



## INFO 7374 – Adv UX Design & Research [FALL 2024]

### Course Information

Course Title: ADV UX DESIGN & RESEARCH

Course Number: INFO 7374

Term and Year: FALL 2024

Credit Hour: 4.0

CRN: 13526

Course Format: On Ground

### Instructor Information

Full Name: NEERESH PADMANABHAN

Email Address: neereshp@northeastern.edu

Office Hours: [Click or tap here to enter text.](#)

### Instructor Biography

Neeresh is an engineer turned UX'er who is a senior UX design leader at an enterprise Automation company. Prior to that, he had roles leading UX in companies such as Amazon, Western Digital and EMC. Fun fact: He is also an ex-student of the IS program from one of the earliest batches at NEU!

### Teaching Assistant Information

Full Name: Anushka Mandloi

Email Address: mandloi.a@northeastern.edu

Office Hours: Weds 12-2pm PST | Thu 1-4pm PST

### Course Prerequisites

None

### Course Description

This course offers a hands-on, realistic overview of the skills and techniques used in the field of User Experience & Research.

You will learn how to hone in on real user needs & problems, obsess over user flows, and gauge scalability of your designs as you iterate through them. This course is fun and lab-based for the most part so get ready to solve real-world problems through projects!

### Course Learning Outcomes

This class will mostly have projects (lab sessions), and occasionally, guest lectures from design leaders in industry. This model permits and encourages continuous interactions in the class. During the lab sessions, students will engage in hands-on design and research activities under instructor supervision. The goal is for students to practice the art of breaking down business requirements into small manageable components, and iterate through them to create something useful.

**Required Tools and Course Textbooks.**

All software tools & instructions needed will be provided by the instructor

**Course Schedule/Topics Covered.**

Week	Date	In Class Topic	Assignment Due
1	09/04	Intro to UX Design	09/10
2	09/11	User flows & IA	09/17
3	09/18	Personas & Storyboarding	09/24
4	09/25	Guest lecture 1	10/1
5	10/2	Lo-fi designs	10/8
6	10/9	Lo-fi designs (cont'd)	10/15
7	10/16	Hi-Fi designs	10/22
8	10/23	Hi-Fi designs (cont'd)	10/29
9	10/30	UX prototyping	11/5
10	11/6	Guest lecture 2	11/12
11	11/13	User testing	11/19
12	11/20	User testing (cont'd)	11/26
13	11/27	Research report writing	12/3
14	12/4	Leading Innovations through UX	12/11
15	12/11	Final Exam	12/11

**Assignment Grading**

Please insert all assignment grades and weights for the course. Example below:

- Attendance – 10 %
- Assignments – 35%
- Lo-Fi check in – 10%
- Hi-Fi check in – 15 %
- Final Exam – 35%

**Grading Scale**

95-100% A	87-89.9% B+	77-79.9% C+	69.9% or below F
	84-86.9% B	74-76.9% C	
90-94.9% A-	80-83.9%B-	70-73.9% C-	

## Attendance/Late Work Policy

### Attendance Policy

Students registered in MGEN courses (INFO, CSYE, and DAMG) are allowed **a maximum of 2 absences per course, with 3 or more absences resulting in an automatic 'F' for that course.** Students are expected to inform their instructors of any absences in advance of the class; if a student is sick long-term or experiences a medical issue that prevents class attendance, it is strongly encouraged that they speak with their Academic Advisor ([coe-mgen-gradadvising@northeastern.edu](mailto:coe-mgen-gradadvising@northeastern.edu)) to learn more about the Medical Leave of Absence. Should a student anticipate being unable to attend 3 or more classes, they should discuss their situation with their Academic Advisor to explore other types of leave in accordance with the University's academic and global entry expectations. International students should review the Office of Global Services webpage to understand their visa compliance requirements.

Teaching Assistants (TAs) or Instructional Assistants (IAs) will be present at each class to collect student attendance.

### Late Work Policy

Students must submit assignments by the deadline in the time zone noted in the syllabus. Students must communicate with the faculty prior to the deadline if they anticipate work will be submitted late. Work submitted late without prior communication with faculty will not be graded.

