VCD 46000 and CS 4/57105 Web Design and Programming I

The lab-oriented course is organized and taught jointly by CS and Arts faculty and meets twice a week. Students form teams to design and implement actual Web pages and present their final projects at the end of the semester.

During the first week teams, consisting of CS and VCD students, will be formed.

Prerequisites

VCD 37000 (or permission), Students should have enough programming and Web usage experience.

Requirements

- Mid-term exam 30%
- Homework assignments 40%
- Project milestones and finished team
project 30%

- No final exam

Attendance in classes is very important. Team leaders will keep attendance records for each class and report missing team members to the instructors by email. Instructors may take roll calls from time to time. This is to follow new University rules for keeping track of student attendance.

**Major Topics**

- Introduction to the Internet and Web
- Web publishing tasks and tools
- Web site design methodology
- Hypertext Markup Language --- XHTML, Cascading style sheets
- Tools for creating art and content for Web pages, photoshop, IDLs.
- Cascading Style Sheets (CSS)
- Visual Communication on the Web
- Artistic and logical Design of Web pages
- HTTP and CGI and CGI applications
- Server-side scripting --- Perl, HTTP, and CGI
- Client-side scripting --- DHTML, DOM and JavaScript

**Text And References**

1. Textbook: *Introduction to Web Design and Programming*
   Paul Wang and Sanda Katila,
   Brooks/Cole Publishing, (to appear) Fall 2003 (Read/print Final Manuscript online)
2. See textbook website for resources and links

Expectations for Students

WDP-1 is the first course in the Web Design and Programming (WDP) sequence that includes also WDP-2 and WDP-Studio. Based on sufficient background in CS (Computer Science) and VCD (Visual Communication Design), WDP-I focuses on the basic principals and techniques for building highly effective and attractive websites conforming to open standards. The course combines and integrates computer science topics with VCD topics. It follows the textbook by Paul Wang and Sanda Katila closely.

While we are not expecting VCD students to become expert programmers we do expect them to pick up basic programming skills in HTML, CSS, and Javascript to help their design work and to collaborate with programmers effectively.

Similarly, while we do not expect CS students to become expert designers, we do expect them to understand design concepts, to know how to use design and image processing tools, and to collaborate with designers by incorporating their design into a well-constructed Web site.

Here we list what we expect the course to teach and students to learn.

Expectations for VCD students
• VCD topics: Understanding and application of core web design principles and elements, information architecture, layout grids, page structure, use of photoshop and dreamweaver.

• CS topics: HTTP concepts, XHTML, CSS, Javascript, HTML+CSS for page layout, form layout, page templates, basic DHTML/DOM, basic form processing

Expectations for CS students

• VCD topics: Understanding of core web design terminology, ability to review, critique and communicate in design terms, basic application of design principles, information architecture, layout grids and page structure.

• CS topics: HTTP protocol, hand coding of XHTML to pass validation, CSS and table for page layout, in-depth CSS, Javascript, DOM, DHTML, forms and form processing (CGI), HTML, CSS, and Javascript troubleshooting/debugging, effective collaboration with designers.

Registration Requirement

The official registration deadline for this course is 09-13-2009. University policy requires all students to be officially registered in each class they are attending.
Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashFast) prior to the deadline indicated. Registration errors must be corrected prior to the deadline.

The last day to withdraw is 11-08-2009.

**Student Accessibility Policy**

University Policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

**STUDENT CHEATING AND PLAGIARISM: Condensed Version**

[ For the complete policy and procedure, go to www.kent.edu/policyregister and search for policy 3342-3-01.8, or see http://www.kent.edu/policyreg/chap3/3-01-8.cfm or http://www.kent.edu/policyreg ]
Cheating and plagiarism constitute fraudulent misrepresentation for which no credit can be given and for which appropriate sanctions are warranted and will be applied. The university affirms that acts of cheating and plagiarism by students constitute a subversion of the goals of the institution, have no place in the university and are serious offenses to academic goals and objectives, as well as to the rights of fellow students.

