

## Course Information

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Web page: [http://web.cs.wpi.edu/~rek/Grad\\_Nets/Spring2006/Spring2006.html](http://web.cs.wpi.edu/~rek/Grad_Nets/Spring2006/Spring2006.html)

Office Hours: TBA on web page

## Texts:

**[required]** *Computer Networks, Third Edition*, Larry Peterson and Bruce Davie

**[recommended]** *UNIX Network Programming, Third Edition*, W. Richard Stevens

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.

**Class Email:** Students should check their email **daily**. You will be added to the class email list, [cs513-all@cs.wpi.edu](mailto:cs513-all@cs.wpi.edu), automatically based on official registration information. You can send email to the entire class using this group alias. However, judicious and courteous use of this class alias is expected.

## Programming Assignments

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

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.

## Course Grade

The following itemized list gives an approximate percentage of each component of a student's final grade in CS513/ ECE506:

Mid Term Exam	20%	100 pts.
Final Exam	30%	150 pts.
Design Report	10%	50 pts.
Final Course Project	25%	125 pts.
Wireless Measurement Assignment	10%	50 pts
Class Participation/ Subjective Component	5%	25 pts.

**Total**

**500 pts.**