Internet Systems Programming
3460:307
Fall 2012

Class Meets: MW 5:10-6:25 p.m., CAS 136
Instructor: Dr. Natalia Dragan
Office: CAS 233
Phone: 330-972-????
Office Hours: MW 4:00-5:00 p.m. or by appointment.
Course Web Page: http://www.cs.kent.edu/~ndragan/Teaching/Fall2012/ISP
Prerequisite: 3460:209 and 210

Course Description:
This course is an introduction to Web-based programming. Topics include HTML, XHTML, DHTML, XML, CSS, JavaScript, PHP, Servlet, JSP, ASP.NET, Perl, MySQL, Ruby, Rails, and Ajax. The students will learn the basic concepts of WWW client-server communications and the skill to use the above tools to create Web applications.

Text Book:

Topics:
1. Internet Basics
2. HTML and XHTML, Forms
3. CSS
4. JavaScript, form programming, and DHTML
5. XML
6. Servlets and JSP
7. PHP
8. Database Access and MySQL
9. Ruby and Rails
10. Ajax
11. ASP.NET

Grading: The course grade is based on a student's overall performance through the entire semester. The final grade is distributed among the following components:
- Assignments: 25%
- Project: 25%
- Midterm Exam: 20%
- Final Exam: 25%
- Class participation: 5%

Assignments (25%)
A number of assignments (4-5) will be given periodically during the term. These are meant to provide a means to apply the material projected in class. These will take between 1-2 weeks to complete.
**Project (25%)**
A group project consisting of 2-4 team members will be assigned. A number of project topics will be made available. More details will be available on the course webpage.

**Midterm Exam (20%)**
There will be one midterm test. A study guide for the test will be posted on the webpage. The test will be announced at least one week in advance.

**Final Exam (25%)**
The final exam is **comprehensive**.

**Class Participation (5%)**
To provide immediate practice of material presented in class, exercises will be assigned periodically throughout the semester and will count for 5% of your overall grade. They may be integrated into the lecture, i.e., assigned and completed during a class period, or be assigned as homework.

**Grading scale:**
- A: 94%-100%
- A-: 90%-93.9%
- B+: 87%-89.9%
- B: 84%-86.9%
- B-: 80%-83.9%
- C+: 77%-79.9%
- C: 74%-76.9%
- C-: 70%-73.9%
- D+: 67%-69.9%
- D: 64%-66.9%
- D-: 60%-63.9%
- F: Less than 60%

**Examination Policy:** All exams include material covered in the classroom, assignments and class exercises before the exam date. A study guide for each test will be posted and discussed in advance. **The tests will be closed book, closed notes.** Questions may be asked in forms including essay/explain and writing simple programs.

**Make-Up Exam Policy:** Ordinarily, no make-up examinations will be given. Make-up examination will be considered only in case of documented emergencies and only when the instructor is notified about the emergency as soon as possible. If this is not done, the grade is automatically 0 for that examination. It is the responsibility of the student to contact the instructor for arranging a make-up time. Written verification for the student’s inability to take an exam will be required.

**Homework Policy:** All homework and assignments are due on the specified date. All programs are due by the Friday before final exam week. An assignment must be in the repository before 11:59 PM on the specified day. All assignments must be individually and independently completed and must represent the effort of the student turning in the assignment. Should two or more students turn in substantially the same solution or program, in the judgment of the instructor, the solution will be considered a group effort. Both or all involved in group-effort homework will receive a zero grade for that homework/assignment. A student turning in a group-effort homework/assignment more than once will automatically receive an "F" grade for the course. Submission of work that is entirely or partly not yours will be reported to the **Office of Student Conduct**.

**Late Assignment:** An assignment is to be turned in on the day it is due. An assignment turned in later than the due date will be penalized 10% of the total possible points for the assignment for each calendar day late.

**Registration:** All students attending the class must register. Students whose names do not appear University's official 15-day class list will not be permitted to participate (attend class, take exams, or receive credit.) Note that the University has a new withdrawal policy. Consult University information for specific dates and policies.

**Special Notice:** Any student who feels she/he may need an accommodation based on the impact of a disability should contact the Office of Accessibility at 330-972-7928. The office is located in Simmons Hall,