

Environmental DESIGN

architecture + landscape architecture + planning

University of Calgary / Faculty of Environmental Design

INTRODUCTION TO ARCHITECTURE AND DESIGN

ARST 201 H(2-1T)

Lectures Mon/Wed

12:00 – 12:50

ICT 122

Tutorials Fri

T1 11:00 – 11:50 PF4140

T2 11:00 - 11:50 PF3160

T3 12:00 – 12:50 PF4140

T4 12:00 – 12:50 PF3160

T5 12:00 – 12:50 PF2140

Instructor:

Barry Wylant

bwylant@ucalgary.ca

PF2104

Office Hours: by appointment

Fall 2018

Teaching Assistants (TBA)

TA1

TA2

TA3

email@ucalgary.ca

email@ucalgary.ca

email@ucalgary.ca

Course Introduction

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 contexts influencing the design of buildings and other objects in our human-made environments.

Course Objectives and Learning Outcomes

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.

Textbooks:

ABC of Architecture

James F. O’Gorman

(University of Pennsylvania Press 2002)

Understanding Architecture, 2nd Ed.

Hazel Conway and Rowan Roenisch

(Routledge, 2005)

Available online, U of C Library

Teaching Approach

The course is lecture-based, delivered by the course instructor and guest lecturers. There is also tutorial time each week to facilitate class discussion, provide insights/techniques in the preparation of student deliverables (papers, presentations, and drawings as noted below), to provide a forum to submit and receive feedback on student deliverables.

Course Assignments

There are six assignments in total for the term, outlined as follows. Note that there are no midterm or final exams.

A0	10%	Participation (attendance, discussion, in-class exercises, and group work)		
A1	10%	Response Paper One	Issued Sep 10	Due Sep 21
A2	10%	Measured Drawing Exercise	Issued Sep 24	Due Oct 05
A3	20%	Building Analysis Presentation	Issued Sep 24	Due Oct 12 – Nov 09
A4	10%	Response Paper Two	Issued Oct 01	Due Oct 19
A5	20%	Annotated Graphic Home Analysis	Issued Oct 22	Due Nov 09
A6	20%	Home Space Design Exercise	Issued Nov 05	Due Nov 30

Course Content and Schedule*

*Please note that the schedule is subject to change due to guest lecturer availability.

Week 1	Sep 10 Sep 12 Sep 14	Course Outline What is Architecture? (Reading: <i>ABC of Architecture</i> : p xi-xii, 1-6, 7-16) Tutorial Discussion Groups	A1 Issued
Week 2	Sep 17 Sep 19 Sep 21	What is Design? Contexts of Architecture (Reading: <i>ABC of Architecture</i> : p 65-87) Tutorial Discussion Groups	A1 Due
Week 3	Sep 24 Sep 26 Sep 28	Representing Architecture in Drawings A Brief History of Architecture - Plan (Reading: <i>ABC of Architecture</i> : p 17 - 29) Tutorial Discussion Groups – Drawing Tips	A2, A3 Issued
Week 4	Oct 01 Oct 03 Oct 05	A Brief History of Architecture – Section (Reading: <i>ABC of Architecture</i> : p 31 – 63+, read on!) Architecture as Context (Reading: <i>ABC of Architecture</i> : p 65-87 <i>Understanding Architecture</i> : “Periodisation” p 189-190) Tutorial Discussion Groups – Measured Drawing Due	A4 Issued A2 Due
Week 5	Oct 08 Oct 10 Oct 12	NO CLASS (Thanksgiving Day) Calgary Perspectives – Guest: Francico Uribe, Urban Lab (Reading: <i>Understanding Architecture</i> : p 193-213, 142 - 166) Tutorial Discussion Groups – A3 Presentations Start	A3 Start
Week 6	Oct 15 Oct 17 Oct 19	International Perspectives – Guest Phil Vandermey Personal Perspectives – Guest: Frank Architecture Tutorial Discussion Groups – A3 Presentations/ A4 Due	A4 Due
Week 7	Oct 22 Oct 24 Oct 26	Building Technology – Guest: Chris Roberts Canadian Perspectives – Guest: Marc Boutin, MBAC Tutorial Discussion Groups – A3 Presentations	A5 Issued
Week 8	Oct 29 Oct 31 Nov 02	Digital Perspectives – Guest: Branko Kolarevic, EVDS Personal Perspectives 2 – Guest: Judy MacDougall, MKB Tutorial Discussion Groups – A3 Presentations End	A3 Ends
Week 9	Nov 05 Nov 07 Nov 09	How is Architecture Represented – Guest: TBA (Reading: <i>Understanding Architecture</i> : p 82 -109) Calgary Perspectives 2 – Guest: David Down, City of Calgary (Reading: <i>Centre City Plan, City of Calgary Land Use Planning and Policy</i> , 2007, p 9-12, 19-24, 104-110, 140-142) Tutorial Discussion Groups – Annotated Graphic Due	A6 Issued A5 Due

