



DESIGN DRAWING

EVDS 697.50 Q

Instructor: Barry Wylant

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PF2104

Office Hours: by appointment

Fall 2019

October 21-25 Block Course

Time: 9:00am – 4:50pm, Monday to Friday

Location: PF3160

Description of the Course

The aim of this course is to develop design drawing and rendering skills for design students. 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 over the five days of 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 and Learning Outcomes

The course will cover a number of drawing related topics allowing students to obtain instruction and experience in the following areas:

- To enhance visual design observation skills;
- To enhance 2D sketching and freehand drawing skills;
- To enhance drawing construction techniques for orthographic, axonometric, and perspective drawings;
- To introduce and enhance shading and rendering techniques in a variety of drawing media.

Learning Resources/Readings

The following books provide good design drawing references, but are *not* required for the course:

Ching, F.D.K., Juroszek, S.P.. *Design Drawing*. Hoboken, New Jersey: John Wiley & Sons, 2010.

Gill, R.W. *Perspective : from Basic to Creative*. London: Thames and Hudson, 2006.

Powell, D. *Design Rendering Techniques: A Guide to Drawing and Presenting Ideas*. London: Orbis Publishing, 1985.

Eissen, K., Steur, R. *Sketching: The Basics*. Amsterdam, the Netherlands, 2011.

Assessment Components / Course Assignments

The course requires that students complete a series of drawing exercises in class. Students will be assessed on a submitted portfolio of all of the completed drawings. The portfolio is assessed based on the quality of the drawings submitted.

A0	10%	Participation (block course attendance and participation)
A1	90%	Portfolio

Due Nov. 4

Attendance and Participation Expectations: Given the pace of drawing exercises that are presented and executed in class, attendance for all classes is expected for students so that they may keep up. As noted above, 10% of the course grade is assigned to class participation.

Guidelines for Submitting Assignments: The portfolio is to be submitted, in PDF format, to the course Dropbox in D2L, by 6pm, Nov. 4th, 2019.

There is no final examination for this course.

Late Assignments: Late submission of assignments will result in a half grade penalty, per business day late.

Criteria that must be met to pass: students must attend all classes and submit the portfolio of all drawings completed for the course.

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	Very good performance
B+	3.30	3.15-3.49	80-84.99	Good performance
B	3.00	2.85-3.14	75-79.99	Satisfactory performance
B-	2.70	2.50-2.84	70-74.99	Minimum pass for students in the Faculty of Graduate Studies.
C+*	2.30	2.15-2.49	65-69.99	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	60-64.99	
C-	1.70	1.50-1.84	55-59.99	
D+	1.30	1.15-1.49	50-54.99	
D	1.00	0.50-1.14	45-49.99	
F	0.00	0-0.49	0-44.99	

A student who receives a "C+" or lower in any one course will be required to withdraw regardless of their grade point average (GPA) unless the program recommends otherwise. If the program permits the student to retake a failed course, the second grade will replace the initial grade in the calculation of the GPA, and both grades will appear on the transcript.

CACB Student Performance Criteria

The following CACB Student Performance Criteria will be covered in this course: A2: Design Skills; A3 Design Tools; A8 Design Documentation; B1 Critical Thinking and Communication.

Topic Areas and Detailed Class Schedule

The following topics will be covered according to the schedule. Note that depending upon the time necessary to complete the exercises, this schedule is subject to change.

Monday	Oct 21	Line, line weight, shapes, 3D shapes, additive/subtractive geometries.
Tuesday	Oct 22	3D shapes, intro to drawing systems.
Wednesday	Oct 23	Orthographic projections, intro to perspective drawing.
Thursday	Oct 24	Light, value and shading, marker introduction.
Friday	Oct 25	Marker rendering and major drawing assignment.

Media and Recording in Learning Environments

Part 1

University Calendar: <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>

Recording of lectures (other than audio recordings that are pre-arranged as part of an authorized accommodation) is not permitted.

Students may not record any portion of a lecture, class discussion or course-related learning activity without the prior and explicit written permission of the course instructor or authorization from Student Accessibility Services. For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed. Any use other than that described above constitutes academic misconduct and may result in suspension or expulsion.

Part 2

The instructor may use media recordings to capture the delivery of a lecture.

The instructor will notify all students and guests in the class that the event is being recorded. If a student or guest wants to take steps to protect privacy, and does not want to be recorded, the instructor will provide the individual (s) with an alternative means of participating and asking questions (e.g., passing written notes with questions). Students cannot be penalized for choosing not to be recorded in situations where participation is part of the course. Students must be offered other ways of earning participation credit that do not involve recording.

Any video-recording would be intended to only capture the instructor and the front of the classroom. Students/other participants would not necessarily be visible on video recordings.

Special Budgetary Requirements: Drawing Materials

It is expected that students will need to purchase the following materials for the course:

- 18 x 24" newsprint drawing pad (please make sure it's large format newsprint, more expensive drawing and sketching pads are not required)
- 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
- Mat 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.

UNIVERSITY OF CALGARY POLICIES AND SUPPORTS

Academic Accommodation

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

Academic Misconduct

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, (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. Any suspicion of plagiarism will be reported to the Dean, and dealt with as per the regulations in the University of Calgary Graduate Calendar.

For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Freedom of Information and Protection of Privacy

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

University Student Appeals Office:

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 proceed with an academic appeal, which normally begins with the Faculty. <https://ucalgary.ca/student-appeals/>

More Student Support and Resources (e.g. safety and wellness)

These can be found here: <https://www.ucalgary.ca/registrar/registration/course-outlines>