SYLLABUS

TERRITORIAL ACKNOWLEDGMENT

We acknowledge that the School of Architecture is located on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. The University is situated on the Haldimand Tract, the land promised to the Six Nations that includes 10 kilometres on each side of the Grand River.

INSTRUCTOR

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INTRODUCTION

ARCH 110 is a foundation course in graphic practice. Students will be introduced to techniques, conventions, and theories of graphic communication and visual representation including orthographic and paraline drawing, mixed media, and digital media. To compliment the lectures, lab sessions will allow students to build upon existing abilities, and develop a broad range of new skills.

Although course content focuses primarily on the technical skills required to communicate the space and substance of buildings and site, students should consider the act of drawing as an end in itself. Drawing is the primary means through which architecture is communicated and documented; however, drawing is also an act of seeing, thinking, and designing.

This course also serves as the conceptual and strategic foundation for more advanced digital representation.

COURSE GOALS AND LEARNING OUTCOMES

1. An understanding of the basic tools and media and a facility and care with their use;
2. a practical understanding of the techniques and conventions of architectural drawing types, and the ability to execute these standards with technical and conceptual precision and intent;
3. an exploration of possibilities for innovative extensions of these conventions;
4. an understanding of and care for drawing as a craft; and
5. conceptual, visual, and critical skills and awareness.

A8: Design Documentation

COURSE STRUCTURE

This course is broadly divided into four sections, each addressing a range of tools and techniques:
1. drawing fundamentals;
2. compositional theory and communication techniques;
3. thinking through drawing; and
4. experiential and narrative representation.

COURSE DELIVERY

9:30am-10:30am – lecture and detailed introduction to exercise
10:30am-12:00pm – tutorial
12:00pm-1:00pm – **lunch**
1:00pm-4:00pm – TA support / work time
4:00pm-5:30pm – group seminars

REMOTE COURSE DELIVERY PLATFORMS AND COMMUNICATION

Course delivery is in person; however, multiple platforms will be used to supplement in person delivery for communication purposes and to organize and share course content.

LEARN: Official communication, work submission, and grade recording and release.

MS Teams: Remote lectures, remote desk crits, scheduling, course documents.

Miro: Virtual pin up space for presenting and sharing work.

EVALUATION

Students must complete all exercises at an acceptable level and obtain a passing average to receive credit for this course. Specific criteria will be included with each exercise. Students will be advised as to how they may improve their content in a manner that is in line with their intent, but are responsible for all decisions. The term's exercises are coordinated with ARCH192 and while these may be integral to the design process, success will be evaluated relative to their merits in visual communication.

Exercises 1-10: 5 completion @ 2% & 4 graded @15% (75% total)
Weekly exercises to be completed on Friday.

Project: 25%
A project that requires the synthesis of many of the skills acquired over the term.

Participation: 5%
0.5/class for 10 classes (excl Oct 7, Nov 25). Attendance will be taken.

LATE WORK

Only in the case of a documented medical or personal reason will additional late work be accepted, and only if officially submitted to the Undergraduate Student Services Coordinator and accepted by the Undergraduate Office. Students seeking accommodations due to COVID-19, are to follow the accommodations outlined by the university here.

TEXTS & TOOLS

The following software applications are required for this course: Rhino, Adobe Photoshop, Illustrator, and InDesign. The required text for this course is Francis Ching's *Design Drawing*. Students are strongly encouraged to look at books, magazines, and relevant digital media as a way of developing architectural, and graphic literacy.

COURSE TIME ZONE

All dates and times communicated in the document are expressed in Eastern Time (local time in Waterloo Ontario, Canada). Eastern Standard Time (EST, UTC−05:00) applies November to March and Eastern Daylight Time (EDT, UTC−05:00) applies from March to November.

COVID-19 SPECIAL STATEMENT

Given the continuously evolving situation around COVID-19, students are to refer to the University of Waterloo's developing information resource page for up-to-date information on academic updates, health services, important dates, co-op, accommodation rules and other university level responses to COVID-19.

MENTAL HEALTH SUPPORT

We all need a support system. We encourage you to seek out mental health supports as needed. Please reach out to Campus Wellness and Counselling Services.

We understand that these circumstances can be troubling, and you may need to speak with someone for emotional support. Good2Talk is a post-secondary student helpline based in Ontario, Canada that is available to all students.

