

**INF385C : Human-Computer Interaction**  
**DRAFT Syllabus – Fall 2020 - online**

**Instructor:** Dr. Jacek Gwizdka  
**Office:** Zoom: <https://utexas.zoom.us/j/94130974839>  
**Office Hours:** On Thursdays at ... TBD and by appointment  
both via Zoom: <https://utexas.zoom.us/j/94130974839>  
**Email:** [jacekg@ischool.utexas.edu](mailto:jacekg@ischool.utexas.edu) (always include **INF385C** in the email's subject)  
Note: direct email is by far the best way to contact your instructor and TA

**TA:** Siqi Yu  
**Office:** Zoom  
**Office Hours:** By appointment via Zoom  
**Email:** [sukie\\_yi@utexas.edu](mailto:sukie_yi@utexas.edu)  
(all course-related email should be sent to the TA and cc-ed to the course instructor)

**Class meetings:** Thursdays 12pm-3pm  
via Zoom: <https://utexas.zoom.us/j/94130974839>

**Canvas @ UT:** <https://utexas.instructure.com/>  
**Course schedule:** in a separate document on Canvas (look under Modules and Canvas Syllabus)  
**Course announcements and email list:** through Canvas

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**COVID-19 Update:** This will be an online class. The main mode of class instruction will be synchronous meetings via Zoom. There will also be asynchronous class activities. We'll try to make it flexible and accommodate your needs as much as possible. All class meetings will be recorded for the benefit of these students, who are not able to attend online and to enable review of course topics for all of you.

### ***COURSE DESCRIPTION***

This course will introduce you to human-computer interaction theories and design processes. The emphasis will be on applied user experience (UX) design. The course will present an iterative evaluation-centered UX lifecycle and will introduce you to a broader notion of user experience, including usability, usefulness, and emotional impact. The lifecycle should be viewed as template intended to be instantiated in many different ways to match the constraints of a particular development project. The UX lifecycle activities we will cover include contextual inquiry and analysis, requirements extraction, design-informing models, design thinking, ideation, sketching, conceptual design, and formative evaluation.

It is a goal of this course to help students realize that UX design and engineering is an ongoing process throughout the full product life cycle, and developing the human-computer interface is not something to be done at the last minute, when the "rest of the system" is finished.

## ***CLASS STRUCTURE***

Each week will have roughly these course components: reading assigned chapters, online discussion of readings on Canvas, synchronous class meetings, assignment or project work. The synchronous class meeting time will be split between content-based lectures, discussions, short student presentations (design critiques and article presentations) and project-related activities to demonstrate techniques and principles and to practice the skills being presented. The part of the class time used for lectures will be devoted to highlighting course materials, questions, and discussion. The composition of individual class meetings will differ somewhat throughout the semester.

Outside of the classroom, students will acquire more in-depth hands-on experience in applying these skills and techniques in a semester-long team project. In this project, students will develop a usable interaction design for their own application system in a UX project of their choosing.

## ***PEDAGOGICAL OBJECTIVES***

The objective of this course is for students to learn fundamentals of human perception and cognition, to learn how to conduct user research, how to design, prototype and evaluate user interfaces. Students will learn user interaction design principles through theory and practice. At the end of this course you will be able to:

- understand the main concepts in human computer interaction;
- understand the fundamentals of human perception and cognition and their implications for user experience and interaction design;
- conduct research to learn about user needs and human uses of technology;
- undertake iterative and inexpensive user-centered design methods;
- design and prototype user interfaces;
- understand and apply interaction design guidelines;
- identify the strengths and weaknesses of interfaces and provide suggestions of how to improve them;
- perform basic user interface evaluation and usability testing;
- undertake further training and research in this area.

## ***UNIVERSALITY AND BREADTH OF APPLICABILITY***

The process, principles, and guidelines are universal and applicable to any kind of design that involves interaction between humans and non-human systems in the broadest sense. The material of this course applies not just to GUIs and the Web but to all kinds of interaction styles and devices, including ATMs, refrigerators, elevator buttons, road signs, ubiquitous computing, embedded computing, and everyday things.

## ***HANDS-ON, PRACTICAL APPROACH***

This course takes a practical, applied, hands-on approach, based on the application of established best practices, principles, and proven methods to ensure a quality user experience.

