Course Information

**Professor** Bob Kinicki, rek@cs.wpi.edu, FL135, phone: 831-6116
**Course Web page:** http://web.cs.wpi.edu/~rek/Undergrad_Nets/B05/B05.html
**Teaching Assistants:** Mingzhe Li lmz@cs.wpi.edu, Feng Li lif@cs.wpi.edu

**Office Hours:** TBA on web page
**Texts:** [required] Computer Networks, Fourth Edition, Andrew Tanenbaum

This course introduces students to the basic principles of computer networks. Although current technologies are discussed, the emphasis is on understanding the important issues in modern computer networks that affect design and implementation. The programming assignments require a good background in programming in C or C++ and will involve UNIX system calls.

Students are responsible for **any** information given out in class!

**Class Email:** Students should check their email daily. You will be added to the class email list, cs4514-all@cs.wpi.edu, automatically based on official registration information. The TA and I will use this mailing list to send information to the class. You can send email to the entire class using this group alias. However, judicious and courteous use of this class alias is expected. Inquiries concerning the course should be sent to cs4514-ta@cs.wpi.edu. The TAs will monitor this list and answer detailed questions. I will handle all policy issues.

**Programming Assignments**

http://www.cs.wpi.edu/Help/documentation-standard.html specifies the CS Department Documentation standards. Documentation rules will be discussed in class prior to the first due date. Every function or subroutine must include the author of the function. This is critical to grading team projects.

You must use **turnin** to turn in all the programming assignments for this course (see http://www.cs.wpi.edu/Help/turnin.html). Please include a README file with each assignment to provide information to assist the TA in grading your programs. All programs must compile and execute on one of the WPI Linux platforms. You are encouraged to develop your programs on WPI Linux machines because historically students have had difficulties porting their programs from other operating systems and because there will be test files available on CCC machines. Turned-in programs that do not successfully compile will not be graded and will receive a grade of 0. Programs without comments will also not be graded and will receive a grade of 0.
Latex Assignment Credit

Programs that are late time $t$ where:

0 minutes < $t$ <= 1 day lose 10% off the top of the maximum point count before the rest of the grading begins

1 day < $t$ <= 3 days lose 30% off the top of the maximum point count before the rest of the grading begins

3 days < $t$ the maximum grade attainable is only 50% of the original possible points.

Weekend days (Saturday and Sunday) are excluded from the count of late days. NOTE: Programs are due at the exact time specified. Hence, the late time, $t$, given above is measured from time specified with the due date.

No programs will be accepted for grading after 5 p.m., Friday, December 16, 2005.

Grading Points

To pass this course you must have a passing grade on the programming assignments AND on the exams.

<table>
<thead>
<tr>
<th>Assignment 1</th>
<th>30 Pts</th>
<th>First Exam</th>
<th>80 Pts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignment 2</td>
<td>50 Pts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design Report</td>
<td>40 Pts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assignment 3</td>
<td>30 Pts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assignment 4</td>
<td>60 Pts</td>
<td>Final Exam</td>
<td>100 Pts</td>
</tr>
<tr>
<td>Programming Total</td>
<td>210 Pts</td>
<td>Exam Total</td>
<td>180 pts</td>
</tr>
<tr>
<td>*Subjective Points</td>
<td>25 Pts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Points</td>
<td>415 Pts</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Subjective points come from opinions of the instructor and the TA with respect to class participation, any homework assignments, and effort seen through interaction with the TA on programming assignments. Please be sure to introduce yourself during office hours if you want to receive subjective points. These subjective points are not guaranteed at all!