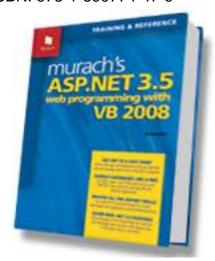|	
Course #:	TECH 46321/56321
Title:	*Web Database Integration*
Professor:	Julia S. Ferguson, MBA, MCP *Adjunct Professor, Computer Technology* jsfergus@kent.edu - E-Mail (*best way to communicate*
Meets:	Spring Semester 2011 Web-based class; no in-person meetings
Objectives:	This class covers the concepts and use of the tools available in Visual Basic .Net to develop database-driven applications that run on Windows-based web servers. The class will include coverage of the .Net version of Active Server Pages (ASP .Net). Students will apply those concepts through hands-on experiences by developing real-world web applications.
Prerequisites:	Recent programming experience in Visual Basic .NET would be helpful. Students without that experience may want to obtain additional reference books on the Visual Basic .NET language. Knowledge of relational databases would also be helpful. Good keyboarding skills and proficiency with the Windows environment will be assumed.
Software:	Visual Studio .NET 2008 Microsoft allows students to download a free copy of Visual Studio .NET 2008 (along with other software). To download the software, you must register using your KSU e-mail account. You can access the download site at the following URL: www.dreamspark.com
Book:	**For Visual Studio 2008:** Murach's ASP.NET 3.5 Web Programming with VB 2008 By: Anne Boehm ISBN: 978-1-890774-47-9

Topics: The following topics are representative of what will be covered in this course.

- Relational database design
- Introduction to the .Net Framework
- Web development features in Visual Basic .Net
- Overview of web-based applications
- Overview of Object-oriented Programming
- Overview of Active Server Pages (ASP) & ASP .Net
- Using Web Forms
- Server controls
- Data binding with ADO .Net
- Structured Query Language (SQL)
- User Controls
- Cascading Style Sheets

Grades: Your grade for the course will be calculated using a weighted average of the following parts and their respective weights:

TECH46321:

- 80% - Project Average
- 20% - Test
    Note 1: See Late Policy below.

TECH56321:

- 60% - Project Average
- 20% - Test
- 20% - Research Assignments
Note 1: See Late Policy below.

Letter Grades:

90.0-100%	A
80.0-89.9%	B
70.0-79.9%	C
60.0-69.9%	D
0-59.9%	F

Note: Grades are not rounded up (e.g. 89.75% is a B, not an A)

Late Policy:	All assignments are to be completed and handed in on time as indicated by the schedule or the assignment handout. After the due date, the professor will reduce each assignment grade by one letter grade for each week that the assignment is late. (One day late is the same as one week late) You will receive 0 points for any assignment handed in more than 3 weeks after the due date. The final project is an exception to the aforementioned policy. The final project/test must be submitted by the due date. Submission of the last project/test after the due date will result in a 0 for the project.
Exam Policy:	The professor expects every student to take all exams <u>as scheduled</u>. The professor must approve all make-up exams, which will be granted only under dire circumstances. There will be no make-up for the final exam due to time constraints for the submission of grades.
Profanity and/or Offensive Material:	Any work that is submitted which contains profanity, inappropriate language, graphics, sounds, web links, etc. and/or any material that the instructor feels is offensive, in any way, will receive a grade of 0. No makeup work will be permitted.
Academic Integrity & Student Conduct:	Plagiarizing someone else's work on an assignment will result in an "F" grade for the class. The "F" will be assigned to all persons turning in duplicate work and/or code, regardless of who did the work originally. While sharing ideas and techniques is certainly expected and encouraged, just copying code or text will not be condoned.

The following is an excerpt from the "2004-2005 DIGEST OF RULES AND REGULATIONS" which can be found at the Regional Campuses Web site (**http://www.rc.kent.edu/**). Cheating and plagiarism are considered serious offenses by the University and will not be tolerated. Students should be familiar with the following policies and definitions so as to maintain their academic integrity and avoid disciplinary procedures. |
| **Cheating and Plagiarism:** | (Reference 3342-3-07)

A. Policy Statement
It is the policy of the University that:
1. Students enrolled in the University, at all its campuses, are to perform their academic work according to standards set by faculty members, departments, schools, and colleges of the University; and
2. Cheating and plagiarism constitute fraudulent misrepresentation for which no credit can be given and for which appropriate sanctions are warranted and will be applied.

