CSCI 340-01 Networking

Gary Lewandowski
CSCI 340 Networking
Spring 2014
Syllabus

Instructor: Gary Lewandowski
Office: Hinkle 101
email: lewandow@xavier.edu
Class Time: MW 6:00 - 7:15 pm
Location: Logan 105
Office Hours:
  Monday 1 - 2 pm, 7:30 - 8:30 pm
  Wednesday 12 - 1 pm, 7:30 - 8:30 pm
  Friday 12 - 1 pm
Also by appointment

Textbook: Computer Networking: A Top-Down Approach, 6th edition, Kurose and Ross. ISBN 9780132856201. You should also get an access code so you can use the website resources that include handouts, applets, laboratory assignments and programming assignments.

Goals of the Course

Students will

• understand the terminology and basic concepts of networking deeply enough to be able to define term, and explain the workings of the network at each of the levels studied.
• understand the role of protocols, be able to explain several common protocols, and be capable of implementing one of reasonable complexity.
• be able to write applications at various levels of the network model.
• demonstrate comfort discussing and exploring networking concepts.

Assessment

• Midterm: 15%, tentatively scheduled for February 26.
• Final: 15% 6:00 - 7:50 pm, Wednesday May 7.
• Projects and Labs: 40%
• Homework: 10%
• Quizzes: 10%
• Group problem solving / class professionalism: 10%

The Department of Mathematics and Computer Science follows the following grading standard:
A: Exceptional
The student's attainments are out of the normal course, unusual and special.

B: Good
The student's performance is done rightfully or skillfully and is commendable.

C: Satisfactory
The student's accomplishments are sufficient for the needs of the course.

D: Minimal passing
F: Failure

Late Policy

Though not a fan of late assignments, I understand you and/or your team may feel the need for additional time. You will start the semester with four late days. Late days may be used on projects and labs. Each unused late day will be given as a bonus point on the final exam.

If you go over your late days in the course, the late assignment will lose 10 percent of the total possible points each day. No assignment can be turned in more than 10 days late.

The daily homework is due at the beginning of class on the due date. Some class discussion will of course revolve around the assignments. Because this homework will be discussed, homework cannot be turned in late.

We will quizzes approximately each Thursday. Your lowest quiz grade will be dropped. The quizzes will be online and you will have a window in which to take them, but quizzes will be unavailable after the assigned time window in which you are asked to take it.

Exceptions for emergencies, accompanied by a note from the proper authority (e.g., God, a doctor, the president), might be granted.

Tentative Schedule

Week 1: overview Chapter 1
Week 2-3: Application Layer Chapter 2
Week 4-6: Transport Layer Chapter 3
Week 7: Review, Midterm
Spring Break
Week 8-9: Network Layer Chapter 4
Week 10-11: Link Layer Chapter 5
Week 12: Wireless / Mobile Chapter 6
Week 13: Multimedia Networking Chapter 7
Easter Break
Week 14-15: Security Chapter 8

Final Exam, Wednesday May 7, 6 - 7:50 pm