CSCE 531 Spring 2008
Beginning of Course Questionnaire
Monday 08-01-14

The bulletin description of this course is: 531-Compiler Construction. (3) (Prereq: CSCE 330 or 355, CSCE 245) Techniques for design and implementation of compilers, including lexical analysis, parsing, syntax-directed translation, and symbol table management.

1. What do you expect to learn from this course? **Answers**: Preparation for Q exam; how compilers how constructed; how does a compiler work; how to change a compiler; the theory and practice of compiler writing; how to write more efficient programs; semantics of programming languages; syntax of programming languages;

2. The bulletin description of CSCE 330 is: 330-Programming Language Structures. (3) (Prereq: CSCE 245) Formal specification of syntax and semantics; structure of algorithms; list processing and string manipulation languages; statement types, control structures, and interfacing procedures. Did you take CSCE 330? If yes, what was your grade? If not, are a graduate student? Did you take a similar course?

3. The bulletin description of CSCE 355 is: 355-Foundations of Computation. (3) (Prereq: CSCE 211, 212, 350) Basic theoretical principles of computing as modeled by formal languages, grammars, and machines; computability and computational complexity. Major credit may not be received for both CSCE 355 and CSCE 551.

4. Did you take CSCE 355 or CSCE 551? If yes, what was your grade? If not, are you a graduate student? Did you take a similar course?

5. The bulletin description of CSCE 245 is: 245-Object-Oriented Programming Techniques. (3) (Prereq: grade of C or higher in CSCE 146) Advanced object-oriented concepts and techniques; multiple inheritance; memory management; operator overloading; polymorphism; performance issues. Did you take CSCE 245? If yes, what was your grade? If not, are a graduate student? Did you take a similar course?

6. Did you take CSCE 350 or CSCE 750? If yes, what was your grade?

7. Define *undirected graph*.

8. What is a binary search tree?

9. If p is false and q is true, $p \Rightarrow q$ is false. True or false? **Answer:** 2 students did not answer (or answered something other than true or false); of the other 21 students, 11 answered correctly, while 10 answered incorrectly.

General comments: Did not expect Java; why not Lisp?