My goal for you is to introduce you to the activities of the UX lifecycle process and to give you opportunity to gain some practical experience with them. You are exposed to each activity in a few ways. First you read about it in the book, then the instructor will review the highlights in lectures. Then we will discuss topics in the class. Topics will be enriched by your short presentations in most of class meetings. Finally, you will apply your newly learned skills in a semester-long team project.

### **HUMAN PSYCHOLOGY FOUNDATIONS**

HCI is rooted in human psychology. Good understanding of design principles and guidelines and their effective application requires knowledge of their scientific underpinnings. Therefore, some topics will include readings and discussion of theoretical aspects.

### **MY PERSONAL GOALS FOR YOU IN THE COURSE**

In addition to content-specific objectives, I have these personal goals for each student:

- to get you to think deeply and carefully about the subject,
- to help you to genuinely like the subject,
- to provide knowledge and skill useful to you in your career,
- to engender a deeper interest (perhaps in some of you) that can be pursued beyond this course,
- to make you proud of your achievements in this course, especially of your project work, and,
- hopefully, have a little fun in the process.

**WARNING:** Occasionally we get students with considerable experience in HCI/UX. You are still welcome to participate in this course, but be warned that this is not an advanced course in HCI/UX. Although this course gives thorough treatment to the HCI/UX process, it is an *introductory* course.

### **TEXTBOOK**

The textbook for this course is **UX: The UX Book. Agile UX Design for a Quality User Experience. Second Edition** by Hartson and Pyla, Morgan Kaufman, 2019. (Book website: <http://www.theuxbook.net/>). The book is available online through UT libraries: <https://www-science-direct-com.ezproxy.lib.utexas.edu/science/article/pii/B9780128053423099896?via%3Dihub>

### **OTHER REQUIRED BOOKS AND READINGS**

**DN13:** Norman, D. (2013). Design of Everyday Things: Revised and Expanded. New York: Basic Books. This is a newer edition of the classic book. If you don't know it, you should read it. The book is available online through UT libraries:

<http://site.ebrary.com.ezproxy.lib.utexas.edu/lib/utexas/detail.action?docID=10778063>

### **CLASS LECTURE SLIDES AND OTHER HANDOUTS**

For your reference, class lecture slides will be posted on Canvas. You have my permission to save and print a copy for your personal use. Assignment and project descriptions are also posted on Canvas. The files posted on Canvas will be either linked to Canvas Modules/Syllabus/Calendar

or available directly in the Files section. *Important:* No materials used in this may be shared online or in-person with anyone outside of the class unless you have my explicit, written permission. Please also consult section “Sharing of Course Materials is Prohibited” at the end of the syllabus.

## **HOMEWORK**

The major work in this course is the team project (see below). In addition, there will be smaller assignments. All due dates are on Canvas. It’s your job to know when you should be working on assignments and when they are due. Ask when in doubt. One other type of homework will be the weekly reading assignments described below.

### **Submitting written homework and project assignments**

You must prepare your assignments using a word processor and submit it by uploading to Canvas by the due date/time. Please always use appropriate three- or four-letter file extensions in submitted filename (e.g., .docx for Word files, .pdf for Adobe portable document format). Assignments usually may not be submitted via email to either the professor or the TA. All documents which you are submitting should include on the front page of your submission your name (spelled in the same way as in the course roster), course number/name, instructor's name, semester and the date of submission. For group work, please additionally include on the front page all group member names, your project group number, and your project short name (or title). **If you don’t include all the required information your submission will be returned ungraded.**

## **GRADING**

Class participation (includes in-class activities, participation in discussions, etc.)	5%
Design Critique (DC) or Article Presentation (AP)	5%
Reading assignments and participation in online discussions on Canvas	20%
Assignment 1 (Design Analysis)	5%
Assignment 2 (Design Critique)	5%
Assignment 3 (Final reflections & lessons learned from the project)	10%
Project (teamwork)	55%
Project 0: Topic idea	0%
Project 1: Topic selection and product concept statement	0%
Project 2: Contextual inquiry and analysis	10%
Project 3: Requirements and modeling	10%
Project 4: Design	10%
Project 5: Prototype (wire-frames)	10%
Project 6: Final presentation	5%
Project 7: Final project report	10%

## **GRADING SCALE**

- 96 or above (A superior)
- 90-95 (A- distinguished)
- 87-89 (B+ good)
- 84-86 (B satisfactory)
- 80-83 (B- barely satisfactory)
- unsatisfactory: 77-79 (C+), 74-76 (C), 70-73 (C-).

