|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week of (Mon)** | **Lecture Material (*Milestones*)** | | **Readings/Response** | **Deliverables** |
| **Monday** | **Wednesday** |
| **Sep 8** | Introduction  Quickie on Usability | Overview of Methods | [W] How to Design Usable Systems (Gould)  [W] Ch 11: Evaluation Technique (Dix) |  |
| **Sep 15** | Research Design 1 | Research Design 2  *Topic: begin gathering/reading literature* | [M] Methodology Matters (McGrath) | [M] Topic: Tentative topic statement due (title/partner/one descriptive paragraph/initial references)  [W] Project: Tentative project statement due (title/partner/one descriptive paragraph) |
| **Sep 22** | Quantitative Methods 1  *Topic: Continue gathering literature, writing, etc.*  *Project: Receive feedback; work on detailed description* | Quantitative Methods 2 (Keyboard study)  *Topic: Continue research and writing*  *Project: Work on 2nd problem statement* | [M] Dix: 11.3.1; 11.3.5  [M] Ch 4,5,6: User Interface Design (Eberts) |  |
| **Sep 29** | Quantitative Methods 3  *Topic: Continue research and writing*  *Project: Begin planning / preparing method, equipment and pilot* | Ethics  *Project: Begin detailed ethics application*  *Project: Receive feedback over the next few days; revise as needed* |  | [M] Project: Final problem statement  [W] Project: TCPS 2 CORE tutorial certification |
| **Oct 6** | Controlled Studies 1  *Project: Design and prepare pilot* | Controlled Studies 2  *Topic: Completing research and writing* |  |  |
| **Oct 13** |  | Controlled Studies 3  *Project: Run pilot* | [W] Ch 6: Usability Testing (Nielsen)  [W]User Observation (Gomol)  [W] Ch 11&12: Dumas & Redish |  |
| **Oct 20** | Think Aloud Usability | Student Lectures 1  *Project: Run pilot, begin analyzing data, begin write up* |  | [M] Topic: Final report including tutorial and presentation deck  [M] Project: Ethics application |
| **Oct 27** | Student Lectures 2 | Student Lectures 3 |  |  |
| **Nov 3** | Student Lectures 4 | Student Lectures 5  *Project: continue pilot/data analysis/interpretation write up* |  |  |
| **Nov 10** |  | Student Lectures 6 |  |  |
| **Nov 17** | Float  *Project: Data analysis complete, continue interpretation, presentation, and write-up* | Float |  |  |
| **Nov 24** | Usability Considered Harmful | Mini-Conference 1 |  | [T] Project presentation deck on student site |
| **Dec 1** | Mini-Conference 2 | Mini-Conference 3 |  | [W] Final report + archive due |