CS 4630/5630 - Programming Language Translation
Fall 2005

Instructor
Dr. Jay Fenwick
107-E CAP Bldg.
262-2708; jbf@cs.appstate.edu
Office Hours: Mon:10-11, Tue:9-1, Wed:10-11, Thu:9-1

Meeting Sessions
Mon/Wed/Fri 1-2:50 pm in 444 CAP
Mon

Office Hours: Mon:10-11, Tue:9-1, Wed:10-11, Thu:9-1 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.

Student Initiative Expectations
I expect each student to take an active part in their own learning. My role is to direct, guide, and assist you as you learn. In addition, I'll provide feedback on your progress.

Specifically, I expect you to attend class, be prepared for class, perform assignments on time, ask questions when you do not understand, work on long-term assignments throughout the assigned period and not all at once at the end. I will be prepared for class, suggest course appropriate learning topics, and provide assignment feedback within one week.

Evaluation

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>One-Minute™ Assessments</td>
<td>10%</td>
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<tr>
<td>MiniJava Project</td>
<td>40%</td>
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<tr>
<td>Support Projects</td>
<td>15%</td>
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<tr>
<td>Test: Parsing</td>
<td>15%</td>
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<tr>
<td>Test: Advanced Topics</td>
<td>10%</td>
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<tr>
<td>Final: Presentation</td>
<td>10%</td>
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Attendance is expected.

One-Minute™ Assessments can be thought of like quizzes. I’m interested in your development as a compiler guru, of course, since you’re in this class! But I’m also interested in your development as a student and person. We’ll set some class and personal goals, discuss how to measure progress towards these goals, and then assess this progress regularly. More details are forthcoming.

Grading Scale

A = [93-100]  A- = [90-93]
C+ = [78-80]   C = [72-78]  C- = [70-72]