Technical College of the Lowcountry
921 Ribaut Road ~ P O Box 1288
Beaufort, South Carolina 29901-1288

Jean Smith
Business Technology Division
Building 50, Room 206
843-470-6021
jsmith@tcl.edu

TECHNICAL COLLEGE
OF THE LOWCOUNTRY

IST 226
**INTERNET PROGRAMMING**

Course Description
This course covers designing internet pages and applications for person/business use, writing the required program code in languages such as HTML, Java, and VRML, testing and debugging programs, and uploading and maintaining internet pages and applications. Prerequisite: CPT 101.
0 Cr (0 lect/pres, 0 lab, 0 other)

Course Focus
Upon completion of this course, the student shall have capabilities and understanding of the following areas:

1. Creating and Editing web applications
2. Saving a web application program on disk and a web server.
3. Using navigation
4. Using tags
5. Using HTML, CSS and JavaScript
6. Publishing a website/web application

Text and References
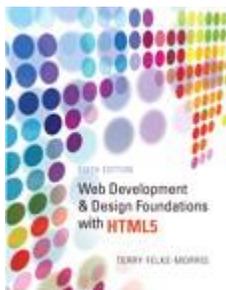
Web Development and Design Foundations with HTML5, 6/E

Terry Felke-Morris, *Harper College*

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Online Students should have access to a computer running Windows XP or later with internet access. If you are taking this as an online course, you should have web access and be able to send in homework via email. If you don't have the tools, you will need to find a computer that has them (e.g., you can go to the TCL Learning Resource Center).

To access the class web site:
Go to: elearning.tcl.edu or www.tcl.edu
Click on the Blackboard logo (you might need to scroll down on the web page)
Enter your login and password

Your Blackboard User Name is as follows:

Username:_____
Your seven-digit TCL Student ID number including the proceeding zeroes.
Example: 0012345

Your Blackboard Password is as follows:

Password:_____
First letter of your first name, lowercase, and the last three digits of your social security number.
Example: j123
NOTE: Use lowercase letter and without spaces.

 Click on class ist 226
If you cannot get to the site, please call the helpdesk 525 8344 or email them at helpdesk@tcl.edu.

Course Goals
The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives (Addendum A). (*designates a CRUCIAL goal)

1. insert inline image
2. set cursor style
3. explore web history
4. manage quotes

5. generate style content
6. interlace GIF image
7. set opacity
8. set web fonts
9. list web browsers
10. create script button
11. set doctype
12. control web page sounds
13. set presentation attributes
14. set style attributes
15. use div and span
16. format characters
17. mark lists
18. mark paragraph elements
19. add headings
20. mark tag elements
21. create HTML
22. examine HTML creation tools
23. activate hyperlink
24. understand DTDs
25. write javascript
26. refer external entity
27. parse entity
28. format text string
29. list attribute defaults
30. make enumerated type
31. set string types
32. declare element attributes
33. set scrollbar
34. define XHTML
35. bind table data source
36. insert frameset pages
37. implement frames
38. preview movie
39. understand CGI
40. use form editors
41. disable form elements
42. create password boxes
43. control line breaks
44. float table
45. set table layout
46. declare doc element

Student Contributions
Each student will spend approximately 2.5-5 hours per week preparing for class and completing assignments to turn in weekly.
Each week students will turn in assignments as specified on Blackboard. In addition, chapter tests are to be completed as assigned. Students will also complete a final exam/project to demonstrate their knowledge of the material.
Student Attendance Policy: See student handbook within the TCL Catalog.

Course Evaluation
Each week's assignments are worth 100 points and averaged over the semster. chapter tests are also worth 100 points and averaged at the end of the semester. The final will be 100 points.

Tests: 45%
Homework:40%
Final: 10%
Timeliness/Attendance/Participation: 5%

Course Schedule
The class can be taken online or as an web-enhanced class that meets 1.5 hours per week.
We will cover the information in the order of the content goals as listed.

Approved by: __Kenneth Flick_____Developed/Revised: 4/2013
Ken Flick, Division Dean for Business/Industrial Technology

ADA Statement
The Technical College of the Lowcountry provides access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the counselor for students with disabilities at (843) 525-8228 during the first ten business days of the academic term.

Academic Misconduct
There is no tolerance at TCL for academic dishonesty and misconduct. The College expects all students to conduct themselves with dignity and to maintain high standards of responsible citizenship.
It is the student's responsibility to address any questions regarding what might constitute academic misconduct to the course instructor for further clarification.
The College adheres to the Student Code for the South Carolina Technical College System. Copies of the Student Code and Grievance Procedure are provided in the *TCL Student Handbook*, the Division Office, and the Learning Resources Center.

Attendance
The College's statement of policy indicates that students must attend ninety percent of total class hours or they will be in violation of the attendance policy.
- Students not physically attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING. Reinstatement requires the signature of the division dean.
- Students taking an online/internet class must sign in **and** communicate with the instructor within the first ten calendar days from the start of the semester to indicate attendance in the class.   Students not attending class during the first ten calendar days from the start of the semester must be dropped from the class for NOT ATTENDING. Reinstatement requires the signature of the division dean.
- In the event it becomes necessary for a student to withdraw from the course *OR if a student stops attending class*, **it is the student's responsibility to initiate and complete the necessary paperwork.** Withdrawing from class may have consequences associated with financial aid and time to completion.
- When a student exceeds the allowed absences, the student is in violation of the attendance policy. The instructor MUST withdrawal the student with a grade of "W", "WP", or "WF" depending on the date the student exceeded the allowed absences and the student's progress up to the last date of attendance
  Or
  Under extenuating circumstances and at the discretion of the faculty member teaching the class, allow the student to continue in the class and make-up the work. This exception must be documented at the time the allowed absences are exceeded.
- Absences are counted from the first day of class. There are no "excused" absences. All absences are counted, regardless of the reason for the absence.
- A student must take the final exam or be excused from the final exam in order to earn a non-withdrawal grade.
- A copy of TCL's STATEMENT OF POLICY NUMBER: 3-1-307 CLASS ATTENDANCE (WITHDRAWAL) is on file in the Division Office and in the Learning Resources Center.

Hazardous Weather
In case weather conditions are so severe that operation of the College may clearly pose a hardship on students and staff traveling to the College, notification of closing will be made through the following radio and television stations: WYKZ 98.7, WGCO 98.3, WGZO 103.1, WFXH 106.1, WWVV 106.9, WLOW 107.9, WGZR 104.9, WFXH 1130 AM, WLVH 101.1, WSOK 1230 AM, WAEV 97.3, WTOC TV, WTGS TV, WJWJ TV, and WSAV TV. Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. www.tcl.edu/textalert.asp

Emergency Text Message Alert

Students, faculty and staff are highly encouraged to opt in to the Emergency Text Message Alert System. Participants receive immediate notification of emergency events and weather cancelations via text messaging on their cell phones. Participants can also opt in to receive non-emergency news and announcements. Go to www.tcl.edu. On the homepage, click on "emergency Text Alert at TCL" and fill out the form or go to www.tcl.edu/textalert.asp