Interaction Design

INF 385T Fall 2021

General Information

Description: This team‑oriented project course will explore several issues surrounding the design and production of usable and elegant interactive experiences. Students will be introduced to topics including the iterative design process, physical and digital prototyping, and user testing. Project work will allow students to demonstrate mastery of the methods discussed in class through the creation and evaluation of screen-based and physical interfaces. No formal programming experience is necessary or expected as students are encouraged to leverage existing skills to develop visualizations and prototypes. For projects in the digital domain, experience with Figma, HTML5, Axure, InVision or the like is helpful, but not required.

Meeting Time: Wednesday 6:30-9:30pm
Meeting Place: UTA 1.210A / Zoom (Hybrid)

Professor

A. Fleming Seay, Ph.D.
- **Email:** Fleming_Seay@Dell.com
- **Office Hours:** (by appointment)

Textbook

Required?	Title	Author	Publisher
Yes	*Designing Interactions*	Bill Moggridge	*MIT Press*

Grading

	Due	Weight
Class Participation	~	20%
Checkpoints	10/6, 10/20, 11/3, 11/17	10%
Final Project	12/1	40%

Grading Criteria: Performance in the course will be evaluated against the criteria listed below.

- Individual contribution to project checkpoints
- Active participation in class discussions, work-sessions, and critiques
- Rigor of design explorations
- Quality of craftsmanship and level of completion
- Team's ability to articulate process of arrival at a design solution

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Course Policies

Attendance: For the Fall semester of 2021 this course is listed as a hybrid of online & in-person instruction. We will start off online and re-evaluate the situation as the semester progresses.

Attendance at all online class sessions is expected. Though absence will not affect your grade directly, it will reduce your ability to participate in and contribute to group work. Multiple absences will hurt your participation grade and your peer evaluation. If you are going to miss a class, let me and your teammates know as well in advance as possible.

Canvas: The Canvas system will be used for a great deal of class business including posting and submission of assignments, class announcements, and sharing of lecture slides. Please check it often.

Laptop Policy: Students are expected to keep all laptops and tablets closed and put away during the lecture and presentation portions of the class. If anyone is standing at the front of the room addressing the group, then notebooks and mobile devices must be closed and/or stored.

Late Assignments: Assignments are due before 6:30 pm on the day of the designated class period. Late assignments will be assessed a 10% per day late penalty (penalties will accrue on Saturdays and Sundays).   Early turn-in of assignments to accommodate planned absences should be arranged with the professor.

Course Schedule (Tentative)

Content	Date
Course Intro	**8/25**
Mood Boards	**9/1**
Favorite Design/Designer + Modern Interaction Research I	**9/8**
Douglas Engelbart, Modern Interaction & Concepts Session	**9/15**
Hiroshi Ishii , Contextual Design & Teams Established	**9/22**
Jun Rekimoto + Prototyping + Project Pitch Document	**9/29**
Project Progress Checkpoint I – Project Pitch Presentations	**10/6**
Lecture Catch Up & User Testing	**10/13**
Project Progress Checkpoint II	**10/20**
In Class Work Session	**10/27**
Project Progress Checkpoint III	**11/3**
In Class Work Session	**11/10**
Project Progress Checkpoint IV, End Game	**11/17**
Thanksgiving, No Class Meeting	**11/24**
Final Presentations	**12/1**

Other Policies & Important Information

Sharing of Course Materials is Prohibited: No materials used in this class, including, but not limited to, lecture hand-outs, videos, assessments (quizzes, exams, papers, projects, homework assignments), in-class materials, review sheets, and additional problem sets, may be shared online or with anyone outside of the class unless you have my explicit, written permission. Unauthorized sharing of materials promotes cheating. It is a violation of the University's Student Honor Code and an act of academic dishonesty. Any materials found online that are associated with you, or any suspected unauthorized sharing of materials, will be reported to Student Conduct and Academic Integrity in the Office of the Dean of Students. These reports can result in sanctions, including failure of the course.

Class Recordings: Class recordings are reserved only for students in this class for educational purposes and are protected under FERPA. The recordings should not be shared outside the class in any form. Violation of this restriction by a student could lead to Student Misconduct proceedings.

Title IX Reporting: Title IX is a federal law that protects against sex and gender-based discrimination, sexual harassment, sexual assault, sexual misconduct, dating/domestic violence and stalking at federally funded educational institutions. UT Austin is committed to fostering a learning and working environment free from discrimination in all its forms. When sexual misconduct occurs in our community, the university can:

> 1. Intervene to prevent harmful behavior from continuing or escalating.
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> 2. Provide support and remedies to students and employees who have experienced harm or have become involved in a Title IX investigation.
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> 3. Investigate and discipline violations of the university's relevant policies.

Faculty members and certain staff members are considered "Responsible Employees" or "Mandatory Reporters," which means that they are required to report violations of Title IX to the Title IX Coordinator. I am a Responsible Employee and must report any Title IX-related incidents that are disclosed in writing, discussion, or one-on-one. Before talking with me or with any faculty or staff member about a Title IX-related incident, be sure to ask whether they are a responsible employee. If you want to speak with someone for support or

remedies without making an official report to the university, email advocate@austin.utexas.edu For more information about reporting options and resources, visit the Title IX Office or email titleix@austin.utexas.edu.

Land Acknowledgement

(I) We would like to acknowledge that we are meeting on Indigenous land. Moreover, (I) We would like to acknowledge and pay our respects to the Carrizo; Comecrudo, Coahuiltecan, Caddo, Tonkawa, Comanche, Lipan Apache, Alabama-Coushatta, Kickapoo, Tigua Pueblo, and all the American Indian and Indigenous Peoples and communities who have been or have become a part of these lands and territories in Texas, here on Turtle Island.

Land Engagements and/or Commitments

In recognition of the ongoing and cumulative challenges faced by Indigenous Peoples in Central Texas and globally, we call upon The University of Texas at Austin:

- To repatriate the ancestral remains held by the Texas Archeological Research Laboratory to their Indigenous descendant communities and Native lands.
- To commit to the active recruitment and material support of Native American and Indigenous students, who currently comprise fewer than 0.2% of UT Austin's student body.
- To support the transition of the Program in Native American and Indigenous Studies into a Center.
- To establish a protocol of research and study on Tribal or Native lands, and to foster an ethics and practice of engaged scholarship, with and for Indigenous peoples and communities, locally and internationally.