CIS 343-010 – C# Programming for Windows and Web-Programming
Spring 2012 Syllabus
Section 010 MW 11:00a-12:15p Busi 206

Instructor:	Dr. Jason Sharp, Assistant Professor	Office Hours:	MW	8:30a-10:30a
Office:	College of Business #153, Stephenville		TR	8:30a-10:30a
Phone:	(254) 968-9738 (Office)			*Other times by appointment*
	(254) 968-9047 (CIS office)			
Fax:	(254) 968-9345			
Email:	jsharp@tarleton.edu			
Web site:	http://www.tarleton.edu/~jsharp			
Blackboard (Bb):	http://online.tarleton.edu/Dual/DualLoginPage.htm			

Course Catalog Description (*passed 5/18/2011*):
An advanced course in the C# programming language. Covers the advanced features of C# such as multitier design, database implementation, web application development, and advanced object-oriented programming techniques. Students will analyze and program several representative problems. Prerequisite: CIS 333 or approval of department head.

Expanded Course Description (*passed 5/18/2011*):
This course is intended to expand the student's knowledge gained in the first course of C# Programming. This course covers the advanced syntax, features, and object-oriented concepts of the C# language. The course also covers implementation of database access via ADO.NET using windows and web forms as well as web-based applications with database connectivity via ASP.net.

Knowledge Outcomes (*passed 5/18/2011*):
- Understand the advanced syntax and features of the C# programming language
- Understand advanced object-oriented (OO) concepts related to classes, objects, inheritance, and polymorphism
- Understand advanced concepts behind user interface design
- Understand the concepts related to sound database design
- Understand the concepts related to web-based application development
- Understand the concepts related to multi-tier development

Skill Outcomes (*passed 5/18/2011*):
- Demonstrate the ability to create advanced object-oriented (OO) applications
- Demonstrate the ability to create windows-based database applications
- Demonstrate the ability to create web-based database applications
- Demonstrate the ability to create multi-tier applications

Course Requirements:
- Readings in the course text
- Exams on all covered chapters in the course text
- Lab projects
- Regular and prompt attendance
- Class Participation and daily work

Required Materials:
Textbook: Starting Out with C# 2010, Tony Gaddis. Addison Wesley, 2012.
ISBN-10: 0-13-216545-7; ISBN-13: 978-0-13-216545-7

Lab: Microsoft Visual Studio 2010 Ultimate (*or other approved version*)
- Installed in labs campus-wide
- Download from MSDN Academic Alliance (http://www.tarleton.edu/cis/studentresources.html)
- Checkout from CIS department

Program for zipping lab projects (i.e., Zip Central available for free, WinZip, Windows compression utility)

Materials: USB drive for saving backup copies of lab assignments
Student CD resources
Blackboard Student Training: http://online.tarleton.edu/fac_dev/applications/student_blackboard/index.htm

Blackboard (Bb) Course-Related Documentation, Correspondence, and Grade Posting:
All course-related documentation will be available in Bb. This may include such items as course syllabus and schedule, lecture notes, lab projects, and supplementary materials. It is the responsibility of the student to download any necessary documents prior to class when needed.

All course-related correspondence will be facilitated using the communication tools provided in Bb (e.g., email, discussion boards, announcements, chat). **It is the student's responsibility to check for course-related correspondence within Bb on a regular basis**. This should help alleviate problems with "full" email accounts and "bouncing" of email messages or other network-related problems.

All course-related grades such as lab projects and exams will be posted to the grade book in Bb. **It is the student's responsibility to check grades regularly and ensure that they are posted correctly**. A student has **one week** after grades are posted to dispute a grade. After that week, the grade will stand as posted.

Grade Evaluation:	Grade Distribution:	
A typical grading scale will be used:	Lab Projects	50%
A: 90-100	Quizzes/Daily	5%
B: 80-89	Exams	30%
C: 70-79	Final Exam	15%
D: 60-69	TOTAL	100%
F: Below 60		

Tentative Class Schedule:
A tentative class schedule is attached. This schedule is designed to serve as a guideline of the activities and assignments to be covered during the semester, **but please note that changes to this schedule may be made**. Any such changes will be announced during class, via e-mail, and/or posted in Bb.