Note: Final grading does not happen just by calculations. I take into account many factors, and so your “Canvas points/%” are only a rough indication of the final grade. Ask when in doubt.

### **READING ASSIGNMENTS**

You are responsible for keeping up with readings in the book per the schedule given in the course schedule/calendar. All assigned readings are to be done before a class meeting (except our first meeting, of course). Before class meetings during several weeks (as listed on Canvas), you are required to **post one discussion question** relevant to each assigned topic on the designated Canvas discussion area (note there may be more than one topic per week) and **respond to at least one question** posted by another student. Your questions should be in depth and sufficiently detailed to demonstrate that you read the assigned material (and not just skimmed it). This is particularly important for the more theoretical readings. Since your questions will drive class discussion, you should ask about things you actually want us to discuss. Questions should not be too short (e.g., < 20 words) or too long (e.g., > 250 words; these numbers are just rough guidelines). Questions should show your critical analysis of each reading and should not be superficial. Any student, TA or an instructor may post responses to online questions. **The deadline for posting questions is 48 hours before the class meeting time.** Be prepared to discuss your questions during class meeting.

### **STUDENT PRESENTATIONS**

Each week one to three students will be assigned to prepare at home and present to the whole class one of the two types of presentations (a short design critique or online article presentation).

#### ***Design Critique and/or Article Presentation (selected weeks as posted on Canvas)***

Most weeks one or two students will be asked to present a short design critique of a human-machine interface (you should be able to show the device or its images). Another type of on-going presentation will be a presentation of an online article on a topic closely related with weekly class topic. The article could be selected as an example of a UX technique or tool, or an example of an alternative approach. If two students are presenting, they should coordinate their article selection so that there is no overlap. For both types of presentation your **slides are due is 48 hours before the class meeting time.** More information is posted on Canvas under Assignments.

### **TEAM PROJECT**

The major work (and the major part of course grade) component for the course is the semester team-oriented development project. It involves defining, analyzing, specifying, designing, prototyping, and evaluating an interaction design for a realistic problem area that you select. The purpose of the project is to give you exposure to all steps involved in developing a significant user interaction design. The project will include seven phases listed above in the grading table. The project assignments are described in detail separately.

This is a team project. Students may be assigned to teams by instructor or by self-selecting. We will try to balance your knowledge, skills, and backgrounds. All project activities, including writing the deliverables, are team activities. All team members are to participate in all project

activities. Do **not** go too far in the direction of dividing the overall process among the team members. Even though this might seem like a more efficient way to proceed, this leads to a kind of specialization that poses a barrier to each person learning the overall process.

### ***The project grading process***

The TA and the instructor typically work together in grading your submissions. Teams will be operating under somewhat varying conditions, reflecting various real-world development situations. Therefore, expectations for different teams will vary, as will the bases for grading project deliverables, so this is not about comparing the final products or deliverables across teams. The emphasis in this class is on learning the process and your project deliverables will be graded with that perspective.

***The objective part.*** The first thing we assess objectively is whether all requirements are met. Mechanical aspects such as formatting, labeling, grammar, spelling, following instructions, etc. are easy to grade because they are objective. Since these mechanical aspects are just expected, we don't give positive points for those, but we may *deduct* points if they are wrong or missing.

***The subjective part.*** The hard part in grading is the subjective part, which is about quality of content. Your submissions will be sorted in an approximate order of overall quality. We then take a second look and discuss relative merits of your work. In this process we calibrate our judgments. There are two components to this subjective evaluation: how well requirements are met (how well you did the job) and how well you reported it. Our evaluation of these components is based on our own knowledge and experience and is necessarily somewhat relative among the project teams of the class. The "how well you met requirements" part is based on our perception of how much you put into it, how completely you pursued the assignment, and how well you understood, interpreted, and applied the material covered in class to your project. We will try to write comments about these qualitative parts, so you know what aspects of your work and writing are possible issues.

