CS 462 - Computer Networks

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Evaluation:
Lab Project: 60%
Midterm Exams: 20%
Final Examination: 20%

To pass this course, you must pass all exams AND lab assignments.

Note: All assignments must be typed and submitted at the beginning of class. No makeup exams will be given unless prior notification of authorized absence is received at least 24 hours before the exam. Failure to take an exam without any authorization will result in a score of zero. An email or telephone call before the exam is usually sufficient. You must have documentation of the extenuating circumstance that prevented you from taking the exam if prior notification is not possible.

Technical Paper Specifications
If an assignment requires the submission of a written paper, the following paper format must be used. Failure to comply will result in point deductions.

Course Outline

1. What constitutes a computer network? (1 week)
2. Overview of Networking Protocols. (1 week)
3. Protocol Implementation. (2 weeks)
4. Physical link control. (2 weeks)
5. Data Link control and local area networks (LANs). (2 weeks)
6. Bridging and routing in LANs. (2 weeks)
7. Packet Switching and Routing Protocols. (3 weeks)
8. Wireless Protocols. (1 week)
9. Network Security and IPv6 (0.5 week)
10. State-of-the-art in high-speed network deployment (0.5 week)
Important Deadlines:

**Usually, by the end of the 1st week:**
- Last day to register or add full-semester classes on My Blugold CampS without instructor approval

**By the end of the 2nd week:**
- Last day to drop full-semester class with no record
- Last day to register or add full-semester classes without Associate Dean’s approval
- Last day to change grading basis to/from Audit
- Last day to change grading basis to/from Satisfactory/Unsatisfactory without Associate Dean’s approval

**Five weeks before finals week:**
- Last day to withdraw from the university with “W” grades
- Last day to drop individual classes with a “W” grade

Attendance:

*Attendance is not counted towards any portion of your grade.* As a general rule, make ups for missed in-class activities, quizzes, exams, etc. will be provided only when due to an authorized absence. It is the student’s responsibility to inform the instructor of such situations and to provide appropriate documentation.

Students will need to consult with the instructor regarding the nature of the make ups and due dates. Work that is late for non-authorized reasons will not receive full credit and if is too late, it will not receive any credit. Although students will not be penalized when absences are authorized, it is important to understand that in some cases the make-up work may be significantly different from the original assignments, exams, etc.

ADA:

*Any student who has a disability and is in need of classroom accommodations, please contact the instructor and the Services for Students with Disabilities Office in Old Library 2136 at the beginning of the semester.*

Cheating:

All tests, homework, and programs must be retained as proof of scores received. The departmental policy on plagiarism and collaboration will be honored. Students violating the policy will be subject to disciplinary action as prescribed by the *University of Wisconsin System Student Disciplinary Procedures Chapter 14 U.W.S. as passed by the Board of Regents and implemented by UWEC.* Disciplinary action for this course includes, but is not limited to, failure of the course.

Computer Usage:

Students are given access to computers maintained by the Department of Computer Science for educational purposes only. Access may be denied or suspended if the resources are used inappropriately.
Classroom Civility

As members of this class, we are members of a larger learning community where excellence is achieved through civility. Our actions affect everyone in our community. Courtesy is reciprocated and extends beyond our local setting, whether in future jobs, classes, or communities. Civility is not learned individually, it is practiced as a community.