About the Course
Students will apply computational tools to curate, analyze, and produce a variety of research products from text, video, and audio language data. Students will explore data management, transcription, annotation, orthography creation, lexicography and sound analysis tools.

Prerequisites
LING 3070

Attendance Policy
Three unexcused absences or more will result in your grade being lowered by one letter grade.

Grading Policy
Course assignments and grades for 4130 students
1. Readings response (10%)
2. Aligning audio with video and transcription (20%)
3. Enriching FLEX with pictures and sound (20%)
4. PRAAT analysis (20%)
5. Archive research (20%)
6. Participation (10%)

Course assignments and grades for 5360 students
1. Readings response (10%)
2. Aligning audio with video and transcription (20%)
3. Enriching FLEX with pictures and sound (20%)
4. PRAAT analysis (20%)
5. Presentation and paper of specific lexicographical challenges with data (30%)

Makeup/Late Assignment Policy
You must have your presentations ready as scheduled.

Academic Dishonesty
Please refer to the following website for the UNT policy on academic dishonesty: http://www.vpaa.unt.edu/academic-integrity.htm. For this class you are allowed to work with others your assignments. You must appropriately attribute their contributions.

---

“The University of North Texas is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.”
<table>
<thead>
<tr>
<th>When</th>
<th>Topic</th>
<th>Read</th>
<th>Submit/Prepare for class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1 Jan 18</td>
<td>Introduction to Language Documentation and Linguistic Fieldwork</td>
<td>Austin and Sallabank, selected chapters; Bowern Chapters 1-5</td>
<td>Start working on Assignment 1</td>
</tr>
<tr>
<td>MLK Day (no classes)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 2 Jan 25</td>
<td>Audio and Video Technology: making quality recordings, principles of the signal chain, how each step affects the recording, environmental issues, developing an ear for the fidelity of the signal, theory of microphone polar patterns</td>
<td></td>
<td>Will Reiman guest lecture. Please make sure to arrive at least 5 minutes before class begins for equipment set up.</td>
</tr>
<tr>
<td>Week 3 Feb 1</td>
<td>File naming conventions; SayMore part 1; File backing up; archiving versus backing up; metadata, session logs, participant tracking, cataloging IRB forms, metadata for photographs and maps, linking data</td>
<td>Complete readings assigned in Week 1</td>
<td>Readings responses due. Will Reiman guest lecture.</td>
</tr>
<tr>
<td>Week 4 Feb 8</td>
<td>Language Documentation and Linguistic Fieldwork products: Descriptive Grammars; Text Collections; Dictionaries</td>
<td></td>
<td>Discuss answers to discussion questions from Assignment 1. Willem de Reuse guest lecture, examples of these products. Discussion of fieldwork and analysis it takes to arrive at these products.</td>
</tr>
<tr>
<td>Week 5 Feb 15</td>
<td>Lexicography: FLEX, keeping track of files, SayMore again, Audacity</td>
<td>Frawley et al., selections</td>
<td>Aligning audio with video and transcription (20%) instructions handed out. Students sign up for time in LingLab for use of dedicated computer.</td>
</tr>
<tr>
<td>Week 6 Feb 27</td>
<td>FLEX Part 1: Associating sound files with entries in FLEX</td>
<td>Morgan guide</td>
<td></td>
</tr>
<tr>
<td>Week 7 Feb 29</td>
<td>FLEX Part 2: FLEX for text annotation; glossing conventions; Developing Initial, intermediate, refined analyses</td>
<td>CdR 11</td>
<td></td>
</tr>
<tr>
<td>Week 8 March 7</td>
<td>Back to Lexicography: headwords, secondary entries, ordering senses, part of speech information, example sentences, illustrations</td>
<td>Frawley et al., selections</td>
<td>Assignment Aligning audio with video and transcription due</td>
</tr>
<tr>
<td>Week 9 March 14-20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 10 March 21</td>
<td>PRAAT, Part 1</td>
<td></td>
<td>Assignment on FLEX due</td>
</tr>
<tr>
<td>Week 11 March 28</td>
<td>PRAAT, Part 2</td>
<td></td>
<td>Assignment on PRAAT due</td>
</tr>
<tr>
<td>Week 12 April 4</td>
<td>ELAN, Part 1</td>
<td></td>
<td>Assignment on PRAAT due</td>
</tr>
<tr>
<td>Week 13 April 11</td>
<td>ELAN, SayMore, YouTube dissemination, Mukurtu, language websites and portals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 14 April 18</td>
<td>Language Archives, metadata</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week 15 April 25</td>
<td>Preparing files for archiving, archive usability, shape of the database</td>
<td></td>
<td>Assignment Archive research due</td>
</tr>
<tr>
<td>May 2</td>
<td>Digitizing tapes</td>
<td></td>
<td>Assignment Archive research due</td>
</tr>
<tr>
<td>May 7-13 Finals</td>
<td>Final presentations</td>
<td></td>
<td>Assignment Archive research due</td>
</tr>
</tbody>
</table>