### ***Teamwork***

Each member of the team is expected to contribute equally to each part of the project. It is possible that one of the most difficult parts of the project assignments is working well together in a group. It is understood that the effort each of you put into project phases may fluctuate given your skillset. Be aware of possible group problems and be ready to solve them. Don't make the mistake of taking this aspect for granted or waiting for it to fix itself; you have too much at stake. Sometimes, despite our best efforts, some team members end up not pulling their fair share of the weight. If you encounter such problems please contact your instructor as early as possible. The instructor will work with a group to help you solve problems.

### ***PARTICIPATION***

***COVID-19 Update:*** We understand that you may be There will be no formal requirement for participation during class meetings. However, we do expect that all students will do the best they can under circumstances.

## ***COURSE POLICIES***

### ***Due dates and times for handing in homework and project assignments***

All homework and project assignments must be turned in at the beginning of class on the due date. You should think of all due dates for assignments, especially project assignments, as firm. The tight schedule of deliverables throughout the whole semester makes it nearly impossible to extend due dates. Any assignment that you do not hand in on time may be penalized in grading. If you are not able to complete an assignment by the due date, it would be best for you to hand in as much of it as you have done. It will help if you notify us about special circumstances that will adversely affect completion of an assignment.

### ***Attendance***

You will not be graded directly on attendance. You are adults in a graduate-level course and are *expected* to be present for all course-related activities. Beyond the occasional need to be absent from class for a good reason, please consider that much of the learning for the course occurs in class. You cannot participate in this learning if you are not present.

If you are absent or unable to participate on the day that your team meets, you are responsible for providing your team with the necessary information to compensate for your absence. It is crucial to keep in communication with your team members; you are responsible for letting both us and your team know if you cannot make it to a class.

Excused Absence: The only absences that will be considered excused are for religious holy days or extenuating circumstances due to an emergency. If you plan to miss class due to observance of a religious holy day, please let us know at least two weeks in advance. For religious holy days that fall within the first two weeks of the semester, the notice should be given on the first day of the semester. You will not be penalized for this absence, although you will still be responsible for any work you will miss on that day if applicable. Check with us for details or arrangements.

If you have to be absent, use your resources wisely. Ask your team and other classmates to get a run-down and notes on any lessons you miss. If you find there are topics that we covered while you were gone that raise questions, you may come by during office hours or schedule a meeting to discuss. Email specific questions you have in advance so that we can make the most of our time. "What did I miss?" is not specific enough.

If you have to miss class for an extended period due to a protracted illness or similar reason, we will treat your needs as a special case and I will do everything I can to help you survive.

### ***E-mail Notification Policy***

In this course e-mail will be used as the main means of communication with students. You will be responsible for checking your e-mail regularly for class work and announcements. If you are an employee of the University, your e-mail address in Canvas is your employee address.

Please make sure that your email is configured in such way as to show your name in the same way as it appears on the official course roster. This most likely means that it should be spelled using Latin alphabet characters only.

All email messages you send concerning the class should be addressed to the TA with a copy to the instructor. We will sort out which of us should act on the message and will make every effort to answer your email in a timely fashion. However, you should not necessarily always expect to get an immediate reply. In particular, don't expect to get answers to questions about a homework or project assignment within the last few hours before that assignment is due. **Please put INF385C as part of the subject line of your email; that will help us identify your emails more quickly.**

The University has an official e-mail student notification policy. It is the student's responsibility to keep the University informed as to changes in his or her e-mail address. Students are expected to check e-mail on a frequent and regular basis in order to stay current with University-related communications, recognizing that certain communications may be time-critical. Read the policy: <http://www.utexas.edu/its/policies/emailnotify.html>.

You can find and change your official email address of record at :  
[https://utdirect.utexas.edu/apps/utd/all\\_my\\_addresses](https://utdirect.utexas.edu/apps/utd/all_my_addresses)

### ***STUDENT RIGHTS & RESPONSIBILITIES***

- You have a right to a learning environment that supports mental and physical wellness.
- You have a right to respect.
- You have a right to be assessed and graded fairly.
- You have a right to freedom of opinion and expression.
- You have a right to privacy and confidentiality.
- You have a right to meaningful and equal participation, to self-organize groups to improve your learning environment.
- You have a right to learn in an environment that is welcoming to all people. No student shall be isolated, excluded or diminished in any way.