Exams:
Exams may consist of **objective** questions (i.e., T/F, multiple choice, and/or matching), **subjective** questions (i.e., explain, illustrate, define, justify, list, and/or solving programming problems), and/or **hands-on** programming. Exams will be comprehensive in the sense that each may depend on all prior concepts covered to some extent. See tentative schedule for **final exam** date and time or refer to the current University catalog.

Lab Projects:

- YOU WILL TURN IN ONLY CORRECTLY-COMPILING LAB PROJECTS (i.e., no syntax errors) unless you have permission in advance to do otherwise. **Lab projects which compile WITH ERRORS will be eligible for a maximum grade of 50 unless you are authorized otherwise in advance**. Late lab projects lose **ELEVEN (11)** points per day. Lab projects will normally NOT be accepted more than **THREE (3)** days late unless approved by the instructor when emergency circumstances warrant an exception. Contact me immediately in such circumstances.

- For each lab project a separate project folder should be created according to the following naming convention: **CourseNumber_LastNameFirstInitial_LabXX**, e.g., **343_SharpJ_Lab01**. All project related files should then be saved into this folder. The lab project folder **MUST** be zipped and submitted electronically in **Bb** by **11:59pm** on the due date indicated by the tentative schedule unless otherwise noted. Each lab project file **MUST** include the following information within comment statements at the top of the code: 1) **Name**, 2) **DuckTrax (Banner) ID**, 3) **Due Date**, 4) **Date Submitted**, and 5) **Brief description of the purpose of the project file**.

- **Five (5) Points will be automatically deducted from any lab project without the correct naming convention and/or lab project file information.**

- Students **MUST** save all graded lab projects for grade validation and are strongly encouraged to make backup copies (on "network drive" – t:\drive, USB, or CD/DVD) of all projects in the event that any grade discrepancies arise.

- Lab projects **MUST** adhere to standard conventions as outlined in the course text.

- Lab projects are **NOT** group work, you are expected to work individually. The Policy on Academic Honesty will be strictly enforced.

Class Attendance:
Student absences are considered by the University to be strictly between the individual student and faculty member. The faculty member has the responsibility and authority to determine whether make-up work can be done because of absences. Students may request make-up consideration for valid and verifiable reasons such as illness, death in the immediate family, legal proceedings, or participation in University-sponsored activities. With a University-sponsored activity the student contact will be coincident with an explanation being sent from the faculty/staff member who is responsible for the activity (*University catalog*).

Unless prior arrangements are made, valid and verifiable make-up work should be completed **within 3 days** of the student's absence. Please remember that it is the **student's responsibility** to check with the instructor and have all make-up work completed within this time frame. In the event of a University sponsored event, all assignments and/or tests **must be turned in or taken prior to leaving unless other arrangements are made with the instructor**.

Academic Honesty:
Tarleton State University expects its students to maintain high standards of personal and scholarly conduct. Students guilty of academic dishonesty are subject to disciplinary action. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials. The faculty member is responsible for initiating action for each case of academic dishonesty that occurs in his/her class (*University catalog*).

All students must adhere to the Policy on Academic Honesty in the University Catalog, as well as that of the Department of Computer Information Systems and the Policy on Software Theft, Unauthorized Access, and Vandalism available at http://www.tarleton.edu/cis/studentresources.html.

Penalties include:

- First offense, suspected: warning
- First offense, documentable: zero on assignment in question and reduction of one letter grade
- Second offense, documentable: failing grade in, AND dismissal from, the course
- Third offense, documentable: recommendation to be withdrawn from the university

Americans with Disabilities Act:
It is the policy of Tarleton State University to comply with the Americans with Disabilities Act (http://www.ada.gov/) and other applicable laws. If you are a student with a disability seeking accommodations for this course, please contact Trina Geye, Director of Student Disability Services, at 254.968.9400 or geye@tarleton.edu. Student Disability Services is located in Math 201. More information can be found at www.tarleton.edu/sds or in the University Catalog.

Computer Use Policies:

- The University reserves the right to limit, restrict or deny access to its technology resources, as well as to take disciplinary and/or legal action against anyone in violation of these regulations or applicable law. Use the following link to view the computer usage policy: http://www.tarleton.edu/policy/documents/27.99.99.T1.01.pdf
- If you do not have the necessary computer hardware and software (e.g. browser, email) setup at home, you can find every resource you need in the University computer labs.

Getting the Help You Need:
You are encouraged to contact the professor for assistance to support your success in this course. Below are listed several standard sources for additional help that you should also consider in case one of these might have the information you need.

