

## COURSE SYLLABUS

**COURSE:** CIS 195 Internet Programming Essentials  
**CREDIT:** 4 semester hours ~ Fall 2016  
**PREREQUISITES:** none  
**INSTRUCTOR:** Cindy Roller **E-mail:** cindy.roller@southeasttech.edu  
TC202 (Technology Center) **Phone:** 605-367-5560

**TEXTBOOK:** HTML, CSS, and Dynamic HTML, 5<sup>th</sup> edition ~ by Patrick Carey  
ISBN: 1-111-52643-6

**COURSE DESCRIPTION:** Students create a variety of multi-page Web sites using HTML5 (Hypertext Markup Language), JavaScript and CSS (Cascading Style Sheets) while expanding their knowledge of the Internet, Web and HTML-based development. Students will explore a responsive web design approach that strives for optimal viewing on a wide range of devices.

**COURSE OBJECTIVES:** Upon successful completion of this course, a student will be able to:

- Create a static web page using HTML structural elements and attributes
- Define and apply style rules to one or more web page
- Design and implement page layouts using tables and CSS style rules
- Create a Web form to accept a variety of user input
- Develop a responsive, multimedia Web site
- Test and edit an HTML document so that it is considered ‘well-formed’ (follows specified standards)
- Create a dynamic web page using HTML and JavaScript
- Describe objects and the document object model (DOM)
- Describe ways to address various accessibility issues on the Web

### BASIS FOR EVALUATION:

**Exams & Quizzes (50% of grade)** – Online students are responsible for finding an approved proctor or testing site to administer some or all exams if they aren’t able to use Southeast Tech’s Online Support Center. In this course the first exam can be taken on line and does not require a proctor.

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. 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.

**Web-Based Projects/Lab Assignments (40% of grade)** – Ideally, all assignments should be turned in to Coursework by the due date. However, *some* assignments will be given an extension (2 days for accelerated, online courses and 4 days for traditional courses) in which students can still turn in their work. **It is very important to read any additional instructions included in a Coursework assignment.** 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 (10% of grade)** - It is expected that students demonstrate responsibility and commitment to learning by participating in the course and activities. Students should check their school e-mail and the course website (especially the Coursework and Gradebook pages) to stay current with assignments. Additional study time outside of class is required. Quizzes may be given unannounced and may not be made up.

**GRADING:** The grading scale is shown below.

90% - 100%	A	80% - 89%	B	70% - 79%	C
60% - 69%	D	59% or lower	F		

**A grade of “C” or higher is required for all CIS programming courses.**

**ATTENDANCE POLICY:** For traditional courses, 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, and are encouraged to meet with and email their instructors if they have extenuating circumstances that cause them to be absent for an extended period of time. Students are discouraged from leaving open labs early if they have unfinished work.

**CONDUCT POLICY:** Students are also expected to act in a professional and courteous manner. Cheating or plagiarism may result in, at the very least, a zero for that work for everyone involved. Severe unethical behavior may result in a failing grade for the course, and possible suspension from school.

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

**Science and Technology:** Technical competence including knowledge of technology and/or scientific principles as they 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.

***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 other disciplinary action.***

***The instructors and the faculty members in this course 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.***