

Calendar

 Timeline
  Assignments

Week	Assignments	Monday	Wednesday	Studio
Jan 3-7	A1 Needfinding (group) due next studio (Jan 13-14) Studio Preference Form due Wed, Jan 5 @ 5PM Student Conflict Form	Introduction (PPT) (Recording) Margaret Gould Stewart, "From techno-optimism to techno-realism: What it means to innovate responsibly"	Design Discovery (PPT) (Recording) Susan Adams, "4 Steps to Successful Brainstorming" Holtzblatt & Beyer, Contextual Design: Principles of Contextual Inquiry (Ch 3) d.school's Empathy Fieldguide Watch: ABC News Nightline IDEO Deep Dive, July 1999 (22 minutes) Optional: ABC News, 60 Minutes, IDEO Design Thinking, January 2013 (13 minutes) Optional: Holtzblatt & Beyer, Contextual Design, In: The Encyclopedia of Human-Computer Interaction, 2nd Ed.	Design Project 0
Jan 10-14	A2 POV, HMW, Experience Prototypes (group) due next studio (Jan 20-21)	Define (PPT) (Recording) Tips for Working Successfully in a Group by Randy Pausch The Discipline of Teams, by Katzenbach and Smith, Harvard Business Review "How to Survive a Critique: A Guide to Giving and Receiving Feedback" by Karen Cheng Listen: Invisible Women, 99% Invisible, Episode 363 (31 minutes)	Ideate (PPT) (Recording) Early Customer Research by Tom Eisenmann Excerpt from Oakley, et al. Coping with Hitchhikers and Couch Potatoes on Teams Watch: Working in Teams (0:56), Tina Seelig, Stanford Technology Ventures Program Watch: Team Composition (2:33), Kathleen M. Eisenhardt, Stanford Technology Ventures Program	A1 Presentation POV Development
Jan 17-21	A3 Website (group) Checkpoint due in studio Feb 10-11 due Wednesday Mar 2 Web Workshop Learn how to create your websites A4 Concept Video (group) due next studio (Jan 27-28)	MLK, Jr. Holiday (No Class)	Concept Videos (PPT) (Recording) Watch: Video Prototyping Examples Watch: Ways to Create Ecosystems (5:43), Sharon Vosmek, Astia Watch: Ways of Working (5:50), Sue Siegel, GE "Design critiques at Figma" by Noah Levin Optional Watch: Experience Prototypes Tutorial by Head TA Kristina Inouye (23 mins)	A2 Presentation Task Definition
Jan 24-28	A5 Low-fi Prototype and Test (group) due next studio (Feb 3-4) Figma Basics Workshop (Recording) Saturday, Jan. 29	Exploration (PPT) (Recording) Buxton's Sketching User Experience, pages 135-151 Getting the Right Design and the Design Right: Testing Many Is Better Than One by Tohid, Buxton, Baecher and Sellen	Early Stage Prototyping (PPT) (Recording) "Involving Customers with Iterative Design" (Ch 4) from The Design of Siles by van Duyne, Landay, and Hong "Making a Paper Prototype" (Ch 4) from Paper Prototyping by Carolyn Snyder Watch: The danger of a single story, Chimamanda Ngozi Adichie, TEDGlobal 2009	Watch & Critique Concept Videos Sketching & Storyboarding
Jan 31-Feb 4	A6 Medium-fi Prototype (group) due Monday Feb 14 Design Systems Workshop (Recording) Saturday, Feb. 5	CS147 Film Festival (PPT) (Recording)	Visual Information Design (PPT) (Recording) Watch Scott Klemmer's HCIOnline lectures: 6.1 Visual Design (7:37) 6.2 Typography (10:47) 6.3 Grids & Alignment (17:33)	A5 Presentation Sketching Activity Visual Design Exercise
Feb 7-11	Accessible Design Workshop (Recording) Saturday, Feb. 12	Designing the Future: Early and Future Visions of HCI (PPT) (Recording) As We May Think by Vannevar Bush Tools For Thought (Ch 9), Engelbart Demo Listen and Read: Of Mice and Men, 99% Invisible, Episode 149 (21 minutes)	Human Abilities (PPT) (Recording) "Cognitive Aspects in Interaction Design", pages 66-99 from Interaction Design, 3rd Edition by Rogers, Sharp, & Preece Listen: Wait Wait... Tell Me!, 99% Invisible, Episode 369 (36 minutes)	Midterm Review
Feb 14-18	A7 Heuristic Evaluation (individual) due by studio (Feb 17-18) A8 Hi-fi Prototype	Heuristic Evaluation (with in-class exercise) (PPT) (Recording) How to Conduct a Heuristic Evaluation by Jakob Nielsen	Conceptual Models and Interface Metaphors (PPT) (Recording) "The Psychology of Everyday Things" (Ch 1) from The Design of Everyday Things by Donald Norman	A9 Heuristic Evaluation due Friday Feb 18 @ 11:59pm

(group)

Midway due by studio week 9
(Mar 3-4)

Video demo due by Wed week
10 (Mar 9)

Complete due by studio week
10 (Mar 10-11)

Writeup due Sunday Mar 13

Midterm Review (Evening Thurs
2/17) (PPT) (Recording)

Feb 21-25	Presidents' Day (No Class)	Midterm	Project Group Work	
Feb 28- Mar 4	A10 Poster and Pitch Slide (group) Draft due Monday Mar 7 Final due Wednesday Mar 9	Usability Testing (PPT) (Recording) Optional: Inclusive Design Optional: "Disability Studies as a Source of Critical Inquiry for the Field of Assistive Technology"	Design Patterns (PPT) (Recording) The Design of Sites by van Duyne, Hong, & Landay: 1) "Making the Most of Web Design Patterns" (Ch 2) 2) "Up-Front Value Proposition" (Pattern C2) 3) "Process Funnel" (Pattern H1) 4) "Meaningful Error Messages" (Pattern K13)	A8 Presentation Project Group Work
Mar 7-11	Guest Q&A Tracy Chou (Stanford '09/'10), CEO at Black Party (Recording)	Smart Interfaces for Human- Centered AI (PPT) (Recording)	30-Second Pitch and Demo Practice Project Expo (PPT) from 5:30- 8:30PM PST	

Final Due Items

Students are required to attend the **project expo in the evening on Friday, March 11 (5-8:30 pm)**. **Final writeups are due Sunday, March 13 @ 11:59pm.**