Week 10	Nov 12 Nov 14 Nov 16	NO CLASS READING DAYS NO CLASS READING DAYS NO CLASS READING DAYS	
Week 11	Nov 19 Nov 21 Nov 23	Design Process (Reading: <i>Understanding Architecture</i> : p 9 - 32) Home Design – Guest: John Brown, housebrand (Reading: <i>Understanding Architecture</i> : p 55 - 81) Tutorial Discussion Groups – Preparation for A6	
Week 12	Nov 26 Nov 28 Nov 30	Design Process – Guest: Marc Boutin, MBAC Design Thinking Tutorial Discussion Groups – A6 Due	A6 Due
Week 13	Dec 03 Dec 05 Dec 07	Design and Sustainability Architecture in Film – Guest: Matt Knapik Tutorial Discussion Groups – In Class Review A6	

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. As noted above, 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 group discussion, and other exercises, specifically in the tutorial discussion groups, all of which are 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. The following points are considered in the evaluation of assignment deliverables:

- The final course grade is calculated from the aggregate total of all assignments, using the weighting of each assignment as noted above;
- All assignments are to be submitted as hardcopy, this is particularly important for the drawing and graphics assignments;
- Written assignments are to be submitted in printed hardcopy and as a PDF file uploaded to the appropriate dropbox on the course D2L site;
- Assignments are to be submitted on the specified due date, at the beginning of the student's specific Friday tutorial session; late assignments will be docked half a letter grade (e.g. B+ to B) **per day** late;
- For each assignment, a grading rubric will be included in the handout identifying the various factors that will be evaluated. For the written submissions, writing quality will be one of the factors addressed in the grading rubric;
- Students are expected to attend, prepare for, and participate in the tutorial discussion groups; note that 10% of the final grade is allocated to this in-class participation;
- Students are expected to complete course readings as per the schedule above to enable participation in class discussions and tutorial group discussions;
- It is expected that students will attend events outside of class (e.g. Design Matters lectures) and are to plan and arrange their own trips for such events;
- Lastly, students are expected to resolve issues with their TA first, prior to bringing it to the attention of the course instructor.

Resolving Issues

To notify the instructor of an issue impacting your ability to complete an assignment or to request an extension, students are asked to first send an email to your tutorial discussion group TA. Submission of a form does not guarantee an extension. Instructors and TAs commit to responding to emails within 2 business days; please plan accordingly, extensions will not be offered after the specified due date. Also, include the following information in your email:

- Your full name and student number;
- A brief explanation of the issue;
- Your proposed solution to the issue (i.e. suggesting a suitable replacement due date).

Grade Scale

Final grades shall be reported as letter grades, correlating to the grade point value as per column 2 below. Final grades shall be calculated according to the 4-point range as noted in column 3.

Assignments calculated by percentage grades will use the equivalent values shown in column 4.

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	
B+	3.30	3.15-3.49	80-84.99	
B	3.00	2.85-3.14	75-79.99	Good – clearly above average performance with knowledge of the subject matter generally complete.
B-	2.70	2.50-2.84	70-74.99	
C+	2.30	2.15-2.49	65-69.99	
C	2.00	1.85-2.14	60-64.99	Satisfactory – basic understanding of the subject matter.
C-	1.70	1.50-1.84	55-59.99	Receipt of grade point average of 1.70 may not be sufficient for promotion or graduation (see individual faculty regulations).
D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	Minimal pass – marginal performance; generally insufficient preparation for subsequent courses in the same subject.
F	0.00	0-0.49	0-44.99	Fail – unsatisfactory performance or failure to meet course requirements.

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. Plagiarism - 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.
4. Appeals: If a student has a concern about the course, academic matter, or a grade that they have been assigned, they must first communicate this concern with the instructor. If the concern cannot be resolved with the instructor, the student can then proceed with an academic appeal, which normally begins with the Faculty: <http://www.ucalgary.ca/provost/students/ombuds/appeals>
5. Information regarding the Freedom of Information and Protection of Privacy Act (<https://www.ucalgary.ca/legalservices/foip>)
6. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
7. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
8. Contact Info for: Student Union (<https://www.su.ucalgary.ca/contact/>); Graduate Student representative <https://gsa.ucalgary.ca/about-the-gsa/gsa-executive-board/>; Student Union Wellness Centre: <https://www.ucalgary.ca/wellnesscentre/>; Library Resources: <http://library.ucalgary.ca/> and Student Ombudsman's Office (<http://www.ucalgary.ca/ombuds/>).