#### ***With these rights come responsibilities:***

- You are responsible for taking care of yourself, managing your time, and communicating with the teaching team and with others if things start to feel out of control or overwhelming.
- You are responsible for acting in a way that is worthy of respect and always respectful of others.
- Your experience with this course is directly related to the quality of the energy that you bring to it, and your energy shapes the quality of your peers' experiences.
- You are responsible for creating an inclusive environment and for speaking up when someone is excluded.
- You are responsible for holding yourself accountable to these standards, holding each other to these standards, and holding the teaching team accountable as well.

## **UNIVERSITY RESOURCES FOR STUDENTS**

### ***COVID-19 Update: "Keep Learning" Resources***

This course may be offered in a format to which you are unaccustomed. If you are looking for ideas and strategies to help you feel more comfortable participating in our class, please explore the resources available here: <https://onestop.utexas.edu/keep-learning/>

### ***Services for Students with Disabilities***

The university is committed to creating an accessible and inclusive learning environment consistent with university policy and federal and state law. Please let me know if you experience any barriers to learning so I can work with you to ensure you have equal opportunity to participate fully in this course. If you are a student with a disability, or think you may have a disability, and need accommodations please contact Services for Students with Disabilities (SSD). Please refer to SSD's website for contact and more information: <http://diversity.utexas.edu/disability/>. If you are already registered with SSD, please deliver your Accommodation Letter to me as early as possible in the semester so we can discuss your approved accommodations and needs in this course.

### ***Counseling and Mental Health Center***

The [Counseling and Mental Health Center](#) serves UT's diverse campus community by providing high quality, innovative and culturally informed mental health programs and services that enhance and support students' well-being, academic and life goals. To learn more about your counseling and mental health options, call CMHC at (512) 471-3515.

If you are experiencing a mental health crisis, call the CMHC Crisis Line 24/7 at (512) 471-2255.

### ***The Sanger Learning Center***

Did you know that more than one-third of UT undergraduate students use the Sanger Learning Center each year to improve their academic performance? All students are welcome to take advantage of Sanger Center's classes and workshops, private learning specialist appointments, peer academic coaching, and tutoring for more than 70 courses in 15 different subject areas. For more information, please visit <http://www.utexas.edu/ugs/slc> or call 512-471-3614 (JES A332).

*Undergraduate Writing Center:* <http://uwc.utexas.edu/>

*Libraries:* <http://www.lib.utexas.edu/>

*ITS:* <http://www.utexas.edu/its/>

*Student Emergency Services:* <http://deanofstudents.utexas.edu/emergency/>

### ***BeVocal***

BeVocal is a university-wide initiative to promote the idea that individual Longhorns have the power to prevent high-risk behavior and harm. At UT Austin all Longhorns have the power to intervene and reduce harm. To learn more about BeVocal and how you can help to build a culture of care on campus, go to: <https://wellnessnetwork.utexas.edu/BeVocal>.

## **LAND ACKNOWLEDGMENT**

*As the flagship institution in our state university system, it is important that The University of Texas at Austin demonstrate respect for the historic and contemporary presence of Indigenous Peoples in Texas and, particularly, in the greater Austin area. To that end, it is incumbent upon The University of Texas at Austin to recognize that our campus resides on what were historically the traditional territories of Indigenous Peoples who were dispossessed of their homelands. Land Acknowledgements are an expression of gratitude and appreciation to the Indigenous Peoples, the traditional caretakers of the land, for the use of their lands on which we work, study, and learn.*

### **Land Acknowledgment**

I would like to acknowledge that we are meeting on Indigenous land. Moreover, I 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.

