

## COURSE INFORMATION

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**Course Title:** C# and the .NET Framework

**Lectures:** M,W 2:00 – 3:50 P.M. in McCullough 115

**Units:** 3 units

**Grading:** Graded or CR/NC option. A course average equivalent to a C- is required in order to receive credit when taking the course CR/NC.

**Instructor: Dr. Robert Plummer**

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Office: Gates 178 (ground floor, B wing)  
Office hours: After class, or by appointment  
Office phone: 723-4350

**TAs: Hector Chan**

Email: [chanhp@stanford.edu](mailto:chanhp@stanford.edu)  
Office: TBA  
Office hours: TBA  
Office phone: TBA

**Newsgroup: [su.class.cs193n](mailto:su.class.cs193n)**

Students can post questions on the newsgroup, and they should be answered within 24 hours.

**Sections**

There is no discussion section for this class.

**Stanford Online**

This course will be available on Stanford Online and broadcast (channel to be announced).

**Prerequisites**

The prerequisite for this class is programming experience in an object-oriented language.

**Textbook**

There is no text for this course. Links to online reference materials maybe found on the class website. If you would like a hard-copy reference manual for the language C#, print out Chapter 8 of ECMA Standard 334 (see website). Some good reference books will be suggested in class.

**Handouts**

Assignments and supplemental materials will be given as handouts distributed in class. Back-issues of handouts will be available in the handout folders in the lobby around the corner from Bob's office.

They are also available electronically (via the class web site), so if you miss a handout in class, you can print your own copy. SITN students should pick up handouts from the web site and print them prior to class.

### **Web site**

Our class web site is at <http://cs193n.stanford.edu> . In addition to handouts, you can download assignment files, check out the current syllabus, and get general course information. Be sure to take advantage of this resource. Important course announcements will be posted on the Web site periodically, so you should check the site every few days.

### **Email**

Registered students will automatically be placed on the class e-mail list. We will use this list from time to time for important course announcements. Be sure that your email address is listed with Stanford.

### **Hardware and Software**

As in any programming course, the assignments in CS193N require extensive hands-on use of a computer. The only platform supported is the PC. It will not be possible to do the assignments on a Macintosh or a UNIX box.

The required software for program development is Microsoft Visual Studio.Net 2005. The Computer Science Department subscribes to the Microsoft Academic Alliance, which enables us to distribute free copies of Visual Studio to students enrolled in class. Details on obtaining a copy will be announced in class.

### **Programs**

There will be four programming assignments. You will submit your work electronically -- more details on that later. You are allowed to use pair programming in this class if you wish. See handout #2 for an explanation.

### **Exams**

Depending on the class participation and how well students perform on the programming assignments, we may decide to cancel the “Intra-Quarter Quiz”; otherwise it is scheduled for Wednesday, July 25, in class. If you have an unavoidable conflict, send me e-mail by July 16 in order to schedule an alternate time. The final is scheduled for Friday, August 17, 12:15 – 3:15 pm. Please note: all students except those with unavoidable academic conflicts are expected to take the exams at the scheduled times. Make your plans accordingly! The quiz and final will be open-book/open-note examinations, but you are not allowed to use a computer of any kind. Bay Area SCPD students should take the exams on campus—let us know if you have conflicts.

### **Grading**

Your final grade will be computed as follows:

Programs	60%
Quiz	10%

Final 30%

## Late Policy

The pace of this course will make it difficult to catch up if you have fallen behind, so, late assignments are very much discouraged. Because each of you will probably come upon some time during the quarter when enough work piles up that you need a little extra time, when you have a minor illness or an extra-curricular activity, or when you encounter hardware problems, every student begins the quarter with two free “late days.” To avoid any ambiguity, a “day” is defined as a calendar day (not a class day as in CS106). After your late days for the quarter are exhausted, programs will be assessed a late penalty of one *minor* grade level per late day used (an **A-** turns into a **B+**, and so forth). Late days are valuable, and it pays to keep some around for the end of the quarter.

You should make every effort not to take more than two late days during the quarter. Being consistently late can easily cost you a letter grade in the course. Students often underestimate the effect of being late and fail to realize that there is a domino effect: being late on one assignment means you are automatically behind schedule on the next one.

In special circumstances (such as extended medical problems or other emergencies), extensions may be granted beyond the two late days. All extension requests must be directed to Hector Chan ([chanhp@stanford.edu](mailto:chanhp@stanford.edu)) no later than 24 hours before the program is originally due. Only Hector is authorized to approve extensions.

## Honor Code

Although you are encouraged to discuss ideas with others, your programs are to be completed independently and must be your own, original work, or the work of you and your partner if you pair program. Whenever you obtain significant outside help (from other students, the TAs, etc.) you should acknowledge this in your program write-up, e.g. “The idea for how to make the ListView control sort by columns came from a discussion with Hector.” You can never get in Honor Code trouble if the help is properly credited.

The final thing we need to mention is that the Department of Computer Science uses screening software to compare student submissions. This software is very sophisticated and highly effective, and we use it to identify submissions that need to be scrutinized further by course staff. Using software of this type is common practice at many universities, and it has proved to be an effective deterrent to improper collaboration.

Programming is something you learn by doing. If you copy someone else's work, you can expect the following:

- You will not learn what the assignment was meant to teach you.
- You will do poorly on the quiz and/or final.
- Your copied work will be sent to Judicial Affairs.

Having said all that, we should direct your attention to Handout #2, which discusses Pair Programming. Working in pairs means that you will be doing all your work in legal collaboration with another student.