This is the introductory course in Computer Science. The focus is on developing algorithmic problem-solving skills and a basic facility with the C++ programming language. It will seem like C++ is the focus, but it’s not!

**Textbook:** *Introduction to Programming with C++,* Y. Daniel Liang. There are multiple editions of this book, all are good and many are cheap as used books. Get one you can afford.

**Professor:** Dean Kelley, 229 Wissink, 389-3238, office hours tba.

**Teaching Assistant(s):** Maggie Engelhart, Alex Keeler, Sehee Sun, and Cody Beumer TRE-315, hours tba.

**Course website:** accessible from krypton.mnsu.edu/~an5239ke/public/welcome.html

**Prerequisites:** The official prerequisite is Math 112 (college algebra) or an equivalent course elsewhere.

**Coursework** will consist of lab activities, programming assignments, and exams. Everything will have due dates (or exam times) and your work must be completed on time. **No exceptions!**

**Grading:** The usual 90-80-70-60% scale will be used. All the points are in one bucket, the lab activities will amount to 10% of the total points, the programming assignments about 45% and the exams the remaining 45%. You’ve got to do well on everything to do well in the course.

**Class:** The class consists of both lecture and labs. Labs meet on Thursday for 2 hours in TRE-315. Each lab (except possibly the first) will have a collection of programming-oriented activities which you have to satisfactorily complete to get credit for the lab. Lectures meet MWF. I write a LOT of stuff on the board. You should take copious notes...you’ll want them. You can’t get through this course by only reading the textbook. Only about half of the course content comes from the textbook, but that half is extremely well done in this textbook. Hopefully the other half will be well done by your instructor. Bring your notes to the labs.

**Individual effort:** There aren’t any group projects in this course. Don’t make me look at group projects in this course because you’ll find it as painful as I do!!

This course covers a huge collection of stuff. In the most recent edition of the book, this material is in Chapters 1-6, parts of 7, part or all of 8, some of 9, 12 and a small portion of a couple of chapters in Part 3. We do lots of mathematically-oriented stuff. If you can keep up with the pace (you probably can) you definitely won’t be bored!!