"Cheat" means to intentionally misrepresent the source, nature, or other conditions of academic work so as to accrue undeserved credit, or to cooperate with someone else in such misrepresentation. Cheating includes, but is not limited to:

1. Obtaining or retaining partial or whole copies of examinations, tests or quizzes before these are distributed for student use;
2. Using notes, textbooks or other information in examinations, tests and quizzes, except as expressly permitted;
3. Obtaining confidential information about examinations, tests or quizzes other than that released by the instructor;
4. Securing, giving or exchanging information during examinations;
5. Presenting data or other material gathered by another person or group as one's own;
6. Falsifying experimental data or information;
7. Having another person take one's place for any academic performance without the specific knowledge and permission of the instructor;
8. Cooperating with another to do one or more of the above;
9. Using a substantial portion of a piece of work previously submitted for another course or program to meet the requirements of the present course or program without notifying the instructor to whom the work is presented; and
10. Presenting falsified information in order to postpone or avoid examinations, tests, quizzes, or other academic work.

“Plagiarize” means to take and present as one’s own a material portion of the ideas or words of another or to present as one’s own an idea or work derived from an existing source without full and proper credit to the source of the ideas, words, or works. As defined, plagiarize includes, but is not limited to:

a. The copying of words, sentences and paragraphs directly from the work of another without proper credit;

b. The copying of illustrations, figures, photographs, drawings, models, or other visual and nonverbal materials, including recordings of another without proper credit; and

c. The presentation of work prepared by another in final or draft form as one's
own without citing the source, such as the use of purchased research papers.

**Academic Sanctions, From Section D**

The following academic sanctions are provided by this rule for offenses of cheating or plagiarism. Kent campus instructors shall notify the department chairperson and the student conduct office each time a sanction is imposed. Regional campus instructors shall notify the regional campus dean and the student conduct officer each time a sanction is imposed. Regional campus student conduct officer shall notify the Kent student conduct office each time a sanction is imposed by a regional campus Instructor. The following academic sanctions are provided by this rule for offenses of cheating or plagiarism. In those cases the instructor may:

1. Refuse to accept the work for credit; or
2. Assign a grade of "F" or zero for the project, test, paper, examination or other work in which the cheating or plagiarism took place; or
3. Assign a grade of "F" for the course in which the cheating or plagiarism took place; and/or;
4. Recommend to the department chair or regional campus dean that further action specified in the rule be taken. The department chairperson or regional campus dean shall determine whether or not to forward to the academic dean
or to the vice president for the extended university a recommendation for further sanction under this rule.

**Procedures for invoking sanctions (From Section E)**

(1) Academic administrative procedures pertaining to paragraph (D)(1)(a) of this rule. In the event that an instructor determines that it is more probable than not that a student in a course or program under the instructor's supervision has presented work for university credit which involves an act of cheating, plagiarism or cooperation in either, then the instructor shall:

(a) Inform the student as soon as is practical, in person or by mail, of the belief that an act of cheating or plagiarism has occurred. If the student cannot be reached in a reasonable period of time, the instructor may proceed with sanctions, notifying the student in writing as promptly as possible of the belief and the procedural steps the instructor has taken.

(b) Provide the student an opportunity to explain orally, in writing, or both, why the student believes the evaluation of the facts is erroneous.

(c) If the explanation is deemed by the instructor to be inadequate or if no explanation is offered, the instructor may impose one of the academic sanctions listed in paragraph (D)(1)(a) of this rule. Where
appropriate, the instructor may recommend the imposition of academic sanctions listed in paragraph (D)(1)(b) of this rule. In addition, the instructor may refer the matter to the dean of the college, campus, or school in which the student is enrolled for imposition of academic sanctions listed in paragraph (D)(1)(b) of this rule.

(d) The instructor shall notify the office of judicial affairs of the circumstances and action taken. Such notification will be used as background information in the event that formal conduct charges are initiated against the student.

(e) The instructor shall inform the student in writing of the right to appeal, and the procedure to follow.

(f) The instructor shall keep the evidence of cheating or plagiarism in a secure place and provide it upon request to any appeals officer or the conduct officer. The instructor shall provide copies on request to the student at the student's expense.

(g) The instructor shall cooperate with academic and student conduct personnel in any appeal of the decision, and/or in adjudication of any disciplinary proceedings.

**Academic Appeals**

The general principle that applies to the following procedures is that an appeal is directed to the administrative level
immediately above the unit from which the appeal emanates. Appeals are limited to the following reasons:

a. The decision is arbitrary or unreasonable,

b. The decision resulted from a procedural error,

c. The decision is not in accordance with the facts presented,

d. New information is available which may suggest modification of the decision.