EQUITY, DIVERSITY, AND INCLUSION COMMITMENT

We are committed to foster and support equity, diversity, and inclusion. We recognize that discrimination does occur, sometimes through an isolated act, but also through practices and policies that must be changed. If you experience discrimination, micro-aggression, or other forms of racism, sexism, discrimination against LGBTQ2S+, or disability, there are different pathways to report them:

1. If you feel comfortable bringing this up directly with the faculty, staff or student who has said or done something offensive, we invite you, or a friend, to speak directly with this person. People make mistakes and dealing them directly in the present may be the most effective means of addressing the issue.

2. You can reach out to either the Undergraduate office, Graduate office, or Director. If you contact any of these people in confidence, they are bound to preserve your anonymity and follow up on your report.

3. You can choose to report centrally to the Equity Office. More information on the functions and services of the equity office can be found here.

4. Racial Advocacy for Inclusion, Solidarity and Equity (RAISE) is a student-led Waterloo Undergraduate Student Association (WUSA) service. The initiatives include but are not limited to formal means to report and confront racism, accessible and considerate peer-support, and organization of social events to cultivate both an uplifting and united community. You can report an incident using their online form.

UNIVERSITY POLICIES

Academic integrity: To maintain a culture of academic integrity, members of the University of Waterloo community are expected to promote honesty, trust, fairness, respect and responsibility. [Check the Office of Academic Integrity for more information.]

Grievance: A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read Policy 70, Student Petitions and Grievances, Section 4. When in doubt, please be certain to contact the department's administrative assistant who will provide further assistance.

Discipline: A student is expected to know what constitutes academic integrity to avoid committing an academic offence, and to take responsibility for his/her actions. [Check the Office of Academic Integrity for more information.] A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences or about "rules" for group work should seek guidance from the course instructor, academic advisor, or the undergraduate associate dean. For information on categories of offences and types of penalties, students should refer to Policy 71, Student Discipline. For typical penalties, check Guidelines for the Assessment of Penalties.

Appeals: A decision made or penalty imposed under Policy 70, Student Petitions and Grievances (other than a petition) or Policy 71, Student Discipline may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to Policy 72, Student Appeals.

Note for students with disabilities: AccessAbility Services collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with AccessAbility Services at the beginning of each academic term.

SCHEDULE

WEEK 1

Fri Sept 9	EX1.1 Assigned (Completion) – P1 Orthographic drafting
	Lecture – Drawing
	Tutorial – Drafting

WEEK 2

| **Fri Sept 16** | EX 1.2 Assigned (Graded) – P1 paraline drawing + whole set |
| | Tutorial – Paraline drawing, line weight |

WEEK 3

| **Fri Sept 23** | EX1.3 Assigned (Completion) – P1 Photography |
| | Tutorial – Photography |

WEEK 4

| **Fri Sept 30** | EX2.1 Assigned (Graded) – P2 architectural drawing |
| | Lecture – Architectural drawing |

WEEK 5

| **Fri Oct 07** | Tutorial – Rhino Basics *(TBD)* |

WEEK X

| **Fri Oct 14** | **STUDY WEEK** |

WEEK 6

| **Fri Oct 21** | EX3.1 Assigned (Completion) – P3 Diagrams |
| | Lecture – Diagrams |

WEEK 7

| **Fri Oct 28** | EX4.1 Assigned (Graded) – P4 – Mapping |
| | Site Visit |

WEEK 8

Fri Nov 04	EX4.2 Assigned (Graded) – P4 –In/Out/At
	Lecture – Atmosphere
	Tutorial – Photoshop *(TBD)*

WEEK 9

| **Fri Nov 11** | EX4.3 Assigned (Completion) – P4 EX4.1-4.3 and Ortho Redlines |
| | Tutorial – InDesign (*TBD*) |

WEEK 10

Mon Nov 14	P/EX4 INTERIM REVIEW
Fri Nov 18	EX4.4 Assigned (Term – Graded) – P4 Hybrid Drawing
	Lecture – Drawing effectiveness and drawing to tell a story

WEEK 11

Fri Nov 25	*Work session*

WEEK 12

Fri Dec 02	EX4.5 Assigned (Completion) – P4 Layout
	Lecture – Presentation techniques

WEEK 13

Mon Dec 05	Drawing check (ARCH192)
Mon Dec 05	**PROJECT 4 DRAWINGS DUE (11:00 PM ET)**
Fri Dec 9	PROJECT 4 FINAL REVIEW