I310U : Introduction to User Experience Design
Syllabus – Spring 2021 online

Instructor: Dr. Jacek Gwizdka
Office: Zoom
Office Hours: Zoom **-** By appointment
Email: jacekg@utexas.edu   (please always include I310U in the email's subject)
> Note: direct email is the best way to contact your instructor and TA

TA: **Dr. Jin Huh**
Office: Zoom
Office Hours: By appointment via Zoom

Email: jinhuh@utexas.edu
(all course-related email should be sent to the TA and cc-ed to the course instructor)

Class meetings: Tuesdays 2pm:3:30pm and Thursdays 2pm-3:30pm

via Zoom: Available on Canvas
> Please do not share Zoom link with anyone outside this class.

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

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. When you are in a Zoom class meeting please be prepared to turn your **camera on** and to keep it on most of the time.

COURSE DESCRIPTION

This course will introduce you to user experience design foundations. You may be surprised to learn that this course is less about technology and software but more about humans. Humans are the technology users and without them there is no technology only penguins and icebergs. User experience design (UXD) is rooted in human psychology. Good understanding of design principles and guidelines and their effective application requires knowledge of their scientific underpinnings. Therefore, portion of the course will be devoted to theoretical topics and their implications on UXD. We will briefly review psychological theories of human cognition and perception. These theories serve an essential role in generative design, explanatory evaluation, and support the codification of knowledge.

One of my goals for this course is to help you realize that the importance of user-centered user experience design, and that the design is an ongoing process throughout the product life cycle and not something to be done at the last minute, when the "rest of the system" is already completed.

PEDAGOGICAL OBJECTIVES

At the end of this course you will:

- understand the main concepts in user experience design;
- understand the importance of user-centered perspective on UX design;
- understand the fundamentals of human perception and cognition and their implications for user experience and interaction design;
- understand the essential phases of user experience design cycle;
- understand and apply interaction design guidelines;
- identify the root causes for strengths and weaknesses of interfaces and provide suggestions of how to improve them;
- be knowledgeable about usability testing;
- and undertake further training in this area.

UNIVERSALITY AND BREADTH OF APPLICABILITY

The fundamental theories, 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 mobile apps, graphical user interfaces (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.

MY PERSONAL GOALS FOR YOU IN THE COURSE

In addition to content-specific objectives reflected by the topics in the course calendar, 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 that can be pursued beyond this course,
- to make you proud of your achievements in this course, and,
- hopefully, have a little fun in the process.

WARNING: Occasionally we get students with considerable experience in HCI/UX/Usability. You are still welcome to participate in this course, but be warned that this is an *introductory* course.

CLASS STRUCTURE

Class time will be split between lectures, reading discussions, in-class activities related to selected group assignments, and discussions of your submitted homework. The part of 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.

BOOKS

SK: Krug, Steve. (2017). Don't Make Me Think, Revisited, Instructor's Manual: A Common Sense Approach to Web Usability. New Riders. 3rd edition.

Publisher's book website: https://www.pearson.com/us/higher-education/product/Krug-Don-t-Make-Me-Think-Revisited-Instructor-s-Manual-A-Common-Sense-Approach-to-Web-Usability/9780134839431.html?tab=downloadable-resources

JJ: Johnson, J. (2020). Designing with the Mind in Mind: Simple Guide to Understanding User Interface Design Guidelines. Elsevier (3rd Edition).
Designing with the Mind in Mind book website

Available online at UT: https://www-sciencedirect-com.ezproxy.lib.utexas.edu/book/9780128182024/designing-with-the-mind-in-mind

DN: Norman, D. (2013). Design of Everyday Things: Revised and Expanded. New York: Basic Books.
Available online at UT:
http://site.ebrary.com.ezproxy.lib.utexas.edu/lib/utexas/detail.action?docID=10778063

OTHER REQUIRED READINGS

Additional articles or book chapters may be assigned for reading.

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 or videos 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

There are two main types of homework in this course, individual assignments and group assignments. One other type of homework are the reading assignments which are to be completed before each class meeting.

Submitting written homework and 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). Please do not submit links to documents hosted in a cloud. If you use, for example, Google documents to create your write up, please save it as Word or PDF and upload that exported file to Canvas. Assignments 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, and your group number. If you don't include all the required information your submission will be returned ungraded.

Please note: Students submissions in this course may be processed by TurnItIn, a tool that compares submitted material to an archived database of published work to check for potential plagiarism. Other methods may also be used to determine if a paper is the student's original work. Regardless of the results of any TurnItIn submission, the faculty member will make the final determination as to whether or not a paper has been plagiarized.

GRADING

Class participation (includes in-class activities, participation in discussions, etc.)		10%
Assignments (A1-A8: 4% each + A9: 8%)		40%
Group assignments (GA):		
	GA1	4%
	GA2	8%
	GA3	4%
	GA4	8%
	GA5	10%
	GA6	12%
	GA Presentation	4%
Group assignment total		50%

GRADING SCALE

- 94-100 (A)   90-93 (A-)
- 87-89 (B+)   84-86 (B)   80-83 (B-)
- 77-79 (C+)   74-76 (C)   70-73 (C-)
- 67-69 (D+)   64-66 (D)   60-63 (D-)
- 0-59 (F)

For *Pass/Fail*: please consult updated UT policies https://onestop.utexas.edu/faq-covid19/#acc_1-0 Please see also section on ***Q Drop Policy***.

