

# Syllabus LMC 6313 Spring 2023

## Principles of Interaction Design

Units: 3

### Course Meetings

Mondays and Wednesdays 2:00 – 2:50pm in Skiles 370

Fridays **10am** – 12:15pm in Skiles 346

### Instructor

Noura Howell, PhD

Assistant Professor

Digital Media

Georgia Tech

[nhowell8@gatech.edu](mailto:nhowell8@gatech.edu)

<https://nourahowell.com/>

[she / her / hers](#)

Office hours: By appointment only on Mondays and Wednesdays.

Best way to reach the instructor is a 1:1 message on MS Teams.

### Graduate Teaching Assistant (GTA)

Allie Teixeira Riggs

PhD Student

Digital Media

Georgia Tech

[ariggs8@gatech.edu](mailto:ariggs8@gatech.edu)

<https://ariggs.net/>

[she / her / hers](#) or [they / them](#)

Office hours: Open lab hours on Fridays, see above

Best way to reach the GTA is a 1:1 message on MS Teams.

### Important Links

[OneDrive](#) : Syllabus (this document), [Schedule](#), Class plans for each day, Assignment descriptions... All assignment descriptions are on OneDrive. All due dates are on the Schedule.

[Canvas](#) : For turning in assignments and grading

Figma: For UI mockups. Join the class Figma Team with this [invite link](#). Get a free Figma Education (Pro) account using your GT email.

[MS Team](#) : For announcements, Q&A, etc.

Note: If at any point the link to something seems to be missing or malfunctioning, please ask your classmates, then the GTA, then the instructor, so the issue can be resolved.

## Course Description

Interaction Design is designing how people interact with technology. This class strategically focuses on screen based interfaces, with some special topics such as voice or tangible interfaces. This class approaches design as a practice and asks students to learn by doing, critiquing, and doing again. Students will dive into the nitty gritty details of designing interfaces and gain familiarity in designing and evaluating interfaces.

## Goals

The projected learning outcomes of this course are:

- Conduct exploratory qualitative design research in the form of contextual inquiry
- Conduct detail-oriented task analysis of existing user interactions
- Design and prototype interfaces
- Evaluate interfaces: think aloud, heuristic, and accessibility evaluations
- Iterate and refine the design of interfaces on the basis of evaluation results

## Textbooks

About Face: The Essentials of Interaction Design, 2014 edition.

[You can read this book online for free with a GT login.](#)

Additional readings will be provided online.

## Design Inspiration Resources

Resources for UI and Design Inspiration as you go through each assignment:

For UI / UX Design

<https://dribbble.com/>

<https://www.awwwards.com/>

<https://www.siteinspire.com/>

<https://mobbin.design/browse/ios/apps>

<https://www.itsnicethat.com/>

<https://screenlane.com/?ref=uimovement>

<https://collectui.com/designs>

For Color Schemes

<https://colors.co/>

For Fonts

<https://fontsinuse.com/>

For Learning / Practicing Design

<https://www.dailyui.co/>

## Schedule

### [Schedule](#)

Due dates and readings are shown on the Schedule. The Schedule is subject to change. Stay tuned for announcements or edits to the Schedule. Readings for each day may be finalized as the course progresses.

## Assignment Grading Breakdown

### [Grading Breakdown](#)

Grading of each assignment will be by number of points. The number of points for an assignment indicates its weight in determining the final grade. Assignments are due at the beginning of the class session unless otherwise specified. Late submissions will not be accepted, because many assignments rely on being turned in on time in order to get feedback on the assignment in class. In cases of excused absences, proactively communicate with the instructor to find an alternative "make up" assignment, which may take a different form than the original assignment. The [Georgia Tech Honor Code](#) applies.

## Grade Ranges

100-90% : A

89 - 80% : B

79 - 70% : C

69 - : D

## Attendance

Stay home if you feel sick, to protect yourself and others. These are excused absences. You can review online materials and communicate with classmates, instructor, and TA to catch up on what you missed.

Proactively communicate about absences. Some assignments are due in class and will not be accepted late, in which case you will need to work with the instructor to determine a "make up" assignment, which may take a different form than the original assignment.

## Accommodations

Please refer to the [Office of Disability Services](#) for information on how to request [accommodations](#). The instructor and TA are committed to working with you to accommodate your needs.

## Technology use

Bring a computer to class every day. No use of cell phones (including texting) in class.

## Inclusivity Statement

The Ivan Allen College of Liberal Arts supports the Georgia Institute of Technology's commitment to creating a campus free of discrimination on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, gender identity, or veteran status. We further affirm the importance of cultivating an intellectual climate that allows us to better understand the similarities and differences of those who constitute the Georgia Tech community, as well as the necessity of working against inequalities that may also manifest here as they do in the broader society.

## Workload

Students are expected to work not only in class but also outside of class sessions on assignments and projects.

If you are experiencing anxiety or depression or a medical, personal, or family crisis, or if you just feel overwhelmed, please do not hesitate to reach out for help. Everybody needs help sometimes, and being in school can be a personally challenging time. You are not alone, and many of us are available to be sympathetic listeners and to share our own strategies for coping with stressful situations. In addition, professional counselors and medical practitioners have expertise that can be very helpful. The Dean of Students has a list of services (see <https://studentlife.gatech.edu/content/get-help-now>).