## **IMPORTANT SAFETY INFORMATION**

**COVID-19 Update:** While we will post information related to the contemporary situation on campus, you are encouraged to stay up-to-date on the latest news as related to the student experience. <https://coronavirus.utexas.edu/students>

If you have concerns about the safety or behavior of fellow students, TAs or Professors, call BCAL (the Behavior Concerns Advice Line): 512-232-5050. Your call can be anonymous. If something doesn't feel right – it probably isn't. Trust your instincts and share your concerns.

The following recommendations regarding emergency evacuation from the Office of Campus Safety and Security, 512-471-5767, <http://www.utexas.edu/safety/>

Occupants of buildings on The University of Texas at Austin campus are required to evacuate buildings when a fire alarm is activated. Alarm activation or announcement requires exiting and assembling outside.

- Familiarize yourself with all exit doors of each classroom and building you may occupy. Remember that the nearest exit door may not be the one you used when entering the building.
- Students requiring assistance in evacuation shall inform their instructor in writing during the first week of class.
- In the event of an evacuation, follow the instruction of faculty or class instructors. Do not re-enter a building unless given instructions by the following: Austin Fire Department, The University of Texas at Austin Police Department, or Fire Prevention Services office.
- Link to information regarding emergency evacuation routes and emergency procedures can be found at:  
[www.utexas.edu/emergency](http://www.utexas.edu/emergency)

## ***Title IX Reporting***

Title IX is a federal law that protects against sex and gender-based discrimination, sexual harassment, sexual assault, unprofessional or inappropriate conduct of a sexual nature, 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 unprofessional or inappropriate conduct of a sexual nature occurs in our community, the university can:

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

Beginning January 1, 2020, Texas Senate Bill 212 requires all employees of Texas universities, including faculty, report any information to the Title IX Office regarding sexual harassment, sexual assault, dating violence and stalking that is disclosed to them. Texas law requires that all employees who witness or receive any information of this type (including, but not limited to, writing assignments, class discussions, or one-on-one conversations) must be reported. **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 would like to speak with someone who can provide support or remedies without making an official report to the university, please email [advocate@utexas.edu](mailto:advocate@utexas.edu). For more information about reporting options and resources, visit <http://www.titleix.utexas.edu/>, contact the Title IX Office via email at [titleix@utexas.edu](mailto:titleix@utexas.edu), or call 512-471-0419.

Although graduate teaching and research assistants are not subject to Texas Senate Bill 212, they are still mandatory reporters under Federal Title IX laws and are required to report a wide range of behaviors we refer to as unprofessional or inappropriate conduct of a sexual nature, including the types of conduct covered under Texas Senate Bill 212. The Title IX office has developed supportive ways to respond to a survivor and compiled campus resources to support survivors.

## ***Emergency Evacuation Procedures***

The following recommendations regarding emergency evacuation from the Office of Campus Safety and Security, 512-471-5767, <http://www.utexas.edu/safety/>

## ***UNIVERSITY POLICIES***

### ***Academic Integrity***

Each student in the course is expected to abide by the University of Texas Honor Code: *“As a student of The University of Texas at Austin, I shall abide by the core values of the University*

and uphold academic integrity.” Plagiarism is taken very seriously at UT. Therefore, if you use words or ideas that are not your own (or that you have used in previous class), you must cite your sources. Otherwise you will be guilty of plagiarism and subject to academic disciplinary action, including failure of the course. You are encouraged to discuss assignments with classmates, but anything submitted must reflect your own, original work. If in doubt, ask the instructor.

**Students who violate University rules on academic dishonesty are subject to severe disciplinary penalties, such as automatically failing the course and potentially being dismissed from the University. \*\*PLEASE\*\* do not take the risk.** We are REQUIRED to automatically report any suspected case to central administration for investigation and disciplinary hearings. Honor code violations ultimately harm yourself as well as other students, and the integrity of the University, academic honesty is strictly enforced. You are responsible for understanding UT’s Academic Honesty and the University Honor Code which can be found at the following web address: <https://deanofstudents.utexas.edu/conduct/standardsofconduct.php>

### ***Coping with stress and personal hardships***

The [Counseling and Mental Health Center](#) offers a variety of services for students, including both individual counselling and [groups and classes](#), to provide support and assistance for anyone coping with difficult issues in their personal lives. As mentioned above, life brings unexpected surprises to all of us. If you are facing any personal difficulties in coping with challenges facing you, definitely consider the various services offered and do not be shy to take advantage of them if they might help. These services exist to be used.

