

CS4121 Data Communications & Computer Networks I

Semester

Instructor Dr. Zhiguang Xu
Office 2159, Nevins Hall
Office Hours TBD
Phone 229-333-5783
Web Page <http://www.valdosta.edu/~zxu>
Email zxu@valdosta.edu (We primarily communicate through emails in WebCT. **So do NOT write to my Valdosta address directly.**)

Textbook(s) *Computer Networking, A Top-Down Approach, 4th edition*
By James F. Kurose, and Keith W. Ross
Publisher: Addison-Wesley
ISBN: 0-321-49770-8

Course Coverage

Chapter 1 Computer Networks and the Internet
 The Network Edge
 The Network Core
 Delay, Loss, and Throughput in Packet-Switched
 Networks
 Protocol Layers and Their Service Models

Chapter 2 Application Layer
 Principles of Application Layer Protocols
 The Web and HTTP.02 495.55 Tm(I)13(S)-BT/F4 12 Tf1 0 0 mT97ETBT/F1

inside a Router
The Internet Protocol (IP): Forwarding and Addressing in
the Internet
Routing Algorithms
Routing in the Internet

Chapter 5 Link Layer and Local Area Networks
Error-Detection and Correction Techniques
Multiple Access Protocols
Ethernet
Link-Layer Switches

Grading Policy

Your grade will be calculated based on *unevenly weighted* 8+ assignments and 2 tests. The material in the book can be categorized into the following three portions: those subjects that I elaborate and discuss in class; those subjects that you are asked to go over yourselves after class; and those that I would skip explicitly due to time constraints. Questions in the assignments and tests come from the first two only.

Grading scale:

<i>Final Grade</i>	<i>Credit</i>
A	90-100 (including 90)
B	

Attendance and Absence

You are expected for every scheduled class meeting (be on time and stay for the full class period).

ADA

Students requiring classroom accommodations or modifications because of a documented disability should discuss this need with me at the beginning of the semester. For additional information, please contact the Special Service Program in Room 1115 Nevins Hall. The Special Services office may be reached by telephone at 229-245-2498.

Important Dates

TBD