

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

DSGN 1154: Material, Process, Sustainability

Course Format:

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

Lecture Hours 0.0 h + Laboratory Hours (To Be Confirmed with Past Course Outline)

Credits: 3.0

Transfer Credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Students examine the processes and techniques for production utilized in the design and fabrication of objects and ideas. This includes learning the opportunities and limitations of specific materials, the safe operation of fabrication tools, and the incorporation of sustainable practices in the making of objects. This project-based course enables students to explore and develop the skills and technical knowledge required to inform their designs and their final outcomes.

Prerequisite(s): A minimum "C" grade in DSGN 1155.

Learning Outcomes:

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

1. Practice and apply safety standards in the workshop/studio
2. Demonstrate safe handling and operation of workshop/studio tools
3. Recognize, identify, and apply design principles in the creation of 3D forms
4. Demonstrate and apply multiple steps as part of the creative and fabrication process
5. Apply orthographic drawing conventions in the creation of documentation to communicate the design intent.
6. Identify sustainable practices relating to materiality and design processes.
7. Assess and select materials for their inherent properties and uses

Instructor(s): TBA

Office: TBA

Office Hours: TBA

Phone: (604) 323-XXXX

Email: TBA

Textbook and Course Materials:

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

For textbook information, visit https://mycampusstore.langara.bc.ca/buy_courselisting.asp?selTerm=3|8

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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:]

(To Be Confirmed with Past Course Outline)

Grading System:

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

Topics Covered:

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

PART I: FOUNDATIONAL MATERIAL

- Tools and best practices in the workshop
- Digital output processes
- Employment of CAD software in the exploration and development of 3D forms
- Material types and classifications
- Sustainable processes and practises
- Physical exploration of relationships between material, form, and value

PART II: CREATIVE PROJECT

- Designing and producing an object that engages in the specific milestones of research, concept, design development, materiality, communication, and fabrication.
- Creating a documentation package including scaled drawings, orthographic views, annotations, and rendered illustration

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

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Creation date:
Revision date: May 2024

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E2006 - Appeal of Final Grade

F1002 - Concerns about Instruction

E2011 - Withdrawal from Courses

Departmental/Course Policies:

Information unavailable, please consult Department for details.

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