Due: Fall 2022 - CS 443/543 - User Interfaces - Anthony Hornof - 9/27/2022

**Projects & Deadlines**

### Week One
**Sept 27**

- **Chapter 28**
- **Chapter 29**

**Reading:**

- Chapter 28: "Usability Evaluation"
- Chapter 29: "Usability Evaluation"

**Projects:**

- Project 1: Warm-up Exercise
- Project 2: Initial Submission is Due
- Project 3: Final Submission is Due, P3 is assigned

### Week Two
**Oct 4**

- **Chapter 30**
- **Chapter 31:

**Reading:**

- Chapter 30: "Usability Evaluation"
- Chapter 31: "Usability Evaluation"

**Projects:**

- Project 4: Initial Submission is Due
- Project 5: Final Submission is Due

### Week Three
**Oct 11**

- **Chapter 32**
- **Chapter 33:

**Reading:**

- Chapter 32: "Usability Evaluation"
- Chapter 33: "Usability Evaluation"

**Projects:**

- Project 6: Warm-up Exercise
- Project 7: Initial Submission is Due
- Project 8: Final Submission is Due

### Week Four
**Oct 18**

- **Chapter 34**
- **Chapter 35:

**Reading:**

- Chapter 34: "Usability Evaluation"
- Chapter 35: "Usability Evaluation"

**Projects:**

- Project 9: Warm-up Exercise
- Project 10: Initial Submission is Due
- Project 11: Final Submission is Due

### Week Five
**Oct 25**

- **Chapter 36**
- **Chapter 37:

**Reading:**

- Chapter 36: "Usability Evaluation"
- Chapter 37: "Usability Evaluation"

**Projects:**

- Project 12: Warm-up Exercise
- Project 13: Initial Submission is Due
- Project 14: Final Submission is Due

### Week Six
**Nov 1**

- **Chapter 38**
- **Chapter 39:

**Reading:**

- Chapter 38: "Usability Evaluation"
- Chapter 39: "Usability Evaluation"

**Projects:**

- Project 15: Warm-up Exercise
- Project 16: Initial Submission is Due
- Project 17: Final Submission is Due

### Week Seven
**Nov 8**

- **Chapter 40**
- **Chapter 41:

**Reading:**

- Chapter 40: "Usability Evaluation"
- Chapter 41: "Usability Evaluation"

**Projects:**

- Project 18: Warm-up Exercise
- Project 19: Initial Submission is Due
- Project 20: Final Submission is Due

### Week Eight
**Nov 15**

- **Chapter 42**
- **Chapter 43:

**Reading:**

- Chapter 42: "Usability Evaluation"
- Chapter 43: "Usability Evaluation"

**Projects:**

- Project 21: Warm-up Exercise
- Project 22: Initial Submission is Due
- Project 23: Final Submission is Due

### Week Nine
**Nov 22**

- **Chapter 44**
- **Chapter 45:

**Reading:**

- Chapter 44: "Usability Evaluation"
- Chapter 45: "Usability Evaluation"

**Projects:**

- Project 24: Warm-up Exercise
- Project 25: Initial Submission is Due
- Project 26: Final Submission is Due

### Week Ten
**Dec 1**

- **Chapter 46**
- **Chapter 47:

**Reading:**

- Chapter 46: "Usability Evaluation"
- Chapter 47: "Usability Evaluation"

**Projects:**

- Project 27: Warm-up Exercise
- Project 28: Initial Submission is Due
- Project 29: Final Submission is Due

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**Main Point of the Lecture**

This computer exercise does little to differentiate you from other computer science majors, it will focus on human-centered design, and the cognitive strategies (the procedural knowledge) that people use to accomplish tasks on a computer.

**In-Class Activities**

- Chapter 30: "Usability Evaluation"
- Chapter 31: "Usability Evaluation"

**Projects:**

- Project 4: Initial Submission is Due
- Project 5: Final Submission is Due

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**Project 1: Warm-up Exercise**

### Overview of Usability (ROU) 

- **Chapter 32**
- **Chapter 33:

**Reading:**

- Chapter 32: "Usability Evaluation"
- Chapter 33: "Usability Evaluation"

**Projects:**

- Project 6: Warm-up Exercise
- Project 7: Initial Submission is Due
- Project 8: Final Submission is Due

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**Project 2: Initial Submission is Due**

### Information Design - Oct 13

- **Chapter 34**
- **Chapter 35:

**Reading:**

- Chapter 34: "Usability Evaluation"
- Chapter 35: "Usability Evaluation"

**Projects:**

- Project 9: Warm-up Exercise
- Project 10: Initial Submission is Due
- Project 11: Final Submission is Due

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**Project 3: Final Submission is Due**

### Scenario-Based Design - OCT 20

- **Chapter 36**
- **Chapter 37:

**Reading:**

- Chapter 36: "Usability Evaluation"
- Chapter 37: "Usability Evaluation"

**Projects:**

- Project 12: Warm-up Exercise
- Project 13: Initial Submission is Due
- Project 14: Final Submission is Due

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**Project 4: Initial Submission is Due**

### Interaction Design - OCT 27

- **Chapter 38**
- **Chapter 39:

**Reading:**

- Chapter 38: "Usability Evaluation"
- Chapter 39: "Usability Evaluation"

**Projects:**

- Project 15: Warm-up Exercise
- Project 16: Initial Submission is Due
- Project 17: Final Submission is Due

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**Project 5: Final Submission is Due**

### Design - Nov 3

- **Chapter 40**
- **Chapter 41:

**Reading:**

- Chapter 40: "Usability Evaluation"
- Chapter 41: "Usability Evaluation"

**Projects:**

- Project 18: Warm-up Exercise
- Project 19: Initial Submission is Due
- Project 20: Final Submission is Due

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**Project 6: Initial Submission is Due**

### Information Processing - Nov 10

- **Chapter 42**
- **Chapter 43:

**Reading:**

- Chapter 42: "Usability Evaluation"
- Chapter 43: "Usability Evaluation"

**Projects:**

- Project 21: Warm-up Exercise
- Project 22: Initial Submission is Due
- Project 23: Final Submission is Due

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**Project 7: Initial Submission is Due**

### Design - Nov 24

- **Chapter 44**
- **Chapter 45:

**Reading:**

- Chapter 44: "Usability Evaluation"
- Chapter 45: "Usability Evaluation"

**Projects:**

- Project 24: Warm-up Exercise
- Project 25: Initial Submission is Due
- Project 26: Final Submission is Due

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**Project 8: Initial Submission is Due**

### Final Exam

- **Chapter 46**
- **Chapter 47:

**Reading:**

- Chapter 46: "Usability Evaluation"
- Chapter 47: "Usability Evaluation"

**Projects:**

- Project 27: Warm-up Exercise
- Project 28: Initial Submission is Due
- Project 29: Final Submission is Due

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**Main Point of the Lecture**

This computer exercise does little to differentiate you from other computer science majors, it will focus on human-centered design, and the cognitive strategies (the procedural knowledge) that people use to accomplish tasks on a computer. You are now the person that needs to know how to answer the questions that are related to the current project. In other words, to present the user with the task information that they need, the user and communication and control protocols that they need, at the same time the user needs them, so that the user can execute task-specific and easy-to-learn procedures, and accomplish tasks. This is much easier said than done.

**In-Class Activities**

- Chapter 30: "Usability Evaluation"
- Chapter 31: "Usability Evaluation"

**Projects:**

- Project 4: Initial Submission is Due
- Project 5: Final Submission is Due