Instructor: Dr. C. Kim, DEH 253, 325-4281, ckim@ou.edu.
Class Meetings: MWF 12:30PM – 1:20PM, SEC M204.
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 %)

ABET Student Outcomes to be addressed
• C: An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs
• J: An 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

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.