

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

DSGN 2100: Furniture Design

Course Format:

[Course format may vary by instructor. The typical course format would be:]

Lecture 3 h + Seminar 1 h + Lab 0 h

Credits: 3

Transfer credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Well-designed furniture requires a thoughtful, thorough design approach grounded in function, along with understanding the human form and aesthetics. Through lectures, exercises and hands on projects students develop skills for furniture creation. Project outcomes synthesize concept, materials, fabrication, and form. Students utilize the furniture design process and hands on practice with tools and equipment to realize their own furniture concept.

Prerequisites: None but some experience fabricating (high school shop) or some experience drawing (CAD or hand) is useful

Corequisites: None

Learning Outcomes:

Upon successful completion of this course, students will be able to:

- follow the furniture design process
- explain how culture, technology, materials, and sustainability inform furniture design;
- safely operate various workshop tools, following safety procedures and protocol in the workshop;
- research examples of furniture and critically analyze the structure and function of the parts to inform the concept development of the design;
- apply skills in model building, small scale construction, and 3D design;
- design and fabricate a piece of furniture for their portfolio.

Instructor(s): TBA

Office: TBA **Phone:** 604 323 XXXX **Email:** TBA

Office Hours: TBA

snəwəyət leləm Langara College acknowledges that we are located on the unceded territory of the Musqueam people.

Textbook and Course Materials:

[Textbook selection may vary by instructor. An example of texts and course materials for this course might be:]

Courseware of at least 13 selected articles

Educational videos

Documentaries and relevant websites

Jim Postel. "Furniture design". John Wiley and Sons. NJ, USA. 2007. Chapters 1-9.

Note: This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.

Assessments and Weighting:

Final Exam %

Other Assessments %

(An example of other assessments might be:) %

Assignments: 40%

Project: 50%

Participation: 10%

Additional Information:

Number of assignments: 4

Participation format: Attendance and active participation in group discussions, preparation for assignments

Proportion of individual and group work:

Individual: 85%

Group: 15%

Grading System: Letter grade

Specific grading schemes will be detailed in each course section outline.

Passing grade: D

No final exam

This generic outline is for planning purposes only.

Topics Covered:

[Topics covered may vary by instructor. An example of topics covered might be:]

1. Theory, function, types of furniture, and history of furniture
2. Introduction to hand tools use and care, how to accurately measure
3. Basic drawing for products and furniture (rough sketching, orthographic principles, top, front, and side views); basic ways of dimensioning
4. Safe use of cutting tools such as saws, planers, jointers, and sanders
5. Behavior of basic structures when forces act upon them
6. Types of joinery- theory and applications in furniture design and fabrication
7. Material processing, planning cuts, estimating quantities, and allowing for cut losses; overview of materials and making appropriate selections based on their properties
8. Design ideation, sketching and creating simple structures
9. Design criteria development and design drawing
10. Assembling and finishing; use of veneers and laminates
11. Modelling of ideas through simple mockups
12. Refining concepts, creating drawings for fabrication and effectively fabricating the design

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

Departmental/Course Policies:

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