Objectives
The primary objective of this course is to provide students with psychological research experience through project-based learning. Students will be introduced to the areas of psycholinguistics, educational technology, and artificial intelligence. Students will leave the course with knowledge of the psychological research methodologies that are used to develop language modules in computer systems that promote learning. Students will acquire knowledge of graduate and industry level research through lectures, class discussions, course readings, and participation in a research project.

Required Text


Mandatory Course Requirements
- Attend weekly class meetings, Tuesdays 2:00-2:50 & Thursdays 2:00 – 4:45 Clough 123.
- Attend your respective project meetings.
- Read all assigned material.
- Meet all project and reporting deadlines. Failure to meet deadlines is a very serious matter and will not be tolerated. If you cannot meet a deadline, you need to let Dr. Person know as soon as possible.
- Stay familiar with the progress of other members of your research team as well as with the overall project.
- Check email at least once a day. This is vital to the success of each project because email is the only form of communication that is timely, reliable, and practical for research that involves multiple individuals and institutions.

Evaluation
In addition to quiz performance, students will be evaluated on their ability to make worthy contributions to the overall project, to attend all class and project meetings, to communicate regularly and effectively with others involved in the project, and to write an informative research paper of the assigned project. A student who participates in the research proactively, attends meetings as scheduled, communicates through the proper channels, and completes project work and the final paper will successfully complete the course. Each of these evaluative components will be weighted accordingly:

- Quizzes (10 total) 20% (20 points each)
- Team member evaluation 10%
- Class attendance & participation 10%
- Weekly presentations & project updates 20%
- Final project presentation 20%
- Final paper 20%

Course Requirements
1. **Quizzes.** There will be weekly quizzes on chapters in the Carroll textbook. Each quiz will include 10 multiple-choice questions. Quizzes will be taken at the beginning of the class period on Tuesdays; therefore, it is important that you are on time. If you miss or are considerably late for a quiz (regardless of the reason), you will not be given a make-up quiz.
2. **Team member evaluation.** To ensure that each team member makes equitable contributions to the project, each team member will be formally evaluated by the other team members. The anonymity of the evaluators will be protected.

3. **Class participation & attendance.** The success of our class and research projects depends on each student: (1) doing the reading assignments and project assignments, (2) showing up to classes and meetings on time, and (3) paying attention and providing feedback to classmates and research team members. Students who fail to show up for class generally earn low grades in this course. If you miss class it is your responsibility to contact a classmate, not the professor, to find out what you missed.

4. **Weekly presentations & project updates.** Each Thursday, each team will make a brief PowerPoint presentation (approximately 20 to 30 minutes) to the class. In this presentation, team members will present a thorough overview of their assigned reading for the week and/or provide an update of their research project. The presentations should be organized and rehearsed and all team members should participate in the presentation. Team members will receive the same grade for the presentation.

5. **Final Project Presentation.** At the end of the semester, each team will present their final project to the class and the psychology faculty. The presentations will be done in PowerPoint and should be formal and professional (this means you should rehearse). Team members will receive the same grade for the presentation.

6. **Final paper.** Each student will write a research paper that describes her or his research project. Each paper is limited to 4000 words and must be written and referenced in APA style. This word limit does not include the title page or reference section.

**Additional Requirements**

1. **Written work.** All written work must be typed (double-spaced), proofread, saved on some external memory device, and printed on a printer with adequate toner. You will be penalized for excessive grammatical, spelling, and formatting mistakes. The final paper must be in APA format.

2. **Honor code.** All students are required to read the Honor Code. The constitution of the Honor Code is provided in the Student Handbook. The following will be considered violations of the Honor Code: (1) copying/using the work of other or previous students (cheating), (2) consulting old tests from my or other professors’ classes, (3) failing to properly reference published work, (4) lying in official matters, and (5) stealing.

3. **Late work.** I expect you to make deadlines. I hate late work.
## Tentative Schedule of Events, Assignments, and Deadlines

<table>
<thead>
<tr>
<th>Date</th>
<th>Assignment</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>T 8/30</td>
<td>Chapter 1 (Carroll)</td>
<td>Quiz 1; Team Assignments &amp; Project Descriptions</td>
</tr>
<tr>
<td>R 9/1</td>
<td>Nofsinger book</td>
<td>Individual Chapter Presentations</td>
</tr>
<tr>
<td>T 9/6</td>
<td>Chapter 2 (Carroll)</td>
<td>Quiz 2</td>
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