### ***Q Drop Policy***

If you want to drop a class after the 12th class day, you’ll need to execute a Q drop before the Q-drop deadline, which typically occurs near the middle of the semester. Under Texas law, you are only allowed six Q drops while you are in college at any public Texas institution. For more information, see: <http://www.utexas.edu/ugs/csacc/academic/adddrop/qdrop>

### ***COVID-19 Updates: Fall 2020 Semester***

#### ***Safety and Class Participation/Mask:***

For every face-to-face university experience, we will all need to make some adjustments in order to benefit from in-person classroom interactions in a safe and healthy manner. Our best protections against spreading COVID-19 on campus are masks (defined as cloth face coverings) and staying home if you are showing symptoms. Therefore, for the benefit of everyone, this is means that all students are required to follow two important rules.

- **Every student must wear a cloth face covering properly in class and in all campus buildings at all times.**
- **Every student must engage in documented daily symptom screening.** This means that

each class day in which on campus activities occur, students must upload certification from the symptom tracking app and confirm that they completed their symptom screening for that day to Canvas. Students should not upload the results of that screening, just the certificate that they completed it. If the symptom tracking app recommends that the student isolate rather than coming to class, then students must not return to class until cleared by a medical professional.

If a student is not wearing a cloth face covering properly in the classroom (or any UT building), that student must leave the classroom (and building). If the student refuses to wear a cloth face covering, class will be dismissed for the remainder of the period, and the student will be subject to disciplinary action as set forth in the university's Institutional Rules/General Conduct 11-404(a)(3). Students who have a condition that precludes the wearing of a cloth face covering must follow the procedures for [obtaining an accommodation](https://orientation.utexas.edu/students-with-disabilities) (<https://orientation.utexas.edu/students-with-disabilities>)

### ***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. I am well aware of the sites used for sharing materials, and 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 in 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.

**INF385C : Human-Computer Interaction – Instructor: Dr. Jacek Gwizdka**  
**Course Schedule (tentative and subject to change)– Fall 2020 - online**

#	Date	Topic	Reading Assignment (unless marked otherwise, readings are <i>before</i> class)	In class activity (depend on the number of students in the class)	Assignments (due at beginning of a class, unless indicated otherwise)
1	Aug 27	Introductions. What is HCI/UX? Design lifecycle.	UX:1, 2. DN13:1 <i>for the next week</i>	introductions	HCI Background and your goals (not graded)
2	Sept 3	Project perspectives, Agile	UX:3,4,5		
3	Sept 10	Usage research, data elicitation & analysis	UX:7,8	1xAP P: discuss project teams	A1: Design Evaluation
4	Sept 17	Models to inform design, design requirements	UX:9,10	1xAP; 1xDC	P0. Teams
5	Sept 24	Design, ideation	UX:12,13,14	1xDC; 1xAP	P1. Topics
6	Oct 1	Conceptual design, interaction design	UX:15,16,17,18	1xDC; 1xAP	A2: Design Critique
7	Oct 8	Prototyping	UX:20	1xDC; 1xAP	P2. CI & A
8	Oct 15	Empirical Evaluation	UX:22,23,24	2xDC	
9	Oct 22	Analytic Evaluation, Data analysis	UX:25,26	1xDC	P3. Requirements & modeling
10	Oct 29	Affordances	UX:30	1xDC	
11	Nov 5	Interaction Cycle	UX:31	P: informal presentations	P4. Design
12	Nov 12	UX design guidelines	UX:32	2xDC	
13	Nov 19	UX design guidelines part 2	UX:32	2xDC	P5. Prototypes
14	Nov 26	<i>No classes - Thanksgiving Holidays</i>			
15	Dec 3	Project presentations			P6. Presentation & P7 Final Report and A3: Reflections

Readings from the textbook (Hartson & Pyla, (2016). *The UX Book, 2<sup>nd</sup>ed*) are marked **UX**; Other is marked as:

**DN13** are from Norman, D. (2013). *The Design of Everyday Things. Revised and Expanded Edition*. Basic Books.

DC – Design Critique | AP – Article presentation | P - Project-related