

COURSE OUTLINE IDES 4301A • MINOR PROJECTS • FALL (2021)

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Location: **Varies as the Course is Partially Online and in Studio**

Office Hours: Please see “Ask my Professor” under CuLearn for course related questions and email the professor/TA for more personal issues

Teaching Assistant: Son Vu Dang

Email: See Brightspace

Office Hours: Please see “Ask my Professor” under Brightspace for course related questions and email the professor/TA for more personal issues

Time and Location: This course is using a mix of online and face to face activities. Lectures and many group activities will be done online. Some of these will be asynchronous and some will be synchronous. In some cases you are expected to do the morning activity by yourself prior to the start of class. The Schedule and weekly Brightspace modules make it very clear what you need to do and by when. Make sure to review ahead of time. As the term progresses, we will have the opportunity to meet face to face in studio, but in smaller group cohorts. It is the expectation that you will be “in-studio” starting at 9:35 EST. You will not be able to complete asynchronous activities on Brightspace ahead of time or at a later date. This in order to manage your time and in fairness to other students.

Course Description

Advanced skills-based course that enhances student experience in novel, experimental processes and techniques in design. Workshop-style activities and short projects focus on increasing skill competence and versatility in a variety of fields. Emphasis on time management and the ability to work independently. Includes: Experiential Learning Activity. Prerequisite(s): IDES 3302 or permission of the School of Industrial Design. Studio and lectures six hours a week.

Learning Outcomes

By the end of this course, students will be able to:

1. Draw from theory covered in previous courses to complement advanced training.
2. Develop specialized skills in selected design themes.
3. Experience problem solving using new methods in design, inspiration and imagination through the exploration of novel approaches and techniques.
4. Complete work efficiently in a time-limited workshop approach to skill acquisition and implementation.
5. Generate concepts and prototypes quickly, paying attention to and rationalizing formal detailing.
6. Explore a variety of prototyping and manufacturing materials and processes.
7. Document their process work to enhance their portfolio and demonstrate their skills in specialized areas of design.

Course Deliverables

These are the deliverables for this course. Please see 'Appendix A Course Schedule' dates on Brightspace (A separate document).

Many of the activities will be completed on the same day and will be graded shortly thereafter. Because this is a blended course it is also important that some of the grading reflects your interaction with others and also encourages your active participation in the course.

Check Brightspace before class every week. Each week has specific instructions setup for all the activities on that studio day including links to any resources.

Lectures and Quizzes: 15%

- Lectures will have simple progress questions and possibly a quiz at the end
- Lecture attendance will also be monitored

Participation Activities: 25%

- Attendance and completion of various workshop activities, including progress meetings, some Miro Activities

Project Reviews: 60%

- Concept Review
- Design Intent Review
- Final Design review

Student Access to Quiz, Test and Exam Papers

Examinations are for evaluation purposes only and will not be returned to the student.

Required Materials

Materials required for the course are listed below.

Desktop sketching and drawing materials including a simple set of markers (unsaturated)

Software: Solidworks 2020, Miro (free online app)

Computer Requirements

Please refer to the computer requirements on the School of Industrial Design Website.

<http://www.id.carleton.ca/undergraduate/about-the-bid-program/computer-requirements>

Individual/Group Work

Courses may include individual and group work. It is important in collaborative work that students clearly demonstrate their individual contribution.

Review/Presentation Attendance

Attendance at scheduled SID Reviews/Presentations is mandatory. These are equivalent to exams when indicated in the course outline. Failure to attend the Review/Presentation without reasonable cause, will result in a grade of F. Students arriving late for the Review/Presentation or not remaining for the complete

session without approval from the instructor, will be addressed on a case-by-case basis at the discretion of the instructor.

If you are not able to attend a Review/Presentation, foresee arriving late or need to leave before it is complete, please email your instructor in advance explaining the reason for the situation. It is important that you provide a reasonable rationale for your absence, late arrival or early departure. In the event of an illness or death in the family, you will be required to sign a form verifying your claim and this form is available through the SID administration office.

Late Submission of Lecture & Studio Deliverables

Students who do not hand in studio deliverables on time will have their earned grade reduced by 15% per day up to a maximum of 3 days. This excludes some graded components such as Forums and quizzes and workshops that will not be accepted late.

Participation and Professionalism

Active participation and professional conduct (e.g. class discussion, consultations with instructors, work ethic, etc.) are important in lecture and studio courses and may be formally evaluated by a grade. Professionalism also includes Carleton's Policy on Academic Integrity described in more detail below with links to content which you are required to review.

Academic Integrity

Carleton's Policy on Academic Integrity is available at: <https://carleton.ca/registrar/academic-integrity/> and covers the following topics:

Plagiarism (e.g. submitting work in whole or in part by someone else, failing to acknowledge sources through the use of proper citations when using another's work).

Test and Exam Rules (e.g. attempting to read another student's exam paper, speaking to another student even if the subject matter is irrelevant to the text, using material not authorized by the examiner).

Other Violations (e.g. improper access to confidential information, disruption in classroom activities, misrepresentation of facts for any academic purpose).

This policy governs the academic behavior of students. In industrial design, ideas and concepts come from a multitude of sources and may be modified and utilized in the design and development process. The student should reference such sources appropriately and it is strongly advised that you read Carleton's Policy on Academic Integrity prior to conducting any work at the University.

Requests for Academic Accommodation

You may require special arrangements to meet your academic obligations during the term. For an accommodation request for any of the following topics below, refer to the link provided for more information: <https://students.carleton.ca/course-outline/>

- *Parental Leave*
- *Religious/Spiritual Obligation*
- *Academic Accommodations for Students with Disabilities*
- *Survivors of Sexual Violence*
- *Accommodations for Student Activities*

Student Responsibility

The student is responsible for knowing the content of this course outline; the schedule of classes, assignments, and/or Reviews; and the material that was covered when absent. The studio is a professional environment and students should be working during the scheduled hours.

Changes to the Course Outline

The course outline may be subject to change in the event of extenuating circumstances.

Appendix A - Course Schedule

Please see IDES 4301 section A Minor Studio F21 Appendix A – Course Schedule on Brightspace