

**INSTRUCTOR**

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**INTRODUCTION**

The aim of this course is to develop design drawing and rendering skills for design students, across disciplines. The ability to draw, and importantly, sketch, is a key communication and ideation skill for designers.

Exercises will be assigned in every class. Students are expected to participate fully in the classes and complete all exercises undertaken in the course. This is essential as earlier exercises inform and provide a basis for later ones. All exercises are intended to enhance the student's ability to generate and communicate design ideas in 2D.

**COURSE OBJECTIVES**

The course objectives will cover the following areas:

- To enhance visual design observation skills;
- To enhance 2D sketching and freehand drawing skills;
- To enhance drawing construction techniques;
- To introduce and enhance rendering techniques.

**TEACHING APPROACH**

During the course exercises will be assigned, demonstrations and lectures will be offered, and students will be expected to complete assigned exercises.

**COURSE CONTENT**

The course will cover the following topic areas:

- Drawing elements: eg. Line and line weight, shapes, forms, additive and subtractive forms, shading techniques, etc.
- Drawing systems: orthographic, isometric and perspective.
- Quick sketching techniques.
- Perspective construction, shading and rendering techniques in different media.

**CLASS SCHEDULE**

The course runs from 9am until 5pm, Thursday January 2nd, Friday Jan. 3rd, Saturday Jan 4th, Monday Jan. 6th, and Tuesday Jan. 7th. The course will be held in PF3160.

**MEANS OF EVALUATION**

A minimum level of design drawing competency must be demonstrated to pass the course. A number of exercises will be handed out daily. A portfolio of these are to be submitted at the end of class for evaluation.

**GRADING SCALE**

Final grades will be reported as letter grades, with the final grade calculated according to the 4-point range.

Grade	Grade Point Value	4-Point Range	Percent	Description
A+	4.00	4.00	92.5-100	Outstanding - evaluated by instructor
A	4.00	3.85-4.00	85-92.49	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	3.70	3.50-3.84	80-84.99	Very good performance
B+	3.30	3.15-3.49	76-79.99	Good performance
B	3.00	2.85-3.14	73-75.99	Satisfactory performance
B-	2.70	2.50-2.84	70-72.99	Minimum pass for students in the Faculty of Graduate Studies
C+	2.30	2.15-2.49	66-69.99	All final grades below B- are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.
C	2.00	1.85-2.14	63-65.99	
C-	1.70	1.50-1.84	60-62.99	
D+	1.30	1.15-1.49	56-59.99	
D	1.00	0.50-1.14	50-55.99	
F	0.00	0-0.49	0-49.99	

**SPECIAL BUDGETARY REQUIREMENTS****DRAWING MATERIALS REQUIRED:**

- 18 x 24" newsprint drawing pad
- drawing pencils: 2H, HB, 3B, 4B, 6B or higher
- White drawing eraser
- A roll of tracing paper is optional but handy
- Drawing straight edges (drafting triangle or set square, drawing template, plastic ruler, etc.)
- Circle and elliptical templates are also optional (and useful) but not required.
- A metric scale
- Drafting masking tape
- Matt knife and 18" cork-backed steel ruler
- Copic Markers Cool Grey 2, Cool Grey 8 and one light pastel colour marker of your colour choice.

**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. It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. (<http://www.ucalgary.ca/drc/node/46>) Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.
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. 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
5. Emergency Evacuation/Assembly Points (<http://www.ucalgary.ca/emergencyplan/assemblypoints>)
6. Safewalk information (<http://www.ucalgary.ca/security/safewalk>)
7. 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>).