1. Aug 26  Review of Syllabus and Pictures
2. Aug 28  Propositions and Predicates Chapter 1
3. Sep  2  Equivalence Transformations Chapter 2
4. Sep  4  Natural Deduction Chapter 3
5. Sep  9
6. Sep 11
7. Sep 16
8. Sep 18
9. Sep 23  Review for Exam
10. Sep 25 Exam #1
11. Sep 30 Predicates Chapter 4
12. Oct  2
13. Oct  7
14. Oct  9
15. Oct 14
16. Oct 16 Arrays Chapter 5
17. Oct 21 Assertions Chapter 6
18. Oct 23 Weakest Precondition Chapter 7
19. Oct 28 Review
20. Oct 30 Exam #2
21. Nov  4 Skip, Abort, Composition Chapter 8
22. Nov  6 Assignment Chapter 9
23. Nov 11
24. Nov 13 Alternative Chapter 10
25. Nov 18 Iteration Chapter 11
26. Nov 20
27. Nov 25 Goal Oriented Programming Chapter 14
28. Nov 27 Thanksgiving
29. Dec  2 Developing Invariants Chapter 16
30. Dec  4 Review

Final Exam: Tuesday, December 16th 8:00-10:00 AM.
Course Objectives
The primary objective of this course is to train you to think logically about programs. At the end of the course you should be able to construct program proofs, reason precisely about programs, and construct logical arguments of a general nature. These skills will permit you to construct better, more reliable programs, and to detect bugs more easily.

Grading
Exam 1  20%
Exam 2  20%
Final Exam  25%
Homework  25%
Quizzes  10%

Attendance
You are expected to attend every class.

You are responsible for all material given in class, even if it isn’t in the book. If you miss class, it is your responsibility to obtain the missed material from another student. Lecture material will not be repeated.

Six cuts equals an F. If you’re smart, you won’t even get close to this.

DO NOT COME LATE!

DO NOT LEAVE EARLY!

Cell Phones
Turn it off. If it rings, DON’T ANSWER IT!

Seating
Sit wherever you want. I will take your picture at the beginning of the semester and print the pictures on my class roll. If you’re present, I’ll know it, if you’re not, I’ll know that too.

Class Participation
You are expected to read the material before class and be able to discuss it and answer questions in class. Failure to participate in class discussion, in particular answering questions in a way that makes it clear that you have not read the material, will result in loss of points for the “Quizzes” portion of your grade.

Homework
Do it. Do it all. Do it yourself.
Do extra homework even if it wasn’t assigned.
I don’t care if you have an IQ of 256. If you don’t do the homework, you won’t pass the tests.
Quizzes
Tuesday is quiz day. Come prepared. Quizzes may be cumulative.

Wait a minute …

*Today* is Tuesday.

Here’s your quiz.

Three men who came to a hotel where there was only one vacant room. The desk clerk told them that there were three beds in the room, and if they wanted to rent it together the price would be $30. The men agreed, and each paid $10. Later that evening the desk clerk discovered that he had overcharged the men and the price of the room was actually only $25. He sent the bell boy up to the room with a refund of five one-dollar bills. Since it was impossible to divide $5 three ways and have it come out even, the men agreed to take one dollar each and give the two remaining dollars to the bell boy. A bit later, one of the men who fancied himself to be good at figures said, “We’ve been ripped off!” He explained it thus. “After the refund we each paid $9, that’s $27 total. If we add the $2 for the bell boy, that gives us only $29.”

What happened to the other dollar?