

CSCI 293 - C# Fall 2005

**Department of Computer Science and Quantitative Methods
College of Business Administration
Winthrop University**

Class Time: Mondays 3:30-4:45
Instructor: R. Stephen Dannelly, PhD
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Email: dannellys@winthrop.edu
Office Hours: Monday through Thursday 10:00am to noon and 1:00pm to 2:30pm
also available by appointment

Course Description

This is a one-credit-hour course.

The purpose of this course is to introduce students to key concepts supported by the C# programming language. Class time and programming assignments will concentrate on using C# to solve a range of problems. Students are expected to be able to learn C#'s syntax on their own. Two primary topics include advanced object-oriented techniques (such as inheritance and polymorphism) and creating interfaces using the .net platform. Students will spend substantial time outside of class developing software in the Microsoft Development Environment.

Course Objectives

After completing this course, the student will:

- understand the strengths and weaknesses of the C# programming language
- be an effective C# programmer
- be very familiar with the .net platform and be able to develop basic interfaces
- be an expert in advanced object-oriented concepts

Text

Programming C#
by Jesse Liberty
O'Reilly Media, Inc.

Grading Policy

Programming Assignments: 75%
Final Exam: 25%

Letter grades will be based on a 10-point scale.

Late assignments will lose 10 points for every 12 hours that they are submitted late.

Attendance Policy

Weekly programming assignments and Final Exam material will be based on class lectures and discussions. Not all lecture material will come from the textbook. Hence, it will be extremely difficult to successfully complete the course without coming to class.

COLLEGE OF BUSINESS EXPECTATIONS REGARDING PROFESSIONALISM IN THE CLASSROOM

The College of Business Administration is a professional organization with a well-defined and widely disseminated mission of student development. Accordingly, each class represents a gathering of professionals and professionals-in-training. The instructor's job as a professional is to deliver quality instruction in each class, to start and end each class on time, to be responsive to student perspectives, issues and questions, and to treat each student respectfully. The student's job, as a professional-in-training is to be prepared for class, to be on time, to attend all classes, and to be respectful of others in the classroom.

In accordance with and pursuant to these roles the following guidelines were established to specify to students (both present and prospective) faculty expectations regarding their behaviors

1. **Students will attend all class meetings.** There are no automatically "excused" absences. In the event that you will be unable to attend a class session, you should inform your professor in advance as a matter of professional courtesy just as you would/should with an employer.
2. **Students will arrive in advance of the beginning of the class session.** Late arrivals are disruptive, inconsiderate and unprofessional. Professors may make arrangements for delinquents, but are not obliged to do so. Those not present at the beginning of the classroom period will be considered absent.
3. **Students will not converse among themselves during class except when instructed to do so.** When a student creates a disturbance in the classroom, instructors will either ask the student to desist immediately or speak to the student at the conclusion of class. Repeat offenders will be sanctioned.
4. **Students will not leave class before its conclusion.** Early departures are disruptive, inconsiderate and unprofessional. Professors may make arrangements under some circumstance, but are not obliged to do so. Those not present at the conclusion of the classroom session will be considered absent.
5. **Students will have procured textbook/materials prior to the first class.** Instruction will begin with the first class meeting and consume the remainder of the class period.

STUDENTS WITH DISABILITIES

Winthrop University is dedicated to providing access to education. If you have a disability and need accommodations, please contact Gena Smith, Coordinator, Services for Students with Disabilities, at 323-3290, as soon as possible. Once you have your Professor Notification Form, please tell me so that I am aware of your accommodations well before the first exam.

Tentative Schedule
C# - Fall 2005

<u>Date</u>	<u>Lecture Topic</u>	<u>Text Reading</u>
Aug 29	Course Overview, Hello World	1, 2
Sept 5	C# Basics	3
Sept 12	Basics of Classes	4
Sept 19	Advanced Class Concepts	5
Sept 26	Data Types	7, 9, 10
Oct 3	Interfaces	8
Oct 10	Exception Handling	11
Oct 17	Fall Break	
Oct 24	Event Handling	12
Oct 31	GUI Building	13
Nov 7	" "	
Nov 14	Linking to Access	14
Nov 21	Threads and Streams	20, 21
Nov 28	Misc Topics	
Dec 5	Wrap Up and Review	

3:00pm -- Wednesday December 7 -- Final Exam