Instructor
Dr. Jay Fenwick
107-E CAP Bldg.
262-2708; jbf@cs.appstate.edu
Office Hours: M:11-12, T:9-2, W:11-1, F:11-1

Meeting Sessions
Mon/Wed/Fri
1-2:50 pm in 243 CAP
Mon
3-6pm in 439 CAP

Description
Techniques for the translation of programming languages into machine or assembly language. Each student will participate in the writing of a compiler. Lecture three hours, laboratory three hours. Prerequisites: CS 3482 and 3490.

Texts

Academic Integrity
Unless specifically indicated, all assignments are expected to be completed by each student individually. Violations will be handled as specified in the ASU Academic Integrity Policy.

Evaluation

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Intro</td>
<td>5%</td>
</tr>
<tr>
<td>Project Lexer</td>
<td>10%</td>
</tr>
<tr>
<td>Project Parser</td>
<td>19%</td>
</tr>
<tr>
<td>Test: Lexing and Parsing</td>
<td>15%</td>
</tr>
<tr>
<td>Project TreeBuilder</td>
<td>12%</td>
</tr>
<tr>
<td>Project TypeChecker</td>
<td>12%</td>
</tr>
<tr>
<td>Project CodeGenerator</td>
<td>12%</td>
</tr>
<tr>
<td>Final: Written (cumulative)</td>
<td>15%</td>
</tr>
</tbody>
</table>

Attendance is expected. The project has difficult moments. In the past, we’ve even left lecture and gone to the lab to work on some part of the project.

People with special attendance-related issues, such as military or athletic, must speak with instructor in advance.

Grading Scale

A    = [93-100]    A-  = [90-93]
C+   = [77-80]     C   = [73-77]    C-  = [70-73]