Instructor: Lois Frankel, PhD
4372 Mackenzie Building
Tel 613 520-2600 x 5675
Office Hours: During lecture hours or by appointment.

Time and Location: Please refer to Carleton Central under Student Services – Registration – Search Schedule: https://admissions.carleton.ca/faqs/where-can-i-find-the-class-schedule/

Note: we will be meeting in AP430: The MDes Graduate Studio & decide if it is suitable

Course Description:
Investigation of interdisciplinary design discourse about disciplines, themes, and concepts involved in design development. Examines a range of different professional perspectives and methods for integrating collaborative practices affected by leadership, negotiation, conflict management, and team building. Introduction to graduate academic writing.
Includes: Experiential Learning Activity.

This course introduces the practical concepts upon which the MDes program is based. The first is the investigation of issues related to interdisciplinary design cultures, which will be achieved primarily through discussions, debates, and critiques of the course readings. The second is to learn about the nature of team interactions, which will be accomplished through course activities, readings, and guest visits. Finally, this course places strong emphasis on acquiring critical thinking, presentation, and writing skills appropriate to scholarly publications and events, especially conference papers and presentations. Students are expected to develop an understanding of the components of academic writing and apply them in their own papers.
Learning Outcomes:

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

1. Critically discuss theoretical issues arising in the general discourse about interdisciplinary design.
2. Use course resources to learn about significant themes discussed in the design literature.
3. Identify unique aspects of disciplinary collaboration in interdisciplinary design activities.
4. Facilitate the use of logic and argument in debates about interdisciplinary design matters.
5. Engage others in activities that explore interdisciplinary design concepts and theories.
6. Cooperate with team members in working through class exercises and assignments.
7. Produce well developed written and presentation material.
8. Prepare final work for publication in the form of a conference poster and publication.
9. Effectively communicate ideas through visual, written, and oral presentations.
10. Adopt professional behaviour.

Course Deliverables & Evaluation Information:

- Assignment 1: **Individual Critical Reading Review Portfolio** 20%
- Assignment 2: **Reading Session Leadership** 30%
- Assignment 3: **Individual paper** 45%
- **Weekly participation & professionalism** (includes attendance, engagement in class and organization) 5%
<table>
<thead>
<tr>
<th>DATE</th>
<th>THEME</th>
<th>READINGS (read prior to class on date noted)</th>
<th>IN-CCLASS ACTIVITIES</th>
<th>DELIVERABLES</th>
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<td>S9</td>
<td>INTRODUCTION</td>
<td>General Intro</td>
<td>Intro #1: Portfolio</td>
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<td>Academic Writing &amp; Plagiarism PhD in Design List</td>
<td>Intro #2: Readings &amp; Analysis Sessions</td>
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<td>2</td>
<td>S16</td>
<td>DESIGN</td>
<td>D’Ippolito</td>
<td>In-class discussion &amp; critical analysis</td>
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<td>Skjold &amp; Larsen</td>
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<td>3</td>
<td>S23</td>
<td>INTERDISCIPLINARITY &amp; COLLABORATION</td>
<td>Dykes et al/</td>
<td>Reading Session #1 &amp; In-Class activity</td>
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<td>Augsten &amp; Gekeler</td>
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<td>S30</td>
<td>ACADEMIC WRITING</td>
<td>Montuori</td>
<td>Assignment 1: 1st portfolio due</td>
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<td>O7</td>
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<td>THANKSGIVING- NO CLASS</td>
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<td>&amp; Eisenbart et al/</td>
<td>Assignment 3: Discussion of individual paper directions</td>
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<td>Assignment 3: PAPER ABSTRACT DUE</td>
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<td>Cox &amp; Hallgrimsson/</td>
<td>Reading Session #4</td>
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<td>Irani &amp; Dourish/</td>
<td>Assignment 3: 2nd portfolio due</td>
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<td>Chavan/ Naparat</td>
<td>POSSIBLE GUESTS</td>
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<td>8</td>
<td>N11</td>
<td>INTERDISCIPLINARY: TEAM PROCESS</td>
<td>Haats/ Dhomne &amp; Hall/</td>
<td>Annotated Bibliography Activity &amp; Discussion</td>
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<td>Frankel &amp; Hrinivich</td>
<td>Bring Readings for reference only: Rith &amp; Dubberly/ Jordan et al</td>
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<td>N18</td>
<td>SOCIAL PROCESSES</td>
<td>Grigoriev/ Juarez/  De Mello Friere, Del Gaudio &amp; Franzato</td>
<td>Reading Session #5</td>
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<td>N25</td>
<td>ACADEMIC WRITING</td>
<td>Macrae</td>
<td>Assignment 3: PAPER DRAFT &amp; concept map DUE at start of class</td>
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<td>ACADEMIC WRITING</td>
<td>MDes Thesis Docs (TBD)</td>
<td>Individual consultations</td>
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<td>12</td>
<td>D6</td>
<td>FINAL POSTER REVIEWS</td>
<td>Possible guests</td>
<td>Assignment 3: FINAL Poster DUE</td>
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<td>FRIDAY</td>
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<td>POSTER REVIEWS</td>
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<td>Consultations</td>
<td>Note: FINAL PAPER &amp; Executive Summary due on Dec 21</td>
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Required Readings:

Readings required for the course are listed below:

Augsten, Andrea and Gekeler, Moritz. (2017). From a Master of crafts to a facilitator of Innovation. How the increasing importance of creative collaboration requires new ways of teaching design. The Design Journal 20:sup1 S1058-S1071


Gemser, de Bont, Cees and Paul Hekkert (2011). Quality perceptions of design journals: The design scholars' perspective. Design Studies, Volume 33(1), 4-23


Other Resources

- The Design Research Society Newsletter (note you can also subscribe to this
Most of these readings are available on cuLearn in ARES or can be found online.

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 Deliverables

Students who do not hand in deliverables on time will have their earned grade reduced by 10% per day up to a maximum of 3 days.

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 will be formally evaluated by a grade.

Student Access to Quiz, Test and Exam Papers

Examinations will be returned to students with comments and explanations.
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

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).

The 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.

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.

Unless otherwise arranged, the class will meet during scheduled class hours. Please note that attendance is important since issues and questions may be raised in class, and announcements made, along with information disseminated through cuLearn. As external professionals are often involved in our work, scheduling changes for guest lectures, presentations, and Reviews may occur at short notice, requiring students to stay informed.

Changes to the Course Outline

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