

Dalhousie University
School of Architecture

ARCH 3301

B1 Professional Practice

Fall 2024

<https://dal.brightspace.com/d2l/home/338302>

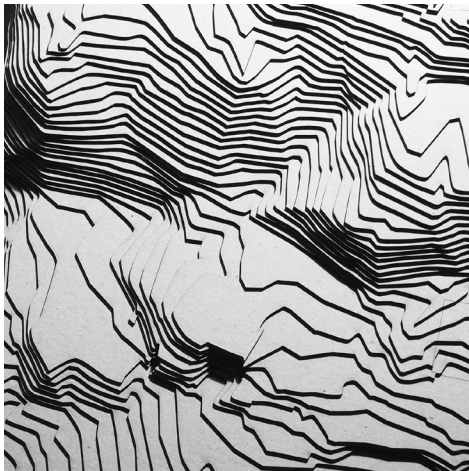
Instructor: Susan Fitzgerald

susan.fitzgerald@dal.ca

September 30, 2024

Dalhousie University is located in Mi'kma'ki,
the ancestral and unceded territory of the Mi'kmaq.

We are all Treaty people.



FBM, topographical model

Format: Lecture/Tutorial
Credit-hours: 1
Restriction: BEDS students
Office: 1126 in the Medjuck Building
Meeting Times and Rooms: Tuesday 11:00 - 12:30 am, B015
Hours expected per week: 3 hours

Calendar Description

This class introduces the role and place of the architect in society, with an emphasis on the development of the profession through history. It also studies representation methods employed by architects and their implications for design.

Additional Description

Professional practice encompasses all aspects of the work of the architect. It is a holistic endeavor that brings together design, technology, and representation with ethics, law and project delivery. The practice of architecture utilizes the collective knowledge and skill of many people including communities, engineers, builders, clients, and government officials and their documents. Understanding and integrating this expertise is essential for the creation of built work.

Learning Objectives

During this course students will:

- understand the development of the profession through history
- become aware of the tools used for designing and practicing architecture
- understand the relationship between the architect and other professions in designing and building architecture
- understand that there are different models of practices, with different strategies and methods for creating work and that the model of practice influences the architecture
- become aware of the role of advocacy in relation to environmental, social, and cultural questions in architecture
- start to understand ethics and the formation of professional judgment



Maya Lin, architect

Schedule

Tuesdays from 11:00 am to 12:30 am

October 15: The Architect
October 22: Case Studies of Practice I
October 29: Case Studies of Practice II
November 5: The Making of Architecture
November 19: Tutorial session on Manifesto
November 26: Tutorial session on Manifesto
December 3: **Presentation of Manifesto in Exhibition Room**

Students building Shiles House, Rural Studio



Thomas Heatherwick Studio, King's Cross



Course Structure

The course consists of four sessions during the fall term, with lectures on specific areas of study, tutorials, and two written and graphic assignments.

Lectures

Lecture 1: The Architect

This lecture introduces the class and discusses the role of the architect in society throughout history.

Lecture 2 and 3: Case Studies of Practice

Just as we look at the case studies in the design studio, this class will discuss case studies of current practices. Different models of practice will be explored. We will examine approaches to practice and how it influences the work.

Lecture 4: The Making of Architecture

Most architecture is built from almost universally accepted documents and tools. It also involves many allied professions and government officials and documents that influence the work. What documents and procedures are needed to create a building? As these documents and procedures evolve does the work change or does the model of practice vary?

Assignments

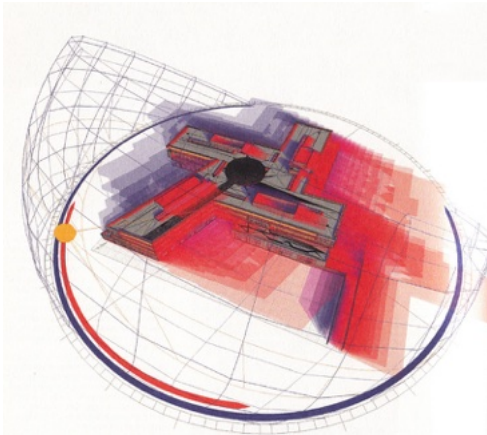
Manifesto Part A (70% of grade)

Many of the [architects] of this century have held passionate convictions regarding the philosophic and social basis of their art. Nearly every important development in the modern architectural movement began with the proclamation of these convictions in the form of a program or manifesto. (Conrads)

You will design a manifesto poster consisting of graphics and text proclaiming your architectural position as it relates to one or more of the following:

- the role of the architect in relation to environmental, social, or cultural questions
- ethics and the formation of professional judgment
- the role of architecture in addressing equity, diversity, and inclusion

There should be 500 words of text. This may be part of the poster or on a separate page that you submit with your poster with all the references you use. The Manifesto encourages one to formulate a position in relation to the profession of architecture with the hope that it will provide the groundwork for on-going discussion and future development. Understanding your aspirations for how you want to practice architecture and the type of work you wish to pursue will also help you to decide on future work term placements.



