

Pellissippi State Community College
Master Syllabus

C# PROGRAMMING
CSIT 2630

Class Hours: 3.0
Laboratory Hours: 3.0
Credit Hours: 4.0
Revised: July 22, 2011

Instructor:
Office:
Phone:
E-Mail:

Catalog Course Description:

A study of object oriented programming through the use and practical application of the C# language. Topics include classes, objects, methods, GUI programming, graphics, databases, XML, Web pages and Internet.

Entry Level Standards:

The entering student must be familiar with one programming language. A working knowledge of logic design and problem solving is also essential.

Prerequisites: One programming language.

Textbook and Other Reference Materials:

Starting out with Visual C# 2010 By: Tony Gaddis, Addison Wesley, 2011. IBN#12:978-0-13-216545-7

I. WEEK / UNIT / TOPIC BASIS:

<u>Week</u>	<u>Topic</u>
1	Chapter 1,2,3: Introduction to C# .NET, C# User Interface Design.
2	Chapter 3, Data Conversions, Lab Work
3	Chapter 4, Radio Buttons, Check Box, Lab Work
4	TEST, Chapter 5, Exceptions, MessageBox
5	Lab Work
6	Chapter 6, Methods, Menu
7	Chapter 7, Arrays
8	Lab Work
9	Chapter 8, String Processing in C#
10	TEST
11	Chapter 9, Classes, Multiform
12	Chapter 10, Inheritance & Polymorphism, Lab Work
13	Chapter 11, Accessing Database Files
14	Additional Topics, Student's presentations
15	Final Exam Period

II. COURSE GOALS* :

The Course will:

- A. Use applications software, operating systems and/or system-based products. II,IV
- B. Effectively use computer language, to produce code and output that meet specified requirements. II,III,IV,V
- C. Use equipment and resources that are up-to-date and real-world and that represent current trends in the employment field. II
- D. Upgrade and develop skills that can be measured by real-world training standards as established by national tests, state standards, institutional goals, and employers I,II,III
- E. Express ideas and facts in written and verbal communications and work independently or as a team member. I, II, III

*Roman numerals after course objectives reference goals of the CSIT program (Career Program Goals and General Education Goals are listed http://www.pstcc.edu/departments/curriculum_and_instruction/syllabi/)

III. EXPECTED STUDENT LEARNING OUTCOME* :

Students will

- 1. Use terminology associated with the computer system and computer language compilers.(A,B)
- 2. Understand computer program design and the C# language development environment.(A,B,C)
- 3. Demonstrate knowledge of Object-Oriented design and implementation principles.(A,B)
- 4. Use C# tools to create a well-documented application based on client input or industry research.(A,B,C)
- 5. Use professionally accepted methods and materials in completion of applications. (A,B,C,D)
- 6. Practice elements of the work ethic such as punctuality, professionalism, dependability, cooperation, and contribution. (A,D,E)
- 7. Demonstrate the ability to work effectively both individually and as part of a group to produce programs that produce correct results as well as being attractive, readable, and modifiable.(A,B,C,D,E)

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above

IV. EVALUATION:

- A. **Testing Procedures:** At least 50% of grade
A minimum of three major tests is recommended. Tests will cover material presented in class. Tests are not to be missed without a valid excuse.
- B. **Laboratory Expectations:** Maximum 40% of grade
Several lab assignments will be given and must be completed and handed in at the designated date and time. Student will receive grade of F if no lab is submitted.
- C. **Field Work:** N/A.
- D. **Other Evaluation Methods:** 10% of a grade
Students will work on a final project as a team. The team will design and code a program, and will present their findings to the class. The subject of the project must be approved by the instructor. Individual work is strongly discouraged.

E. Grading Scale:	
93 – 100	A
88 – 92	B+
83 – 87	B
78 – 82	C+
73 – 77	C
65 – 72	D
Below 65	F

V. POLICIES:

A. Attendance Policy: Pellissippi State Community College expects students to attend all scheduled instructional activities. As a minimum, students in all courses must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. (*Pellissippi State Online Catalog*)

Maintaining continuous attendance in your classes is very important. If you are considering dropping or withdrawing from a course, please check with the Financial Aid Office before doing so. Dropping or withdrawing from a class can adversely affect your financial aid and/or lottery eligibility.

B. Academic Dishonesty: Plagiarism, cheating and other forms of academic dishonesty are prohibited. A student guilty of academic misconduct, either directly or indirectly through participation or assistance, is immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions that may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination or to assign an F in the course. (*Pellissippi State Online Catalog*)

C. Computer Usage Guidelines: College-owned or –operated computing resources are provided for use by students of Pellissippi State. All students are responsible for the usage of Pellissippi State's computing resources in an effective, efficient, ethical and lawful manner. (*Pellissippi State Online Catalog*)

D. Accommodation for Disabilities: Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins127 or 132,134,135 or by phone: 539-7153 (Voice/TTY 694-6429) . More information is available at www.pstcc.edu/departments/swd/.

E. Other: Students are expected to promptly attend all lecture and lab classes as assigned. If a class is missed, student must make up all work and get notes and/or handouts.