

# ITSE 1411 Beginning Web Programming General Syllabus

(Note: This general syllabus presents only general course information for nonregistered students)

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## Instructor Information

### Name & Title

T. M. Smith, Ph.D.  
Professor, Computer Studies and Computer Science



### Office

SAC (South Austin Campus) Room-1213.1

### Telephone

223-9260

**E-Mail Address** (E.G., user\_name@host\_name)

user\_name: **tms**

host\_name: **austincc.edu**

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## Course Description

"Web page programming including mark-up and scripting languages. Introduction to structure and object oriented programming design. Course includes use of XHTML and JavaScript programming languages.  
(College Catalog description)

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## Prerequisite

None

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## Course Rationale

This course is a beginning course about web page programming and is a required course in the Web Developer Specialist Certificate and the A.A.S. degree in Web Programming. Students who successfully complete this course may choose to take: ITSE 1401 Web Design Tools or ITSE 2402 Intermediate Web Programming.

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## Instructional Methodology

The instructor delivers the in-class section by lecture/demonstration (50%) and lab practice (50%).

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## Learning Outcomes / Objectives

At the completion of this course students should be able to:

- Design and develop web pages that incorporate text, graphics, and other supporting elements using current technologies and authoring tools (HTML & CSS).
  - Apply computer logic and programming to client-side web page programming.
  - Design, code, debug, test, and document programs using a high-level, object-oriented, programming language (JavaScript).
  - Program web pages to make them interactive and dynamic using the JavaScript programming language.
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## Scans Competencies

<b>C8</b>	Uses computers to process information.
<b>C16</b>	Monitors and Corrects Performance: Distinguishes trends, predicts impacts on system operations, diagnoses systems performance, and corrects malfunctions.

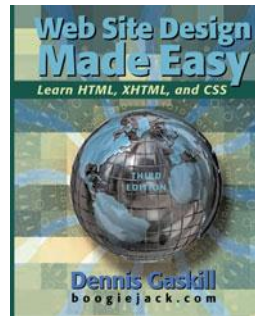
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<b>C17</b>	Improves or Designs Systems: Suggests modifications to existing systems and develops new or alternative systems to improve performance.
<b>C18</b>	Selects Technology: Chooses procedures, tools, or equipment, including computers and related technologies.
<b>C19</b>	Applies Technology to Task: Understands overall intent and proper procedures for setup and operation of equipment.
<b>C20</b>	Maintains and Troubleshoots Equipment: Prevents, identifies, or solves problems with equipment, including computers and other technologies.
<b>F3</b>	Arithmetic: Performs basic computations; uses basic numerical concepts such as whole numbers, etc.
<b>F4</b>	Mathematics: Approaches practical problems by choosing appropriately from a variety of mathematical techniques.
<b>F5</b>	Listening: Receives, attends to, interprets, and responds to verbal messages and other cues.
<b>F8</b>	Decision Making: Specifies goals and constraints, generates alternatives, considers risks, and evaluates and chooses best alternative.
<b>F9</b>	Problem Solving: Recognizes problems and devises and implements plan of action.
<b>F10</b>	Seeing Things in the Mind's Eye: Organizes and processes symbols, pictures, graphs, objects, and other information.
<b>F17</b>	Integrity/Honesty: Chooses ethical courses of action.

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### Textbooks

Gaskill, Dennis, *Web Site Design Made Easy: Learn HTML, XHTML, and CSS, Third Edition*. Morton Publishing Company, 2008.  
ISBN-13: 9780895827357



Gosselin, Don, *JavaScript: The Web Technologies Series, 5<sup>th</sup> Edition*. Course Technology, 2011.  
ISBN 10: 0538748877  
ISBN 13: 9780538748872



**Course Schedule**

**16 Week Schedule**

Week	Activity	Week	Activity
1	Orientation Computers & Internet	9	Review & Exam
2	Web Programming	10	JavaScript Sequence
3	HTML Language Create HTML	11	Functions Debug
4	Format HTML Lists	12	Selection Repetition
5	Hyperlinks Images	13	Review & Exam
6	Review & Exam	14	Objects Events
7	Tables & Frames	15	Form Validation
8	Forms Cascading Style Sheets	16	Review & Exam

**9 Week Schedule**

Week	Activity	Week	Activity	Week	Activity
1	Orientation Computers & Internet ----- Web Programming HTML Language	4	Forms ----- Cascading Style Sheets	7	Review & Exam ----- Objects
2	Create HTML Format HTML ----- Lists Hyperlinks	5	Review & Exam JavaScript ----- Sequence Functions Debug	8	Events ----- Form Validation
3	Images Review & Exam ----- Tables & Frames	6	Selection ----- Repetition	9	Review & Exam

**Course Grade**

Your final course grade is the average of multiple choice exams (50%) and lab assignments (50%).

**Exams**

Exams are closed book, multiple choice exams.

(In-class sections) You will take the exams on scheduled days during class time.

(Open campus-PCM sections) You will take the exams in any of the ACC Testing Centers.

You will be able to see your exam grades in the Blackboard course management system.

**Lab Projects**

Lab Projects are open book, computing skill projects. You will independently complete the projects and then submit your project files to Professor Smith via Blackboard's Digital Dropbox.

You will be able to see your Lab Project grades on Blackboard.