Schmidt Hammer Lassen, BIM energy modelling

Li Xiaodong Atelier



Location of work undertaken by Architecture for Humanity



Bruce Mau, Incomplete Manifesto for Growth

The Manifesto will be printed (suggested size approximately 24" x 36") and presented by each student in the Exhibition Room. Each student will have 1 minute for this school wide presentation.

Manifesto Part B (20% of grade)

Now that you have developed your manifesto and you are in the process of completing your final design project you will reflect on whether the design work is compatible with the manifesto. Within 500 words, outline how you have or have not achieved the ambition of the manifesto and why. Each student will submit a pdf version of their assignment for grading purposes on Brightspace.

Weekly attendance and participation in final presentation. (10% of grade)

Submission

- Manifestoes to be presented in person in the exhibition room, December 3, 2024
- Manifesto Part A and Part B submitted digitally in pdf format on Brightspace as separate files on December 3, 2024 by 5 pm
- Submit references with Part A and Part B
- Title your file: surname_firstname.pdf for easy identification
- Record in your process portfolio

Evaluation (see rubric for more details)

Evaluation of the work will be by the instructor. It will be based on:

- the clarity of the writing in communicating your position (40% in Manifesto A; 100% in Manifesto B)
- the clarity and skill of the graphic presentation supporting the position that you present in the Manifesto (40% in Manifesto A)
- the depth of the research supporting the work (20% in Manifesto A)

Wang Shu, wall detail



University standards for individual assignments:

A– to A+ (80–100%: excellent): Considerable evidence of original thinking; outstanding capacity to analyze and synthesize; outstanding grasp of subject matter; evidence of extensive knowledge base.

B– to B+ (70–79%: good): Evidence of grasp of subject matter, some evidence of critical capacity and analytical ability; reasonable understanding of relevant issues; evidence of familiarity with the literature.

C– to C+ (55–69%: satisfactory): Evidence of some understanding of the subject matter; ability to develop solutions to simple problems.

D (50–54%: marginal pass): Evidence of minimally acceptable familiarity with subject matter, critical and analytical skills.

F (0–49%: inadequate): Insufficient evidence of understanding of the subject matter; weakness in critical and analytical skills; limited or irrelevant use of the literature.



Francis Kéré, Gando Primary School

Equity, Diversity and Inclusion

The Faculty of Architecture and Planning is committed to recognizing and addressing racism, sexism, xenophobia and other forms of oppression within academia and the professions of architecture and planning. We, the faculty, are working to address issues of historic normalization of oppressive politics, segregation, and community disempowerment, which continues within our disciplines today.

Course Specific Policies

Late assignments will be deducted 3% per weekday.

	Due Date	Is a late assignment accepted?	If so, what is the deduction per weekday?	Final deadline for a late submission?	What happens after that?
Manifesto A	Dec. 3, 24	Yes	3%	Dec 6, 2024	Receives 0%
Manifesto B	Dec. 3, 24	Yes	3%	Dec 6, 2024	Receives 0%

All citations should follow the Chicago Manual of Style (author -date system). <https://www-chicagomanualofstyle-org.ezproxy.library.dal.ca/book/ed17/part3/ch15/toc.html>

Plagiarism detection software will not be used

SLEQ will be scheduled during Week 12

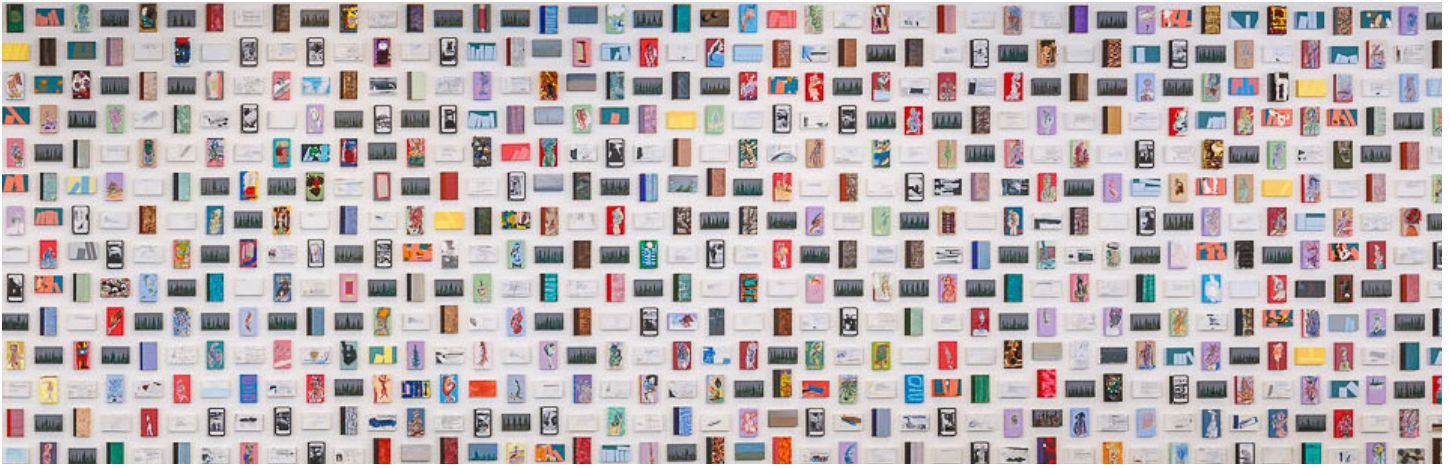
PDFs of lectures will be provided and students may record lectures

