PROGRAMMING IN C#
INFS 173
3 Credit Hours

Course Information

Course Description:

PROGRAMMING IN C# (3 credits) An introduction to Microsoft C#. Topics to be covered include: Object-Oriented Programming, interface design, controls, decisions, creating menus and dialog boxes, looping, arrays and accessing database files.

Course Objectives:

Upon successful completion of this course, students will have demonstrated the ability to:
1. Identify C# components.
2. Understand Object-Oriented Programming
3. Organize application development.
4. Design and create forms.
5. Build Menus
6. Program using decision statements and loops
7. Follow C# application development steps.
8. Code Global, Module, and Form level events, procedures, variables, and constants.
9. Identify C# data handling.
10. Use the Debug Tool
11. Develop menu item, Help button, and context sensitive Help

Prerequisites and Co-requisites:

Because this is an online course in computer programming, it is important for the student to:

- Have completed a basic computer literacy course (e.g., CIS100, BIT1150) or receive permission of instructor
- Work well independently
- Be self-motivated
- Be computer savvy and feel VERY comfortable getting around on the computer
- Have the ability to troubleshoot their own computer problems
- Any computer programming experience is helpful but not necessary

If you are unsure if this online course is for you, please contact your instructor.

Course Topics:

The following topics will be covered in this course:

- Course Introduction
- The C# Interface
- Variables, Constants and Calculations
- Decision Making
- The IDE Debugger
- Menus, Subprocedures and Functions
- Creating Object-Oriented Programs
- Lists, Looping and Printing
- Arrays
- Accessing Database Files
- Saving Data and Objects In Files

* Students should complete each core unit prior to moving to the next unit.

Specific Course Requirements:

Because this course material covers the C# programming language, it is will be important for the student to have access to a computer which has the appropriate version of Microsoft C#.

Textbooks, Supplementary Materials, Hardware and Software Requirements

Required Textbooks:

Please visit the Virtual Bookstore to obtain textbook information for this course: http://rodp.bkstr.com

Supplementary Materials:

None

Hardware Requirements:

The minimum requirements can be found at
http://www.tn.regentsdegrees.org/students/hardware_software.htm.

Specific hardware requirements for this course include:

1. Pentium 450MHz or faster
2. Windows 2000 or higher
3. 128 Megabytes of RAM or more
4. Windows 2000 or later
5. 56K modem or better connection
6. A dependable internet service provider (ISP)

Software Requirements:

The minimum requirements can be found at
http://www.tn.regentsdegrees.org/students/hardware_software.htm.

Specific software requirements for this course include:

1. **Microsoft C#.NET** (a full version of C#.NET is bundled with the textbook). Your computer must have Windows 2000 or higher to run this software.
2. **Internet Explorer** (version 5.0 or higher) or Netscape Navigator (earlier than version 6.0) (free)

Instructor Information

Please see the separate page inside the course to find instructor contact information as well as a statement of virtual office hours and other communication information.

Assessment and Grading

Testing / Grading Procedures:

Testing Procedures:

All exams will either be "take-home" projects, or, computer-based exams that may require you to take the exam at a designated location, or with an approved proctor. For more information, please contact your instructor. **Grading Procedure:** Assessment of course goals is accomplished through two methods. The first is by written examinations and quizzes. These exams and quizzes-- which cover lecture material, class discussion, textbook reading material and programming assignments and possibly other outside reading material--can include fill-in-the-blank, multiple choice and/or short answer questions. Although writing skills are not assessed directly, the student's ability to present ideas in an orderly manner and the ability to write clear and comprehensible statements affect the instructor's decision about the student's level of achievement. The second method is by computer assignments that the student is required to perform outside regular class time. These skills demonstrate if the student has grasped the material in such a fashion that he or she can perform the necessary tasks on the computer.

The final grade will be based upon the following:

Participation	25%
Midterm	20%
Final	20%
Assignments	35%

EXAMS
There will be two tests: a midterm and a final. The lowest score on exams is NOT dropped. If you know in advance that you will be absent the day of a scheduled exam, you need to make arrangements with me as soon as possible. If you miss an exam because of illness or an emergency, you must contact me within one week of the scheduled exam date.. You can contact me by email or telephone. Failure to do so will result in a grade of zero for that exam. Any properly documented excuse will result in the student taking a makeup exam during a mutually agreed upon time with the instructor. Any student who misses the final exam due to illness or an emergency will be given an "I" if they meet the necessary conditions for

an incomplete (see "GRADING SCALE" and must take the exam the following semester.

PROGRAMMING ASSIGNMENTS
Computer assignments may be turned in anytime up to and including the date due. Any assignment turned in after the due date will be subject to a late penalty. Late computer assignments will lose 25 percent for every day late (24 hours) unless the student has a properly documented explanation for the lateness (i.e. doctor's note).

Assignments will not be accepted late due to a problem with your computer or disk. Even though an overdue computer assignment may be late, all assignments MUST be completed and turned in by the last regular day of class otherwise a course grade of "F" may be assigned.