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

PARTICIPATION

COVID-19 Update: We understand that pandemic may cause difficulties in our lives and stress. We aim to be accommodating and supportive. We do expect that all students will do their best they can under the circumstances to be present in online class meetings. If you are in the class, please participate in discussions and other activities.

COURSE POLICIES

Due dates and times for completing readings, uploading homework and project assignments

All homework and project assignments must be submitted before the beginning of class on the due date (unless otherwise indicated; the exact due dates and times are specified on Canvas). You should think of all due dates for assignments as firm. The tight schedule of deliverables throughout the whole semester makes it difficult to extend due dates. Any assignment that you do not hand in on time may be penalized in grading. If you (or your group) 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 and are *expected* to be present for all course-related activities. Beyond an occasional need to be absent from class for a good reason, you should plan to be in the class meetings.

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. Check materials on Canvas (including recorded lectures, lecture slides etc.), 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 want to contact instructor and TA and schedule a meeting to discuss. If you arrange such a meeting, please email us 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 and complete the class.

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 **I310U** 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

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/

COVID-19 Update: *If you have questions or concerns related to COVID-19.*

Please contact Behavior Concerns and COVID-19 Advice Line (BCCAL: https://besafe.utexas.edu/behavior-concerns-advice-line) at 512-232-5050 or submit behavior concerns (https://utexas-advocate.symplicity.com/care_report/) or COVID-19 questions online (https://deanofstudents.utexas.edu/secure/emergency/bccal.php).

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

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@austin.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@austin.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/

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

Please also consult the Plagiarism & Academic Honor Code document created by Prof. Matt Lease from iSchool at: http://bit.ly/UT_Academic_Honor_Code

*Please note***:** Students submissions in this course may be processed by TurnItIn, a tool that compares submitted material to an archived database of published work to check for potential plagiarism. Other methods may also be used to determine if a paper is the student's original work. Regardless of the results of any TurnItIn submission, the faculty member will make the final determination as to whether or not a paper has been plagiarized.

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

Note: the class drop policy may be modified during COVID-19 pandemic.

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.

I310U: Introduction to User Experience Design – Instructor: Dr. Jacek Gwizdka
Course Schedule (subject to change)– Spring 2021 - online

#	Date	Topic	Reading (readings *before* class)	In class activity	Assignments Assigned	Assignments Due
1	1-Jan 19	Introduction	SK: Read me first.	Introductions. Discussion		
	2-Jan 21	Intro to UX Design	SK1	Discussion.	A1	
Module II: Humans, Technology and Design Basics					
2	1-Jan 26	The psychology of human actions.	DN1	Discuss A1. Group Discussion.		A1
	2-Jan 28	Human action cycle	DN2		A2	
3	1-Feb 2	Humans on the Web. Web Use.	SK2	Discuss A2. Group Discussion.	A3	A2
	2-Feb 4	Web Design Basics	SK3	Discuss A3. Group Discussion.	A4	A3
4	1-Feb 9	Design: Naming	SK4	Discuss A4. Discussion.	A5	A4
	2-Feb 11	Navigation Design	SK6	Discuss A5. Discussion.	GA1	A5
5	1-Feb 16	Web design	SK7	Discuss GA1. Discussion.		GA1
	2-Feb 18			Group Work.	GA2	
Module III: Designing for human psychology					
6	1-Feb 23	Human Perception	JJ1	Discuss GA2. Discussion.		GA2
	2-Feb 25	Visual Structure - Gestalt principles	JJ2, JJ3	Discussion	A6	
7	1-Mar 2	Human Vision: color	JJ4	Discuss A6. Discussion		A6
	2-Mar 4	Peripheral vision	JJ5		A7	
8	1-Mar 9	Memory	JJ7, JJ9.	Discuss A6. Discussion		A7
	2-Mar 11	Attention	JJ8.	Discussion.		
	1-Mar 16 2-Mar 18	**Spring break!**				
9	1-Mar 23	Human errors?	DN5. JJ15.	Discussion.	A8	
	2-Mar 25			Discuss A8.		A8
Module IV: UX Design Process					
10	1-Mar 30	Designing for not-reading	SK5. JJ6.	Discussion.	GA3	
	2-Apr 1	Design process - Design Thinking	DN6. TBD.	Discuss GA3. Discussion.		GA3
11	1-Apr 6	Users	SK8.	Discussion.	Prepare GA4	
	2-Apr 8	Usage Research	TBD.	In class-exercise: interview for GA4	GA4	
12	1-Apr 13	Conceptual Design	TBD.	Discuss GA4. Discussion.		GA4
	2-Apr 15	Prototyping - Tutorial	TBD.	Prepare for GA5	GA5	
13	1-Apr 20	Evaluation 1 – empirical	SK9.	Discuss GA5. Discussion. Prepare for GA6-1		GA5
	2-Apr 22			GA6-1. (start in class)	GA6-1	
14	1-Apr 27	Evaluation 2 – analytical	TBD.	Discussion. Start GA6-2.	GA6-2	
	2-Apr 29			Discuss GA6	A9	GA6
15	1-May 4	**Finale**		Presentations. Discussion.		A9, GAP
	2-May 6					

Readings are from: **SK**: Krug, Steve. (2014). *Don't Make Me Think, Revisited. 3rd Ed*. **JJ**: Jeff Johnson. (2020). *Designing with the Mind in Mind. 3rd Ed*. **DN:** Norman, D. (2013). *The Design of Everyday Things. Revised and Expanded Edition*.

A – Individual assignment | GA – Group assignment | GAP – group presentation