DTX - HUMAN-CENTERED DESIGN & DESIGN THINKING

DTX Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/DTX/)

Courses

DTX 251 Introduction to Design Thinking credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/DTX/251/)
Provides a hands-on introduction to the fundamentals of Design Thinking and Human-Centered Design. Students review, analyze, and reflect on completed design challenges employing the human-centered design (HCD) approach. Students experience HCD while working collaboratively on a semester-long project. Students learn methods to perform initial research, project scoping, conduct interviews, create journey maps and wireframes, brainstorm and propose ideas, and plan for prototyping. Students also learn to implement and develop storytelling and critiquing skills.

DTX 252 Introduction to Prototyping credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/DTX/252/)
Design Thinking is a problem-solving approach that identifies the unmet needs of a population in order to iteratively develop solutions. Part of this process includes evaluating ideas with audiences in order to elicit feedback. The aim of this course is to introduce you to the purposes of prototyping along with methods of creating, communicating, and evaluating prototypes. During the course, you will be engaged in hands-on activities that facilitate your development of experimental and creative mindsets. Prerequisite: DTX 251, DTX 455, or permission by instructor.

DTX 455 Design for Social Impact credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/DTX/455/)
An immersive exploration of design thinking as a method for tackling social needs and issues. Social innovation seeks to impact transformational change in underserved, underrepresented, and disadvantaged local and international communities by addressing problems too complex to be solved by traditional methods. Students in this course will work in collaborative teams to employ the human-centered design process to discover and develop innovative solutions for social problems such as poverty, homelessness, hunger, and violence. 3 undergraduate hours. No graduate credit.

DTX 495 Special Topics in Design Thinking credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/DTX/495/)
Subject offerings of new and developing areas of knowledge in design thinking and human-centered design intended to augment the existing curriculum. 2 undergraduate hours. 2 graduate hours. May be repeated, if topics vary, in the same term to a maximum of 4 hours or in separate terms to a maximum of 8 hours.