**Course Policies**

**Time Expectation**

Professor Smith informs you that you should expect to spend approximately 2 hours of time doing course work outside of class for each 1 hour of in-class time per week.

**Fall & Spring semesters**

16 week Course	In-class Sections			Distance Sections
	Class Time (Weekly)	Homework Time (Weekly)	Total Time (Weekly)	Total Time (Weekly)
ITSE 1411 Beg. Web Page Programming	5 hr	10 hr	15 hr	13 hr

**Summer semester**

9 week Course	In-class Sections			Distance Sections
	Class Time (Weekly)	Homework Time (Weekly)	Total Time (Weekly)	Total Time (Weekly)
ITSE 1411 Beg. Web Page Programming	8 hr	16 hr	24 hr	20 hr

You should schedule the total amount of hours each week on your calendar. If you choose not to work on this course the expected number of hours, then you should **withdraw** from this course.

**Attendance (In-class Sections)**

Professor Smith expects you to attend every class of the semester. If you have an emergency that conflicts with class, then Professor expects you to contact him before class to inform him of your absence.

Professor Smith expects you will work in class for the entire duration of the class time. If you have an emergency that requires you to leave class early, then Professor Smith expects you will inform him of your need to leave class.

**Course Withdrawal**

If you withdraw from the course and complete the appropriate withdrawal form at the Admissions Office, then you will receive a "W" grade. However, **do not** rely on Professor Smith to withdraw you from the course. It is your responsibility to administratively withdraw from the course to receive a "W" grade. You will receive a "W" grade,

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if you initiate a withdrawal through the Admissions and Records Office prior to the withdrawal deadline date. After this date, you may **not** withdraw and you will receive a grade of A, B, C, D, or F depending on your level of achievement. If you miss the withdraw deadline, then Professor Smith will **not** request a waiver of the College policy and he will **not** request a retroactive withdrawal. Professor Smith reserves the right, but not the duty, to withdraw you from the course for absenteeism over 10%, missed exams/assignments/projects, lack of progress, or you show no course activity in the first week of class.

This is a 4 credit hour, time intensive course. It is very important for your learning that you are successful from the very beginning of the course. You must complete the assignments as soon as the semester begins if you are to be successful. **If you do not show progress during the beginning of the course by submitting the Orientation Form & completing the first 3 assignments on or before their deadline dates, then Professor Smith will withdraw you for lack of progress.**

**ALERT:** New state law for new students. No more than **six course withdrawals** throughout your undergraduate education, regardless of how many colleges you attend. Students who entered college before fall 2007 are not affected. Ask a counselor for details.

### Academic Dishonesty

#### *Exams*

Cheating on an exam results in a zero (0%) grade for the exam. Professor Smith also will inform the Director of Student Services of the incident. Receiving help from anyone or giving help to another student will result in a zero (0%) grade.

#### *Lab Projects*

Lab Projects are **open-book** assessments. You may **only** use your textbook and notes. You may **NOT** receive help from another person. You may **NOT** work collaboratively with another person. If Professor Smith determines that you received assistance from another person or gave assistance to another student, then he will assign a grade of zero to you for this project.

#### **Retesting & Extra Credit**

Professor Smith does **not** allow retesting nor extra credit work to raise your grade.

#### **Incomplete Grades**

Department Guidelines for Incomplete Grades - You may receive a temporary grade of "I" (Incomplete) at the end of the semester only if you meet the following conditions:

- You are unable to complete the course during the semester due to circumstances beyond your control.
- You must have earned at least half of the grade points needed for a "C" grade by the end of the semester.
- You must make the request for the "I" grade in person at the instructor's office and complete the necessary documents. You must also bring to the instructor supporting documentation such as a physician's statement.
- To remove an "I" grade, you must complete the course by two weeks before the end of the following semester. Failure to do so will result in the grade automatically reverting to an "F".

#### **Students with Disabilities**

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Office of Students with Disabilities (OSD) as soon as possible to better ensure that such accommodations are implemented in a timely fashion. The OSD will complete the *Approved Accommodations & Academic Adjustments* form. You **must** present this completed form to Professor Smith so he knows what accommodations and adjustments to make to accommodate your disabilities. You **must** do this at the beginning of the semester. You should expect a reasonable amount of time for Professor Smith to make changes to the course to accommodate you.

**ACCmail**

Professor Smith will communicate all course related information to students through their ACCmail accounts. He expects students will check their ACCmail accounts for new mail on a daily basis.

The ACC Helpdesk is the primary resource available to students with questions about the ACCmail program in general and individual accounts specifically.

**Required Contacts (Distance Section only)**

The State of Texas mandates that you to have at least two contacts with the instructor as a course requirement during the semester. In addition to completing the online orientation, you must make two contacts with Professor Smith either in person, by telephone, or by e-mail. You must make at least one of these contacts by midterm. Your submission of the online orientation form counts as one contact. If you haven't made contact with Professor Smith by this time, then you run the risk of having Professor Smith withdraw you from the course. See the Course Policies regarding course withdrawals.

**Freedom of Expression Policy**

The department faculty expects each instructor and student to respect the right of others to express their views related to classroom discussions.

**Student Privacy of Files**

For academic purposes an instructor may view a student's information that he/she stores in his/her student volume in the Computer Studies Labs.

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**THE END**