Meeting Time: 2:00 - 3:15 P.M., Monday and Wednesday
Meeting Location: Austin 302

URL: http://www.cs.ecu.edu/~rws/c5220/

Instructor: Dr. Ronnie W. Smith
Email: rws@cs.ecu.edu
Office: Sci-Tech C-117
Phone: 328-9687
Office Hours:
Mondays  10:00 – 10:30 A.M., 1:15 – 1:45 P.M. and 3:30 – 4:30 P.M.
Tuesdays  10:00 – 10:30 A.M.
Wednesdays 10:00 – 10:30 A.M., 1:15 – 1:45 P.M. and 3:30 – 4:30 P.M.
Fridays  8:15 – 8:45 A.M.
(or by appointment)

Course Goals
1. To introduce students to formal techniques in automatic language translation.
2. To enable students to gain proficiency in creating language translators.

Prerequisites
(Undergraduate) CSCI 2410 and CSCI 3675.
(Graduate) CSCI 4627 or consent of the instructor.

Text (required)

Evaluation Criteria
Project - 50% (Described in more detail below)
Midterms - 25% (February 18 and March 30, dates subject to change)
Final Exam – 25%, May 1, 2:00 – 4:30 P.M.

Project
The primary means by which a student can demonstrate his or her mastery of this subject matter is by successful implementation of a compiler. The project will be assigned in 3 stages, and the stages are cumulative. That is, you must complete stage 1 before being able to complete stage 2, and stage 2 must be completed before completing the final stage and the overall project. A formal description of this project will be handed out at some point in January. The milestone deadlines for completing the stages of the project are the following:

Stage 1  February 16
Stage 2  March 23
Stage 3  April 27 (the last day of classes)
**Grading Scale**

An absolute grading scale has not been set, but you can be assured of at least the following:

<table>
<thead>
<tr>
<th>Final Average (x)</th>
<th>Grade will be at least</th>
</tr>
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<tbody>
<tr>
<td>( x \geq 92 )</td>
<td>A</td>
</tr>
<tr>
<td>( 85 \leq x &lt; 92 )</td>
<td>B</td>
</tr>
<tr>
<td>( 75 \leq x &lt; 85 )</td>
<td>C</td>
</tr>
</tbody>
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**Late Work**

No late assignments will be accepted without an official excused absence. Assignments are due at the start of class unless otherwise noted. The deadline for stage 3 of the project is **firm**. No late submissions of the completed project will be accepted. The deadlines for the first two stages are not absolute. I will allow a one week grace period, but be advised that falling behind at the start severely lessens the probability that you will complete the project and achieve a satisfactory outcome in the course. If you are more than one week late with the first two stages, you will receive a 0 for that part of the project and I will not evaluate it.

**Ethics**

Computer professionals are bound by a strong code of ethics. It is a violation of that code of ethics to hand in all or part of someone else's work as your own. Such a violation will be handled in a manner consistent with official university policy.

**Hints for Success**

1. Keep up with the reading.
2. Think about questions posed in class.
3. Review lecture notes within 24 hours of class.
4. Spend time daily on your project.
5. Take advantage of my office hours.

**University Mandated Syllabus Information**

The university requests that we include information in each syllabus on retention requirements, student conduct, weather emergencies, and ADA compliance. This information is available on a separate page provided in the online syllabus at the course web site.