SYLLABUS
SPRING SEMESTER 2013

CSC 301 – WEB PROGRAMMING

INSTRUCTOR: Dr. Charles E. Frank
OFFICE: GH 510
PHONE: (859) 572-5320 (office)
EMAIL: frank@nku.edu
WEB PAGE: http://www.nku.edu/~frank/CSC301Spring2013.html

OFFICE HOURS:

- Tuesdays & Thursdays: 8:45 AM to 9:15 AM
- Tuesdays & Thursdays: 12:30 PM to 1:30 PM
- Tuesdays & Thursdays: 3:00 PM to 4:30 PM

{Students are encouraged to see me at other times when I am free.}

PREREQUISITE: C or better in INF 260 and INF 286.


RECOMMENDED READING:


DEPARTMENT SYLLABUS:
The general syllabus for all Computer Science and Computer Information Technology courses is a part of the syllabus for this course.

GRADES: Two Examinations...............................20%
Comprehensive Final Examination...............20%
Homework and Computer Exercises ..............55%
In-Class Exercises.....................................5%
GRADING SCALE:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100</td>
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<tr>
<td>A-</td>
<td>90-92</td>
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<tr>
<td>B+</td>
<td>87-89</td>
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<tr>
<td>B</td>
<td>83-86</td>
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<tr>
<td>B-</td>
<td>80-82</td>
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<td>C+</td>
<td>77-79</td>
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<td>C</td>
<td>73-76</td>
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<td>C-</td>
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<td>D+</td>
<td>67-69</td>
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<tr>
<td>D</td>
<td>60-66</td>
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<tr>
<td>F</td>
<td>0-59</td>
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In the homework assignments and computer exercises, you will demonstrate your knowledge of applying web development technology and concepts. In some of the computer assignments, you will web development problem solving.

Exams are given to help you consolidate your learning from the class and to provide both student and instructor with an assessment of how you have learned to think about web programming. The exams are designed to test higher order learning, i.e., your ability to apply what you’ve learned, not simple memorization of facts.

FINAL EXAMINATION: 10:10 A.M. – 12:10 P.M. on Tuesday, May 7, 2013

STUDENT LEARNING OUTCOMES: Upon successful completion of this course, the students should be able to:

1. Create static web content with XHTML;
2. Use some of the JavaScript capabilities to add interactivity and functionality to web pages;
3. Use proficiently one of the most popular web programming / scripting languages, PHP, to create dynamic web sites, which are customizable and contain real-time information. Specifically, the following PHP topics are thoroughly covered and students will be able to: use variables, expressions, decision and repetition statements, arrays; store and retrieve data from files; manipulate strings and use regular expressions; write functions and reuse code; make use of PHP’s object-oriented features; make use of PHP’s exception handling mechanism; access MySQL databases with PHP; maintain state using sessions;
4. Use some simple web-oriented database techniques with MySQL;
5. Create web-based client-server, simple three-tiers applications;
6. Understand and use some issues around designing and testing client-server programs (there are differences from programming for a single computer);
7. Use the increasingly popular Ajax programming, a Web 2.0 technique meant to enhance the interaction between web clients and servers while reducing the time spent retrieving static elements.
CLASS POLICIES: Attendance will only be recorded the first three weeks of classes. Students may be administratively dropped during that time for non-attendance. However, if you miss a class (at any time during the semester!) you are responsible for the material covered and the assignments given in that class period.

ATTENDANCE: Students are responsible for all materials assigned or covered in class. Attendance will not be taken. Examination dates will be announced in advance. Missed examinations may be made up only under extreme circumstances.

WITHDRAWALS: Students may withdraw without penalty up to Monday, March 25, 2013. Withdrawals after this date are generally not permitted.

ASSIGNMENTS: Homework and computer assignments will be accepted for full credit on the date due. Late homework and computer assignments will be accepted only up to one week late for partial credit. No homework or computer assignments will be accepted after the start of the final examination.

STUDENT RETENTION AND DISABILITY SERVICES: Students experiencing roadblocks to academic success may seek assistance from Retention Coordinators in Student Retention and Assessment (SRA). Financial, personal, and social concerns sometimes interfere with the dedicated focus needed to be successful in college. SRA helps students connect to academic and support services, create individual learning plans, and advance successfully towards graduation. More information is available at www.nku.edu/~retention. Call 859 572 6497 for an appointment or stop by University Center 352.

Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Disability Services Office. Please contact the Disability Service Office immediately in the University Center, suite 320 or call 859-572-6373 for more information. Verification of your disability is required in the DSO for you to receive reasonable academic accommodation. Visit our website at http://www.nku.edu/~disability

ACADEMIC DISHONESTY: The work that you submit in this course is subject to Northern Kentucky University’s Student Honor Code (see http://www.nku.edu/~deanstudents/documents/StudentHonorCode-Fall2007.pdf.) Issues involving academic dishonesty are taken very seriously by this instructor and are dealt with according to College and Department policy. Academic dishonesty includes but is not limited to:
1. Improper access to evaluation material or records.

2. Submission of material which is not the student’s own work.

3. Conduct which interferes with the work or evaluation of other students.

Some specific examples of dishonesty include:

1. Copying from another person, book, magazine, or other electronic or printed media.

2. Obtaining another person’s exam answer or answers.

3. Assisting another student in submitting work that is not the student’s own.

It is unacceptable to share homework or computer assignment solutions. It is acceptable and often a good idea to talk about homework and computer assignment solution strategies, but it is not acceptable to share actual solutions to homework or computer assignment problems. Any act of academic dishonesty will result in a grade of zero (0) for that item for the first occurrence. An automatic F in the course will result for the second offense. This policy holds for homework and computer assignments, as well as for tests. In order to be fair, penalties will be applied to all parties involved regardless of culpability or fault.

THE INSTRUCTOR RESERVES THE RIGHT TO ALTER THIS SYLLABUS IF CIRCUMSTANCES DICTATE.