Grading Scale:

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
< 60	F

The mark of 'I' (incomplete) indicates that the student has not completed the requirements for a course during the semester for some unavoidable reason that is acceptable to his instructor . . . The mark of 'I' will not be given unless the instructor is reasonably sure that it is possible for the student to complete the requirements for the course during the subsequent semester and receive a grade of 'D' or better. If the 'I' is not completed by one week before the first day of final exams for the next semester, the 'I' will convert to an 'F'. Students must have completed at least 75% of the course material before a request of an Incomplete will be considered.

Assignments and Participation

Assignments and Projects:

A sequenced list of assignments and projects can be found in "Calendar of Assignments" document.

Class Participation:

Students must participate in all interactive aspects of the course if interaction is part of the course design. Students are expected to communicate with other students and participate actively in all aspects on the course. Students must check the course bulletin board frequently for announcements, and students must actively participate in threaded discussion events in addition to using the chat room to communicate with other students.

Punctuality:

All assignments must be turned in prior to, or, on the date due. Any assignment turned in after the due

date will be subject to a late penalty. Late assignments will lose 25 percent for every day late (24 hours) unless the student has a properly documented explanation for the lateness (e.g., a doctor's note). Assignments will not be accepted late due to a problem with your computer. Even though an overdue computer assignment may be late, all assignments MUST be completed and turned in by the last regular day of class otherwise a course grade of "F" may be assigned.

Course Ground Rules

Students are expected to:

1. Participate actively in the course
2. Communicate with other students and instructor on a regular basis (at least once per week)
3. Become comfortable with WebCT as an online course tool
4. Keep abreast of course announcements
5. Use the assigned college or university WebCT e-mail address as opposed a personal e-mail address
6. Address technical problems immediately by notifying the instructor or appropriate technical resource
7. Observe course netiquette at all times.

Guidelines for Communications

Email:

- Always include a subject line.
- Remember without facial expressions some comments may be taken the wrong way. Be careful in wording your emails. Use of emoticons might be helpful in some cases.
- Use standard fonts.
- Do not send large attachments without permission.
- Special formatting such as centering, audio messages, tables, html, etc. should be avoided unless necessary to complete an assignment or other communication.
- Respect the privacy of other class members

Discussion Groups:

- Review the discussion threads thoroughly before entering the discussion. Be a lurker then a discussant.
- Try to maintain threads by using the "Reply" button rather starting a new topic.
- Do not make insulting or inflammatory statements to other members of the discussion group. Be respectful of others ideas.
- Be patient and read the comments of other group members thoroughly before entering your remarks.
- Be cooperative with group leaders in completing assigned tasks.
- Be positive and constructive in group discussions.
- Respond in a thoughtful and timely manner.
- More information is available in this link to discussion guidelines.

Chat:

Chat is seldom used in RODP. If for some reason it is opened:

- Introduce yourself to the other learners in the chat session.
- Be polite. Choose your words carefully. Do not use derogatory statements.
- Be concise in responding to others in the chat session.
- Be prepared to open the chat session at the scheduled time.
- Be constructive in your comments and suggestion

Web Resources:

- Columbia Guide to Online Style by Janice R. Walker and Todd Taylor
- Citation Styles Online http://www.bedfordstmartins.com/online/cite6.html

Library

The Tennessee Virtual Library is available to all students enrolled in the Regents Degree Program. Links to library materials (such as electronic journals, databases, interlibrary loans, digital reserves, dictionaries, encyclopedias, maps, and librarian support) and Internet resources needed by learners to complete online assignments and as background reading must be included in all courses.

Plagiarism

What is Plagiarism?

Plagiarism is representing someone else's intellectual property as your own. You put yourself at risk of plagiarizing when you fail to adequately cite the original source material from which you took words and ideas.

Students With Disabilities

Qualified students with disabilities will be provided reasonable and necessary academic accommodations if determined eligible by the appropriate disability services staff at their home institution. Prior to granting disability accommodations in this course, the instructor must receive written verification of a student's eligibility for specific accommodations from the disability services staff at the home institution. It is the student's responsibility to initiate contact with their home institution's disability services staff and to follow the established procedures for having the accommodation notice sent to the instructor.

Syllabus Changes

The instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of change(s) on the course bulletin board.

Technical Support

Telephone Support:

AskRODP Help Desk (toll free number 1-866-550-7637) or go to the AskRODP website at: http://help.rodp.org/

If you are having problems:

- logging into your course
- timing out of your course
- "technical" related issues for D2L (it takes a long time to click around my course)
- using your course web site tools

If you contact Technical Support by phone please be at your computer and be prepared to provide the following information: (If you do not know the information below please call 1-866-550-7637)

- Your username
- Your password
- The URL, (address, "http://...") you are unable to access
- Your instructor's name (Ex.: Dr. Charles Cooper)
- Your course number, section and name (EX: EDU 1120 Introduction to Teaching)
- Are you using a PC or MAC
- Your operating system (Windows 98, NT, 2000, Vista, etc.)
- Browser type and version (EX: Internet Explorer 7)