

Instructor:	Patrick Troy															
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Email:	troy AT uic DOT edu															
Office Hours:	10:00 – 1:00 Friday, or by appointment															
Lecture Times:	12:00 – 12:50 M 304 SH 11:00 - 12:15 T,Th 304 SH Call #: 10641															
Texts:	<ul style="list-style-type: none"> • <u>Foundations of Computer Science C Edition</u>, by Aho & Ullman, W.F. Freeman Publ, ISBN: 1-7167-8284-7 															
Assignments:	<table> <tr> <td>Programming Projects ,</td> <td>(About 5 Projects, 5</td> <td>50 %</td> </tr> <tr> <td>Homeworks</td> <td>Homeworks)</td> <td></td> </tr> <tr> <td>Quizzes</td> <td>(About 2-3)</td> <td>20 %</td> </tr> <tr> <td>Midterm Exam</td> <td>Th: 10/16/14 in lecture</td> <td>15 %</td> </tr> <tr> <td>Final</td> <td>TBA: Tues 12/9 @ 8am</td> <td>15 %</td> </tr> </table>	Programming Projects ,	(About 5 Projects, 5	50 %	Homeworks	Homeworks)		Quizzes	(About 2-3)	20 %	Midterm Exam	Th: 10/16/14 in lecture	15 %	Final	TBA: Tues 12/9 @ 8am	15 %
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URL:	http://www.cs.uic.edu/CS201															
Prerequisite:	Math 180; and a grade of C or better in (CS 102 or CS 107)															
Catalog Description:	Lists, stacks, queues, sets, hash tables, introduction to trees and graphs. Algorithm correctness and complexity, inductive proofs, logic. Programming projects.															

If you have any questions regarding how any assignment or test is graded and you think that you deserve more points than you received, you must see the instructor about this within one week of the time the assignment is first returned to the class. No claims, justifiable or not, will be considered after this dead line.

Attendance at class is up to the discretion of each student; however, each student is responsible for all information (notes, hand-outs, announcements, etc.) covered during class. You should ask fellow classmates for missed information, not the instructor or the TA.

No "extra" work is allowed to make up for poor performance. Any student caught cheating will receive an F in the course, and face possible dismissal from the University. Students are advised that it is a violation to copy, or allow another to copy, all or part of an exam or program. No incompletes will be given for poor performance in the course. We will be using MOSS to electronically monitor all program submissions.

The prerequisite for this course should have covered basic programming concepts. This course uses C but if your prereq used another language, you just have some C syntax to learn. All programming projects must be written in good programming style.

Because of SPAM, when sending email please include "CS 201" in the subject.

Programming Projects will be accepted late with the following penalties.

- One Day Late: 10% Penalty
- Two Days Late: 20% Penalty
- Three Days Late: 40% Penalty
- Four Days Late: 80% Penalty
- Five Days Late: 160% Penalty (I.E. A grade of zero will be given.)

This only applies to Programming Projects.

Schedule

The schedule shown below should be considered a working list and will likely change.

	Week	Topic	Chapter in Texts
1	8/25	C Programming and Pointers	Chapter 1
2	9/1	C Structures and Lists	Chapter 6
3	9/8	Data Structures - Stacks & Queues	Chapter 6
4	9/15	Logic and Proofs	Chapter 2
5	9/22	Induction	Chapter 2
6	9/29	Linked Lists	Chapter 6
7	10/6	Algorithm Analysis	Chapter 3
8	10/13	Algorithm Analysis, Midterm on Thurs.	Chapter 3
9	10/20	Recursion	Chapter 2
10	10/27	Sets	Chapter 7
11	11/3	Hashing and Hash Tables	Chapter 7
12	11/10	Propositional Logic	Chapter 12
13	11/17	Propositional Logic	Chapter 12
14	11/24	Predicate Logic	Chapter 14
15	12/1	Trees and Graphs	Chapter 5 & 7
16	12/8	Final Exam	Final tentatively scheduled for Tuesday, December 9 th from 8-10am