIGNMENT A2 DUE MEASURED DRAWING</i>	
WEEK 5	Oct 10	NO CLASS (Thanksgiving)	A2 Measured Drawing Due - 10%
	Oct 12	Calgary Perspectives 1 – Guest: Francisco Uribe, Urban Lab <i>READING Understanding Architecture: 193-213</i>	
	Oct 14	Discussion Groups – Presentations <i>READING Understanding Architecture: 142-166</i> <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>	
WEEK 6	Oct 17	International Perspectives	A3 START: Building Analysis Presentations Due - 20%
	Oct 19	Personal Perspectives 1 – Guest: RAD Architecture <i>READING TBA</i>	
	Oct 21	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	Course Schedule (cont.)	Assignments (cont.)
WEEK 7	Oct 24 - Building Technology – Guest: Chris Roberts <i>READING Understanding Architecture: 110-141</i> <i>Canadian Architect: Ralph Klein Park</i>	A5 Assignment Issued
	Oct 26 - Canadian Perspectives – Guest: Marc Boutin, MBAC <i>READING Lisa Chodikoff, “On the road with Rochon [interview].”</i> <i>Canadian architect (March 2006): 40-42.</i>	
	Oct 28 - Discussion Groups – Presentations <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>	
WEEK 8	Oct 31 - Digital Perspectives – Guest: Branko Kolarevic, U of C <i>READING Branko Kolarevic, Architecture in the Digital Age: Design and Manufacturing</i> <i>(Spon Press; Taylor & Francis, 2003), 1-12.</i> <i>Three more chapters are made available for optional reading.</i>	A3 END: Building Analysis Presentations - 20%
	Nov 2 - Personal Perspectives 2 – Guest: Judy MacDougall, MKB <i>READING TBA</i>	
	Nov 4 - Discussion Groups – Presentations <i>ASSIGNMENT A3 BUILDING ANALYSIS PRESENTATIONS</i>	
WEEK 9	Nov 7 - How is Architecture Represented? <i>READING Understanding Architecture: 82-109</i>	A5 Annotated Graphic Analysis of a Home Space Due - 20%
	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</i> <i>9-12, 19-24, 104-110, 140-142.</i>	
	Nov 11 - NO CLASS (Remembrance Day)	
WEEK 10	Nov 14 - Design Process <i>READING Understanding Architecture: 9-32</i> <i>ASSIGNMENT A5 DUE ANNOTATED GRAPHIC ANALYSIS OF A HOME SPACE</i>	A6 Assignment Issued
	Nov 16 - Home Design – Guest: John Brown, housebrand <i>READING Understanding Architecture: 55-81</i> <i>Housebrand Projects Website</i>	
	Nov 18 - Discussion Groups – New Furniture	
WEEK 11	Nov 21 - Design Process – Guest: Marc Boutin <i>READING TBA</i>	
	Nov 23 - Contemporary Issues: Sustainability	
	Nov 25 - Discussion Groups – Preparation for A6 <i>ASSIGNMENT A6 DESIGN WORKSHOP</i>	

Course Schedule (cont.)

Assignments (cont.)

WEEK 12

Nov 28 - 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

Nov 30 - Architecture in Film

READING | TBA

Dec 2 - 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

Dec 5 - Architecture in Pop Culture

READING | *Understanding Architecture: 213-219*

Dec 7 - Design and Health

Dec 9 - Discussion Groups – In-Class Pinup & Review of A6

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. 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>).