## End-of-Course Evaluation Surveys

Your feedback regarding your educational experience in this class is particularly important to the College of Engineering. Your comments will make a difference in the future planning and presentation of our curriculum.

At the end of this course, please take the time to complete the evaluation survey at <https://neu.evaluationkit.com>. Your survey responses are **completely anonymous and confidential**. For courses 6 weeks in length or shorter, surveys will be open one week prior to the end of the courses; for courses greater than 6 weeks in length, surveys will be open for two weeks. An email will be sent to your Northeastern University Mail account notifying you when surveys are available.

## Academic Integrity

A commitment to the principles of academic integrity is essential to the mission of Northeastern University. The promotion of independent and original scholarship ensures that students derive the most from their educational experience and their pursuit of knowledge. Academic dishonesty violates the most fundamental values of an intellectual community and undermines the achievements of the entire University.

As members of the academic community, students must become familiar with their rights and responsibilities. In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, examinations of whatever kind, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Students are responsible for learning the conventions of documentation and acknowledgment of sources in their fields. Northeastern University expects students to complete all examinations, tests, papers, creative projects, and assignments of any kind

according to the highest ethical standards, as set forth either explicitly or implicitly in this Code or by the direction of instructors.

Go to <http://www.northeastern.edu/osccr/academic-integrity-policy/> to access the full academic integrity policy.

### **MGEN Student Feedback**

Students who would like to provide the MGEN unit with anonymous feedback on this particular course, Teaching Assistants, Instructional Assistants, professors, or to provide general feedback regarding their program, may do so using this survey: [https://neu.co1.qualtrics.com/jfe/form/SV\\_cTIAbH7ZRaaw0Ki](https://neu.co1.qualtrics.com/jfe/form/SV_cTIAbH7ZRaaw0Ki)

### **University Health and Counseling Services**

As a student enrolled in this course, you are fully responsible for assignments, work, and course materials as outlined in this syllabus and in the classroom. Over the course of the semester if you experience any health issues, please contact UHCS.

For more information, visit <https://www.northeastern.edu/uahcs>.

### **Student Accommodations**

Northeastern University and the Disability Resource Center (DRC) are committed to providing disability services that enable students who qualify under Section 504 of the Rehabilitation Act and the Americans with Disabilities Act Amendments Act (ADAAA) to participate fully in the activities of the university. To receive accommodations through the DRC, students must provide appropriate documentation that demonstrates a current substantially limiting disability.

For more information, visit <https://drc.sites.northeastern.edu>.

### **Library Services**

The Northeastern University Library is at the hub of campus intellectual life. Resources include over 900,000 print volumes, 206,500 e-books, and 70,225 electronic journals.

For more information and for education specific resources, visit <https://library.northeastern.edu>  
Network Campus Library Services: [Northeastern University Library Global Campus Portals](#)

### **24/7 Canvas Technical Help**

For immediate technical support for Canvas, call 617-373-4357 or email [help@northeastern.edu](mailto:help@northeastern.edu)

Canvas Student Resources: <https://canvas.northeastern.edu/student-resources/>

For assistance with my Northeastern e-mail, and basic technical support:

Visit ITS at <https://its.northeastern.edu>

Email: [help@northeastern.edu](mailto:help@northeastern.edu)

ITS Customer Service Desk: 617-373-4357

**Diversity and Inclusion**

Northeastern University is committed to equal opportunity, affirmative action, diversity, and social justice while building a climate of inclusion on and beyond campus. In the classroom, members of the University community work to cultivate an inclusive environment that denounces discrimination through innovation, collaboration, and an awareness of global perspectives on social justice.

Please visit <http://www.northeastern.edu/oidi/> for complete information on Diversity and Inclusion

**Title IX**

*Title IX of the Education Amendments of 1972 protects individuals from sex or gender-based discrimination, including discrimination based on gender-identity, in educational programs and activities that receive federal financial assistance.*

Northeastern's Title IX Policy prohibits Prohibited Offenses, which are defined as sexual harassment, sexual assault, relationship or domestic violence, and stalking. The Title IX Policy applies to the entire community, including male, female, transgender students, faculty, and staff.

In case of an emergency, please call 911.

Please visit <https://www.northeastern.edu/ouec> for a complete list of reporting options and resources both on- and off-campus.