

SYLLABUS

DATE OF LAST REVIEW: 02/1/2019

CIP CODE: 11.0801

SEMESTER: Departmental Syllabus

COURSE TITLE: HTML Web Page Development

COURSE NUMBER: CIST-0137

CREDIT HOURS: 3

INSTRUCTOR: Departmental Syllabus

OFFICE LOCATION: Departmental Syllabus

OFFICE HOURS: Departmental Syllabus

TELEPHONE: Departmental Syllabus

EMAIL: Departmental Syllabus
KCKCC issued email accounts are the official means for electronically communicating with our students.

CO-REQUISITE(S): CIST-0101 Computer Concepts and Applications, **OR**
CIST-0111 Microcomputer Business Software.

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, <http://www.kckccbookstore.com/>, for the required texts for your particular class.

COURSE DESCRIPTION:

This course is designed to assist students in the fundamentals of creating documents to be viewed on the World Wide Web. The instruction in Hypertext Markup Language (HTML) and XHTML in the creation of Web Pages as well as an introduction to Cascading Style Sheets (CSS) is included as a foundation to the construction of interesting Web Sites.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:

I. Hyperlink History

- A. SGML
- B. HTML
- C. Key terms
 - 1. Hyperlinks
 - 2. Home Page
 - 3. URL
 - 4. XHTML

II. HTML Fundamentals

- A. Head and body elements
- B. Text formatting with tags
- C. Establishing Hyperlinks
- D. Logical and Physical Styles
- E. Ordered and Unordered Lists
- F. Alignment
- G. Tables

III. Graphics

- 1. Graphic Images
 - 1. GIF
 - 2. JPG
 - 3. PNG
- B. Embedding static images
- C. Color and Texture

IV. Cascading Style Sheets

- A. Formatting with styles
 - 1. Local Styles
 - 2. Internal or Embedded Styles
 - 3. External Styles
- B. Layout with styles

V. Tables

- A. Tables used for displaying data
 - 1. Basic table tags
 - 2. Advanced table tags
- B. Using tables for Page layout

VI. Forms

- A. Creating simple forms
- B. Using form elements
 - 1. Radio
 - 2. Checkbox
 - 3. Text
 - 4. Textarea
 - 5. Select
- B. Submit and reset

1. Graphics as buttons

VII. Multimedia

- A. Plugins and players
- B. Linking to multimedia files
- C. Embedding Audio or Video

VIII. New Advances

EXPECTED LEARNER OUTCOMES:

- A. The student will be able to describe HTML/XHTML code
- B. The student will be able to identify basic HTML/XHTML code.
- C. The student will be able to create a basic web page
- D. The student will be able to show the use of graphics formats in relation to HTML.
- E. The student will be able to identify the different types of CSS.
- F. The student will be able to describe the use of lists.
- G. The student will be able to describe the use of links.
- H. The student will be able to describe the use of tables.
- I. The student will be able to describe the use of forms.
- J. The student will be able to enhance the web page with the use of multimedia.

COURSE COMPETENCIES:

Upon successful completion of this course:

The student will be able to describe HTML/XHTML code

- 1. The student will be able to define HTML.
- 2. The student will be able to define XHTML.

The student will be able to identify basic HTML/XHTML code.

- 3. The student will be able to explain the HTML/XHTML code for a basic web page.
- 4. The student will be able to create a template using HTML/XHTML code.
- 5. The student will be able to define the elements or tags of HTML/XHTML.

The student will be able to create a basic web page.

- 6. The student will be able to explain the proper order of basic web pages
- 7. The student will be able to describe the proper nesting order of tags/elements

The student will be able to show the use of graphic formats in relation to HTML/XHTML

- 8. The student will be able to describe the use of the gif graphic format.
- 9. The student will be able to describe the use of the jpg graphic format.
- 10. The student will be able to describe the use of the png graphic format.
- 11. The student will be able to create a basic web page using the image tag and Its attributes.

The student will be able to identify the different types of CSS.

- 12. The student will be able to describe the characteristics of a local or inline style.

13. The student will be able to describe the characteristics of a embedded or internal style.
14. The student will be able to describe the characteristics of an external style sheet.
15. The student will be able to create a web site using the different types of CSS

The student will be able to describe the use of lists.

16. The student will be able to identify the basic ordered, unordered and definition lists.
17. The student will be able to create a web site using ordered and unordered lists.

The student will be able to define the use of links

18. The student will be able to describe use of a local link and a web link
19. The student will be able to create a web page using local and web links.

The student will be able to define the use of tables.

20. The student will be able to describe the proper tags used in creating a simple table
21. The student will be able create a simple table on a web page.

The student will be able to define the use of forms.

22. The student will be able to describe the different types of inputs used in a form
23. The student will be able to create a simple form on a web page

The student will be able to enhance the web page with the use of multimedia..

24. The student will be able to describe the different types of multimedia.
25. The student will be able to add simple multimedia to a web page.

ASSESSMENT OF LEARNER OUTCOMES:

Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:

This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student's progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college's policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center at 913-288-7670.

All enrolled students at Kansas City Kansas Community College are subject to follow all rules, conditions, policies and procedures as described in both the Student Code of Conduct as well as the Student Handbook. All Students are expected to review both of these documents and to understand their responsibilities with regard to academic conduct and policies. The Student Code of Conduct and the Student Handbook can be found on the KCKCC website.