

Instructor:	Patrick Troy	Nasim Mobasheri
Office:	1216 SEO	1218 SEO
Phone:	??? - (312) 996-8521	????
Email:	troy AT uic DOT edu	nmobas2 AT uic DOT edu
Office Hours:	2:00 – 3:15 Thursday or by appointment	
Lecture Times:	10:00 - 10:50 Monday	BSB 250 Call #: 34861
Lab Times:	10:00 - 11:50 Monday SES 205B 12:00 - 1:50 Monday SES 205B 2:00 - 3:50 Monday SES 205B 4:00 - 5:50 Monday SES 205B 10:00 - 11:50 Monday SEL 2263 12:00 - 1:50 Monday SEL 2263 2:00 - 3:50 Monday SEL 2263 4:00 - 5:50 Monday SEL 2263 10:00 - 11:50 Wednesday SEL 2263 12:00 - 1:50 Wednesday SEL 2263	
Texts:	<ul style="list-style-type: none"> • <u>Understanding and Using C Pointers</u>, by Richard Reese, O'Reilly Media, Inc., ISBN-13: 978-1-4493-4418-4 • <u>Practical C++ Programming</u>, 2nd Ed. by Steve Oualline, O'Reilly Media, Inc., ISBN-13: 978-0-596-00419-4 	
Assignments:	Programming Projects (7 at 5% each) 35 % Lab Exercises (14 at 2.5% each) 35 % Code Reviews (13 at 0.5% each) 6.5 % Exam 1 10/26 in Lecture 10 % Exam 2 TBA: 12/14 15 %	
Grading:	101.5% - 90.0% Grade A 89.9% - 80.0% Grade B 79.9% - 70.0% Grade C 69.9% - 60.0% Grade D 59.9% - 0% Grade F	
URL:	http://www.cs.uic.edu/CS211	
Catalog Description:	Software development tools and practices; debugging and testing; advanced language features; standard libraries; code management.	
Prerequisite:	Grade of C or better in CS 141 (CS 102)	

The exams for the class will have you write code related items using pencil and paper. The first exam will occur during the lecture time. The second exam will occur during the final exam period.

The programming projects will be given out every other week during the Lecture on Friday and are due by 11:59 pm on the Wednesday 12 days later. Each programming project will count for 5% of the final grade. **Late programming projects will be allowed for this course with the following penalty:**

1 day late	10% late penalty
2 days late	30% late penalty
3 days late	60% late penalty
4 days late	100% late penalty

The lab exercises will be given out during each lab. Students will have ~90 minutes to complete and turn them in during that lab. Each lab exercise will count for 2.5% of the final grade. **No late lab exercises will be allowed for this course. You must attend lab to get credit for the lab exercise.**

During the lab periods, students should also take part in Code Reviews. Code Reviews will have the students divide into groups of 2 or 3 students. The members of the group can change from week to week. One student will present his/her code from a recent (or current) programming project to the other members of the group. The other members are to provide comments and feedback on the code presented. Each student must present code on at least 3 occasions to earn full marks. Each code review is worth 0.5% of the final grade. Code Reviews will be submitted via Blackboard and must be submitted by 11:59pm on a Thursday when a Lab Exercise is given. Only one submission to Blackboard from each group is required.

The course will be divided into 3 parts:

1. C Pointers
2. Tools and Techniques
3. Object Oriented Programming

C Pointers will include the use of pass-by-address parameters, dynamic arrays, and linked lists. **Tools and Techniques** will include the use of debuggers, version control, recursion, test case development and command line interfaces. **Object Oriented Programming** will include the creation of classes in the C++ programming language. Each section will last about the same amount of time. The Tools and Techniques portion will get intermixed among the other 2 parts.

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 lecture 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. Attendance in lab is required to receive credit for the lab exercises.

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.

Because of SPAM, when sending email please include "CS 211" in the subject. Also note that sending email from your netID@uic.edu account is also less likely to get caught by the Spam filter. For this reason, sending email from your UIC email account is highly encouraged.