

CIS 205: Internet Development I

Course Syllabus - Fall 2010

Instructor Contact Information

Instructor: Mr. Alan Collard
Office: AJT 110c
Phone: 810.989.5620
E-mail: acollard@sc4.edu

I will be available to students outside of class by appointment or during my posted Office Hours.

Course Description

CIS 205. Internet Development I. This course provides an introduction to development and management of content for the Internet, specifically the World Wide Web (WWW). Techniques for planning, developing, organizing and maintaining WWW content and sites will be addressed. Through lecture and hands-on exercises, students will explore concepts and usage of HTML, Web-creation and management software and basic web scripting tools

Prerequisites

[CIS 115](#) Microcomputer Applications

Textbook(s)

1. Felke-Morris, Terry. Web Development & Design Foundations with XHTML. 5th ed Massachusetts: Pearson Education, Inc., 2011. ISBN: 978-0-13-212270-2.

Students may also benefit from reference guides of their own choosing for XHTML, CSS and other topics.

Course Materials

512MB+ USB Storage Device

Additional materials may be required by the instructor

Requirements

Final Grades for this course will be calculated as follows:

| | |
|----------------------|-----|
| Written Examinations | 30% |
| Final Exam | 15% |
| In-Class Exercises | 10% |
| Projects & Exercises | 45% |

1. Written tests will be given during the semester. These closed book tests will consist of some combination of Matching, True/False, Multiple Choice, Fill-In, Short Answer and Essay type questions.
2. The Final Exam will be comprehensive, covering all material given during the semester. (NOTE: The final exam is scheduled at a different time than the regular class time.)
3. Participation in class discussions and group exercises is an important part of this course, therefore all students are expected to attend class having read the textbook section for that day's lecture, and prepared to contribute to the discussion of course material.
4. Projects and exercises may include both written and laboratory work. Some assignments may be graded as simply completed or not completed.
5. Completed assignments must be submitted by the due date for full credit. The responsibility to complete make-up work rests with the **student**. Late assignments will be marked down **25%** for every week (or part of a week) they are late. For example: an assignment turned in eight days late would be marked down 50%.
6. All work must be submitted by the last regular class period to be considered for final grade evaluation.

Grading Scale

Grades will be determined according to a standard grading scale.

| | | | | | |
|-----------|------------|-----------|-----------|-----------|-----------|
| A | 92 - 100 % | B- | 80 - 81 % | D+ | 68 - 69 % |
| A- | 90 - 91 % | C+ | 78 - 79 % | D | 62 - 67 % |
| B+ | 88 - 89 % | C | 72 - 77 % | D- | 60 - 61 % |
| B | 82 - 87 % | C- | 70 - 71 % | E | 59 % |

Policies

1. This course contains a number of hands-on assignments and projects which require use of the computer. Though some class time will be given for these assignments, students should plan to use the computers available in the Library or in the Achievement Center during open hours, as **there will not be sufficient time to complete the assignments in class**. The classroom computers are generally **NOT** available outside of scheduled class time.
2. Many students enjoy using their own personal computers to complete assignments. Students are responsible for completing their homework assignments on the version of the software used in class. Students who do not have the correct version of the software should plan to use the computers on campus. *No additional consideration for late work will be made due to technical or software issues with your computer.*
3. Classroom Etiquette: Be courteous in class by participating in the classroom experience. All cell phones, pagers, etc. should be turned off or to silent during class. Cell phones may not be used in the classroom (talking/texting/browsing) at any time. Personal media players (iPod, etc.) and computers should be put away and not used during class. Students who participate in disruptive behavior will be asked to leave the classroom.
4. All students are expected to be familiar with **and to follow** all of the guidelines set forth in the SCCC Student Code of Conduct, [available online](#) or in the college catalog. Of particular importance to students in this course are the sections on Technology and Academic Honesty (see 5 & 6 below).
5. Use of classroom computers is governed by the Acceptable Use Policy available in the Student Code of Conduct. Use of the classroom computers is reserved for class work only; students may not use classroom computers to work on personal work or visit sites such as Facebook, MySpace, eBay, iTunes or other non-class related sites.
6. St. Clair County Community College considers academic honesty to be an integral necessity of all academic performance. Instances of academic dishonesty will be treated as serious offenses. Students involved in activities such as cheating and/or plagiarism will be subject to disciplinary action.
7. Americans with Disabilities Act (ADA): St. Clair County Community College is committed to providing equal educational opportunities regardless of a student's disability. If you have a need for a disability accommodation or service, please contact the Achievement Center (located in the College Center, B100) by calling 810-989-5555. Reasonable accommodations and services will be provided to students with appropriate documentation from the Achievement Center, in accordance with federal, state, and the St. Clair County Community College guidelines.
8. Students are expected to keep current with all course work. Students who, for whatever reason, fall behind and are unable to complete the course requirements before the end of the semester are encouraged to withdraw and re-take the course at a later date. Incomplete grades are extremely rare, and will only be given if 90% of the course material prior to the final exam has been completed satisfactorily.

Course Objectives

When students complete the course, they will be able to:

1. Describe the function and relationships of the Internet, Web Server and Web Browser.
2. Explain the composition and organization of documents on the World Wide Web.
3. Describe the purpose and syntax of HTML.
4. Use a text editor to create simple HTML pages.
5. Plan and create a new web site.
6. Use a WYSIWYG editor to create a web page.
7. Modify an existing web page.
8. Change the formatting of web pages.
9. Demonstrate how to enhance web pages by:
 - a. Adding hyperlinks
 - b. Creating hot spots on pages
 - c. Adding scrolling text boxes
 - d. Adding images to a web page
 - e. Importing files
10. Describe forms for user input.
11. Use forms for user input.
12. Convert web file formats.
13. Use web form "widgets" such as check boxes, radio buttons, drop down pick lists, and push buttons.
14. Discuss the purpose of web "scripts".
15. Describe various types of web script development tools.
16. Utilize existing scripts from a web page.
17. Modify web scripts.
18. Create web scripts.
19. Manage a web site.
20. Update a web site.
21. Explain the configuration and maintenance of a web server.