Questions Related to Course Content

1. First, review your textbooks or other course material.
2. Second, review the learning resources on the course web site.
3. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to Course Requirements

1. First, review the syllabus.
2. Second, review the requirement-related information on the course web site.
3. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to Library Resources

1. First, review the Off-Campus and Distance Learning Services on the Dick Smith Library web site at http://www.tarleton.edu/library/distance.html
2. Second, if you are not able to obtain an answer to your question from the Off-Campus and Distance Learning resources on the Dick Smith Library web site please contact Ms. Jennifer Barrera at barrera@tarleton.edu or call toll-free at 866-339-5555 or call the reference desk (available extended hours) at 254-968-9249
3. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to Using Blackboard

1. First, review the Blackboard Student Training material located at http://online.tarleton.edu/fac_dev/applications/student_blackboard/index.htm
2. Second, review the Blackboard information at Online Instructional Support Services located at http://online.tarleton.edu/online_support/index.htm
3. Third, contact Blackboard Technical Support via telephone at (254) 968-1960 or toll free: 866-744-8900 - Option 3
4. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to Internet Access and other Technical Questions

1. First, review the Technology for Students area of the Help Desk web site at http://www.tarleton.edu/~helpdesk/
2. Second, if you are not able to obtain an answer to your question from the help desk web site, contact the Help Desk via telephone at 254-968-9885 or toll-free at 866-744-8900.
3. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to University Services

1. First, review the information under Current Students located at http://www.tarleton.edu/currentstudents/index.html
2. Second, if you are not able to obtain an answer to your question from the University Catalog, contact your academic advisor. If you do not have an academic advisor, contact the Department of Computer Information Systems via telephone at 254-968-9047.
3. Finally, if you are not able to obtain an answer to your question from the other resources, contact the instructor via the Blackboard "mail" tool.

Questions Related to Academic Programs, University Calendar, or other general questions

1. First, review the University Catalog at http://www.tarleton.edu/~catalog/
2. Second, if you are not able to obtain an answer to your question from the University Catalog, contact your academic advisor. If you do not have an academic advisor, contact the Department of Computer Information Systems via telephone at 254-968-9047.

If you find errors or inconsistencies with the information within this document, please contact Dr. Sharp via Blackboard "mail" tool.

CIS 343-010 C# for Windows and Web-Programming
Tentative Schedule Spring 2012

Date				Tentative Schedule	Lab	Lab Due*	Quizzes**
Week 1	Jan	16	M	Course Introduction			
		18	W				
Week 2		23	M	Module 1 - Classes and Multiform Projects	Lab 01		
		25	W				
Week 3		30	M	Module 1 - Classes and Multiform Projects			
	Feb	1	W				
Week 4		6	M	Module 2 - Inheritance and Polymorphism	Lab 02	Lab 01	Quiz 01
		8	W				
Week 5		13	M	Module 2 - Inheritance and Polymorphism			
		15	W				
Week 6		20	M	Module 3 - Databases	Lab 03	Lab 02	Quiz 02
		22	W				
Week 7		27	M	Module 3 - Databases			
		29	W				
Week 8	Mar	5	M	**Exam 1 (Module 1-2)**		Lab 03	Quiz 03
		7	W				
Week 9		12	M	**Spring Break**			
		14	W				
Week 10		19	M	Module 4 - Databases: Related Tables and Updates	Lab 04		
		21	W				
Week 11		26	M	Module 4 - Databases: Related Tables and Updates			
		28	W				
Week 12	Apr	2	M	Module 5 - Web Applications		Lab 04	Quiz 04
		4	W				
Week 13		9	M	**Exam 2 (Module 3-4)**			
		11	W				
Week 14		16	M	Module 6 - Web Database Applications	Lab 05		
		18	W				
Week 15		23	M	Module 6 - Web Database Applications			
		25	W				
Week 16	May	30	M	Course Review		Lab 05	Quiz 05
		2	W				
Week 17		7	M	**Final Exam, 3:00p-5:30p, Busi 206**			

* Labs **Must** be Submitted in **Bb by 11:59pm (CST)** on the Lab **Due Date** Listed on the Tentative Schedule
** Quizzes **Must** be Submitted in **Bb by 11:59pm (CST)** on the **Due Date** Listed on the Tentative Schedule
See Course Syllabus for Instructions on submitting Lab Projects.