Course Syllabus

COURSE: **CIS 236 Introduction to MS Web Development**
CREDITS: 3 semester hours – Fall 2015
PREREQUISITE: CIS 131 C# Programming
INSTRUCTOR: Cindy Roller   **E-mail:** cindy.roller@southeasttech.edu
                     TC202 (Technology Center)   **Phone**: 605-367-5560

**TEXT: Murach's ASP.NET 4.5 Web Programming with C# 2012, 5th ed by Delamater & Boehm
     ISBN #978-1-890774-75-2**

**ADDITIONAL (OPTIONAL) RESOURCE: Murach's C# 2012 by Joel Murach
     ISBN #978-1-890774-72-1**

COURSE DESCRIPTION: This course requires prior knowledge of the C# programming language. Students will learn how to create and test multi-page data-base applications. HTML5, CSS3, C# and ASP.NET will be integrated in many projects. Topics will include the use of server and validation controls, master pages and themes, and site navigation. Object-oriented concepts will be used throughout this course.

BASIS FOR EVALUATION:

Exams & quizzes (55% of grade) - A minimum of four exams will be given during the semester. Exams will consist primarily of performance tests (where the student creates or completes a web site). Tests may also include true/false, multiple choice, and fill-in type questions. Make-up exams are not available, but arrangements may be made with the instructor to take an exam prior to the scheduled testing time. Quizzes may be given unannounced and may not be made up.

Assignments (40% of grade) – All assignments will be given a due date. **Failure to turn in an assignment by the due date may result in 0 points unless arrangements are made with the instructor.** Students may receive partial credit for partial solutions and are encouraged to complete all assignments in order to build their problem-solving and coding skills.

Class Preparation, Participation, & Team Work – (5% of grade) - It is expected that students demonstrate responsibility and commitment to learning by participating in all scheduled classes and activities. Students should check their school e-mail and the course website to stay current with assignments. Additional study time outside of class is required.

GRADING - The grading scale is shown at right. NOTE: GPA's do not reflect a plus or minus grade.

A+ = 99 to 100	A = 94 to 98.99	A- = 89.5 to 93.99
B+ = 89 to 89.49	B = 84 to 88.99	B- = 79.5 to 83.99
C+ = 79 to 79.49	C = 74 to 78.99	C- = 69.5 to 73.99
D+ = 69 to 69.49	D = 64 to 68.99	D- = 59.5 to 63.99
F = 59.49 or below		

ATTENDANCE POLICY: Punctuality and good attendance are important. Being tardy or absent has a negative effect on the learning environment and ultimately the work environment. To better prepare students for employment, this course has expectations that emulate those of a normal job. Students

should monitor their attendance on STInet. Students are encouraged to meet with and email their instructors if they have extenuating circumstances that cause them to be absent for an extended period.

CLASSROOM CONDUCT: Integrity and professionalism is expected by everyone. Misuse of the computer (excessive Internet surfing during class, emailing, chat room use, and/or inappropriate screen savers, etc.) may result in disciplinary action. Cheating and plagiarism will result in a zero for that work and further unethical behavior may result in a failing grade for the course or even suspension. *Please refer to your Student Handbook for more details.

Student success is important to our faculty, and all faculty are involved in assessing learning. Upon completion of a degree, Southeast graduates will have demonstrated competence in the following areas:

Science and Technology: Technical competence, including knowledge of technology and/or scientific principles as these apply to programs.

Problem Solving & Critical Thinking: The ability to select and use various approaches to solve a wide variety of problems – scientific, mathematical, social and personal.   Graduates will also be able to evaluate information from a variety of perspectives, analyze data, and make appropriate judgments.

Communication: The ability to communicate effectively in several forms – oral, written, nonverbal and interpersonal.   Graduates will also demonstrate knowledge of how to manage and access information.

Professionalism: Strong work ethic, including responsible attendance; skill in teamwork and collaboration, as well as an ability to work with others, respecting diversity; ability to adapt to change; commitment to lifelong learning; adherence to professional standards; and positive self-esteem and integrity.

Instructors and faculty members will act with integrity and strive to engage in equitable verbal and nonverbal behavior with respect to differences arising from age, gender, race, handicapping conditions and religion. If you have special needs as addressed by the American with Disabilities Act and need course materials in alternative formats, notify your instructor immediately. Reasonable efforts will be made to accommodate your special needs.

Violations of safety to self and others and/or violation of safe operating practices of equipment may result in: the reduction or loss of your daily grade; removal from class; and/or disciplinary action.

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*Refer to your STI Student Handbook for additional school policies.

COURSE OVERVIEW

COURSE ORGANIZATION: The following schedule is an estimate and subject to change due to class progress, cancellation of class, etc. Please make note of any changes announced by your instructor.

Section 1 ~ The Essence of ASP.NET Programming

ASP.NET Intro
1. An Introduction to ASP.NET web programming
2. How to develop a one-page web application
3. How to use HTML5 and CSS3 with ASP.NET applications

Exam 1   (objective)

More ASP.NET
4. How to develop a multi-page web application
5. How to test and debug ASP.NET applications

Exam 2   (performance)

Section 2 ~ ASP.NET Essentials

ASP.NET Controls
** *Supplemental material – reviewing object orient concepts and List<>*
6. How to use standard server controls
7. How to use the validation controls

Exam 3   (performance)

ASP.NET Websites
8. How to work with state, cookies, and URL encoding
9. How to use master pages
10. How to use themes
11. How to use site navigation and ASP.NET routing

Exam 4   (performance)