Instructor: Dr. C. Kim, DEH 253, 325-4281, ckim@ou.edu.
Class Meetings: MW 1:30PM – 2:45PM, CEC 441.
Office Hours: MW 3PM – 4PM.
Prerequisites: CS 3823 (Theory of Computation).
Course Content: The course covers fundamentals of compiling techniques. Specific topics include lexical analysis, syntax analysis, syntax-directed translation, type checking, run-time environments, (intermediate) code generation, and code optimization.
Student Activities:
- Homework Assignments (20 %)
- Programming Assignments (20 %)
- Midterm Exam (25 %)
- Final Exam (35 %)
Remarks:
1. Students are required to attend all class meetings.
2. Assignments must be submitted on due dates in class.
3. Any student who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible so we can discuss accommodations necessary to ensure full participation and facilitate your educational opportunities.
4. By the end of the semester, students are expected to increase their ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs, and their ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices (CAC Outcomes: c, j).
5. On-line evaluation of this course can be done at http://eval.ou.edu.