B. Intent and Scope of the Policy
1. In providing this policy, the University affirms that acts of cheating and plagiarism by students constitute a subversion of the goals of |

education, have no place in the University, and are serious offenses to the rights of fellow students.

2. It is the intent of this policy to provide appropriate sanctions, fair and realistic procedures for imposing those sanctions, and safeguards for any student suspected of cheating or plagiarism, as well as to coordinate the policy with the procedures of the Code of Student Conduct, Rule 3342-4-15 of the Administrative Code, and of the University Register.

3. This policy applies to all students of the University, graduate and undergraduate, full- or part-time, whose conduct is of such a nature prohibited by the policy. Other offenses of the nonacademic nature are covered by the Code of Student Conduct, Rule 3342-4-15 of the Administrative Code and the University Register.

C. Definitions

As used in this rule:

1. "Cheat" means intentionally to misrepresent the source, nature, or other conditions of academic work so as to accrue undeserved credit, or to cooperate with someone else in such misrepresentation. Such misrepresentations may, but need not necessarily, involve the work of others. As defined, cheating includes, but is not limited to:

a) Obtaining or retaining partial or whole copies of examinations, tests, or quizzes before these are distributed for student use;

b) Using notes, textbooks, or other information in examinations, tests, or quizzes, except as expressly permitted;

c) Obtaining confidential information about examinations, tests, or quizzes other than that released by the instructor;

d) Securing, giving, or exchanging information during examinations;

e) Presenting data or other material gathered by another person or group as one's own;

f) Falsifying experimental data or information;

g) Having another person take one's place for any academic performance without the specific knowledge and permission of the instructor;

h) Cooperating with another to do one or more of the above; and

i) Using a substantial portion of a piece of work previously submitted for another course or program to meet the requirements of the present course or program without notifying the instructor to whom the work is presented.

j) Presenting falsified information in order to postpone or avoid examinations, tests, quizzes, or other academic work.

2. "Plagiarize" means to take and present as one's own a material portion of the ideas or words of another or to present as one's own an idea or work derived from an existing source without full and proper credit to the source of the ideas, words, or works. As defined, plagiarize includes, but is not limited to:

a) The copying of words, sentences, and paragraphs directly from the work of another without proper credit;

b) The copying of illustrations, figures, photographs, drawings, models, or other visual and nonverbal materials, including recordings, of another

without proper credit; and

c) Presenting work prepared by another in final or draft form as one's own without citing the source, such as the use of purchased research papers.

Students with Disabilities: University policy 3342-3-18 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Student Responsibilities for Web-Based Courses

Since this is a web-based course, the professor assumes that you have ongoing access to the Internet with a current Windows 95/98/XP computer and are already proficient in its general use. In addition, please be aware of the following:

➢ In all web-based courses, students are much more responsible for their own learning than they are in their in-person classes. Professors are facilitators, coaches, and colleagues who are there to help you in that learning process.

➢ Students must actively initiate more communication with professors and other students in web-based courses. Please remember that your professors cannot see you during the course; they can only react to your words. So, if you are falling asleep at your keyboard, your professor will not know it!!

➢ When you have problems, you need to fully articulate those problems to your professor. "My program doesn't work; what's wrong?" is not articulating a problem well. Be specific with as many details as you can, including what led up to the problem, any error messages that may have appeared, graphics including screen shots of what happened, etc.

➢ If procrastination hurts you in a regular course, it will kill your chances for success in a web-based course. Now is the time to develop good time management skills, if you have not already done so. You should be devoting an average of 10 hours per week for each web-based course, including the roughly 5 hours you are saving by not having to drive to and from class and the time you normally spend sitting in that class. The best advice that can be provided is to designate specific days and times during each week that you will use to work on your course. Otherwise, it will be very easy to say to yourself "I'll do it tomorrow" and, as we all know, tomorrow never comes!!