Course Syllabus

COURSE: **CIS 296 Advanced MS Web Development** – Online Course
PREREQUISITE: CIS 236 Introduction to MS Web Development
CREDITS: 3
TERM: Spring 2018
INSTRUCTOR: Cindy Roller
OFFICE: Tech Center, Room TC202   HOURS: posted on STInet
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COURSE DESCRIPTION: Students will learn how to use data access tools and features including SQL, object data sources and stored procedures to create a variety of web applications that display and/or maintain data. Techniques required for developing professional e-commerce web applications will also be explored.

**TEXT: Murach's ASP.NET 4.6 Web Programming with C# 2015, 6th ed by Delamater & Boehm
ISBN #978-1-890774-95-0**

ADDITIONAL (OPTIONAL) RESOURCE: Murach's C# 2015 by Boehm and Murach

BASIS FOR EVALUATION:
Exams (50% 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 an application). Tests may also include true/false, multiple choice, and fill-in type questions. An approved proctor will be required for some or all of the exams. Make-up exams are not available, but arrangements may be made with the instructor to take an exam prior to the scheduled testing time. Students may throw out their lowest exam score (if a test is missed, then the missed test would be thrown out) or choose not to take the last exam if they are satisfied with their grade. Quizzes or short, in-class assignments may be given unannounced, and may not be made up if missed. One or two low quizzes may be thrown out, depending on the number given.

Assignments (40% of grade)
- Each assignment will be given a due date, which will not be changed unless prior arrangements have been made between the student(s) and instructor.
- *Most* (but not all) assignments for this course will be due on Wednesday or Friday at 11:55 pm. Some can be submitted up to two days past the due date without penalty. You're encouraged to do your best to meet an assignment due date and move on to the next assignment as soon as possible. Check Coursework to find out this information.
- In order to be more consistent, assignments usually aren't graded until the closing date has passed. Since your instructor teaches a full traditional workload in addition to online course(s), the majority of grading will likely be completed on the weekend.
- Students may receive partial credit for partial solutions.
- Students are encouraged to complete all assignments in order to learn the material, even if the 2-day extension has past and they can no longer submit their work for a grade.

- Students are welcome to work ahead on any assignment that's been activated in Coursework. Please realize, however, that your instructor may need to prioritize students' questions, answering the ones about current assignments first.
- When emailing your instructor for help on a particular assignment, ALWAYS attach your zipped project to the email. Include information regarding the problem(s) you're having, as well as what things you tried to do to get a better understanding of the problem(s) and/or resolve them. Eventually project files may become too large to attach to an email. In this case, upload it to the assignment in Coursework, but DO NOT CLICK THE SUBMIT BUTTON. Let me know in your email that you did this. Don't forget to delete the unfinished project from Coursework before submitting your final version.

Class Preparation, Participation, & Team Work (10% of grade) - It is expected that students demonstrate responsibility and commitment to learning by participating in all class activities and assignments. Students should check their school e-mail and the course website daily. Since this is an ***accelerated*** course, it is extremely important that students are proactive, read the assigned material, and stay current with assignments.

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		

CLASSROOM CONDUCT: Integrity and professionalism is expected by everyone. Cheating and plagiarism may result in a **-.5** grade for that work (for all students involved) and further unethical behavior may result in a failing grade for the course or even suspension.

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:

Technology: Graduates will be able to understand industry-relevant technical concepts (knowledge) and demonstrate industry-relevant technical skills (performance).

Problem Solving & Critical Thinking: Graduates will be able to define a problem as it relates to their field of study. They will demonstrate the ability to analyze the problem, generate solutions, evaluate solutions, and select the best solution.

Communication: Graduates will be able to define the purpose of the communication they are using, organize and structure the communication, and provide supporting materials for this communication. Graduates will demonstrate precision of language and will be able to professionally deliver and format the communication.

Professionalism: Graduates will be able to demonstrate positive work ethic, collaborate as part of a team, adapt to change, adhere to professional standards, and model integrity and ethics.

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.

COURSE OVERVIEW

COURSE ORGANIZATION: The following schedule is an estimate, and subject to adjustments. It's expected that all topics listed will be covered. Please make note of any schedule changes announced by your instructor.

Tentative
Week

Unit 1 (Section 3 ASP.NET Database Programming)

Chapter 12   An Introduction to Database Programming
Chapter 13   How to use SQL Data Sources

Exam 1 ~ Chapters 12 & 13   Objective – *proctor NOT required*   **2 - 3**

Unit 2

Chapter 14   How to use the GridView Control
Chapter 15   How to use the DetailsView and FormView Controls

Exam 2 ~ Chapters 12 – 15   Performance – *proctor IS required*

Unit 3

Chapter 16   How to use the ListView and DataPager Controls
Chapter 17   How to use Object Data Sources with ADO.NET

Exam 3 ~ Chapters 13 – 17   Performance – *proctor IS required*

Unit 4

TBD

Exam 4   Performance – *proctor IS required*   **8**