Students will receive feedback on Brightspace.

University Policies and Resources

This course is governed by the academic rules and regulations set forth in the University Calendar and the Senate. See the School of Architecture's "Academic Regulations" page (<http://tinyurl.com/dal-arch-regulations>) for a summary of university policies affecting academic courses:

- Academic integrity
- Accessibility
- Code of student conduct
- Culture of respect
- Equity, diversity, and inclusion
- Student declaration of absence
- Recognition of Mi'kmaq territory
- Work safety
- Services available to students, including writing support
- Fair dealing guidelines (copyright)
- Dalhousie University Library



Cliff Eyland in Halifax Central Library (FBM/SHL)

Academic Support

Students are strongly encouraged to seek the support of the Writing Centre if they are experiencing difficulties. The centre offers personalized support for written work through in-person and online appointment https://www.dal.ca/campus_life/academic-support/writing-and-study-skills.html

References

No specific textbook is required for the course.

References for those interested in additional information on lectures:

Lecture 1: Kostof, S.1977. *The Architect. Chapters in the History of the Profession*. Berkeley: University of California Press.

Lecture 4: Ardiel, Donald, ed. 2021. *Royal Architectural Institute of Canada, and National Practice Program. Canadian Handbook of Practice for Architects*. Ottawa: Royal Architecture Institute of Canada. <https://chop.raic.ca/>

Manifesto: Conrads, U, ed. 1997. *Programs and Manifestoes on 20th-Century Architecture*. Cambridge: MIT Press.

Some suggestions for helping you develop your manifesto:

Fitz, Angelika, Elke Krasny, Brian Dorsey, Timothy Savage, and Wien Architektur Zentrum. 2019. *Critical Care: Architecture and Urbanism for a Broken Planet*. Cambridge, Massachusetts: MIT Press.

Fisher, Thomas. 2010. *Ethics for Architects: 50 Dilemmas of Professional Practice*. New York: Princeton Architectural Press.

Klinenberg, Eric. 2018. *Palaces for the People: How Social Infrastructure can help Fight Inequality, Polarization, and the Decline of Civic Life*. New York: Crown.

Till, Jeremy. 2009. *Architecture Depends*. Cambridge: MIT Press.

Criteria	Excellent	Good	Satisfactory	Marginal Pass	Inadequate
Clarity of writing in communicating your position	Considerable evidence of original thinking. Outstanding capacity to communicate your position	Good evidence of original thinking. Good capacity to communicate your position	Evidence of some original thinking. Some capacity to communicate your position	Marginal evidence of original thinking. Marginal capacity to communicate your position	Inadequate evidence of original thinking. Insufficient capacity to communicate your position
Clarity and skill of the graphic presentation supporting the Manifesto	Considerable evidence of skill and craft of graphic presentation	Good evidence of skill and craft of graphic presentation	Satisfactory evidence of skill and craft of graphic presentation	Marginal evidence of skill and craft of graphic presentation	Inadequate evidence of skill and craft of graphic presentation
Depth of Research	Considerable evidence of research	Good evidence of research	Satisfactory evidence of research	Marginal evidence of research	Inadequate evidence of research

Rubric A

Criteria	Excellent	Good	Satisfactory	Marginal Pass	Inadequate
Clarity of writing in communicating your position	Considerable evidence of original thinking. Outstanding capacity to communicate your position	Good evidence of original thinking. Good capacity to communicate your position	Evidence of some original thinking. Some capacity to communicate your position	Marginal evidence of original thinking. Marginal capacity to communicate your position	Inadequate evidence of original thinking. Insufficient capacity to communicate your position

Rubric B