THE UNIVERSITY *of*
NEW ORLEANS

DEPARTMENT OF COMPUTER SCIENCE

Syllabus, Fall 2021

CSCI **4311 / 5311**: *Computer Networks and Telecommunications*

Class-Time:	Monday – Wednesday - Friday: 11:00am – 11:50am
Place:	**Hybrid - Math322 and Online**
Zoom Link:	https://uno.zoom.us/j/87029797382?pwd=ajlzQ09QNkp5eUhjRlo0T0VNakVwdz09
	Meeting ID: 870 2979 7382, **Password:** 350436
Professor:	Abdullah Yasin NUR
Contact Info:	**Email** ➢ *ayn@cs.uno.edu*
	Office Hours ➢ Monday, Wednesday, Friday: 01:00pm to 03:00pm
	in **Math329-A** and **Zoom**

Prereqs: CSCI 2125 - Data Structures, CSCI 2450 - Machine Structure and Assembly Language Programming

Textbook: Computer Networking: A Top-Down Approach, 7th Edition, by James Kurose and Keith Ross, ISBN-13: 9780133594140, ISBN-10: 9780133594140

Side book: Computer Networks, 5th Edition, by Andrew S. Tanenbaum and David J. Wetherall, ISBN-13: 9780132126953, ISBN-10: 0132126958

Objectives: The primary goal of the course is to introduce students to computer networking concepts as they exist on the Internet. Specifically, students who have successfully completed the course will gain fundamental understanding of the following concepts:

- The overall architecture of the Internet
- Essential reliability and congestion control mechanisms
- Internet addressing and routing
- Common LAN technologies
- Network security basics
- Quality-of-service and software-defined networking
- Basic practical skills in socket programming and public protocol implementation

Marks Distribution for 4311:

Homework (**2**) (Equally Distributed)	➔15%
Programming Assignment (**3**) (Best 2 out of 3)	➔30%
Midterm Examination (**Must attend to pass**)	➔25%
Final Examination (**Must attend to pass**)	➔30%

Marks Distribution for 5311:

Homework (**2**) (Equally Distributed)	→15%
Programming Assignment (**3**) (Equally Distributed)	→35%
Midterm Examination (**Must attend to pass**)	→25%
Final Examination (**Must attend to pass**)	→25%

Grading: A: [90 – 100] %, B: [80-90) %, C: [70-80) %, D: [60-70) %, F: < 60%.

Important Dates (Tentative except Final Exam)

Midterm:	Oct 8
HW1:	Sep 24 – Oct 1
HW2:	Nov 15 – Nov 22
Programming Assignment 1:	Sep 1- Sep 22
Programming Assignment 2:	Oct 15 - Nov 1
Programming Assignment 3:	Nov 5 - Nov 29
Final Exam:	Dec 8, 10:00 am – 12:00 noon

Classes:

Classes will be face-to-face and live on Zoom at the class hours. Zoom link is provided at the beginning of this syllabus. The classes will be recorded and uploaded to a private YouTube channel designated to this class. The links will be available on Moodle. In case you miss the live class, you will be able to watch it later.

Office Hours:

I will hold my office hours in my office and on Zoom. You can also send me an email and schedule a meeting other than my office hours.
Zoom Link for Online office hours:
https://uno.zoom.us/j/89909517265?pwd=Y1AvZDBxWER5Qmhua0RSeGZGQnJ3QT09
Meeting ID: 899 0951 7265
Passcode: 944694

Assignments:

Course projects are an integral part of the course; it is assumed that you have a regular access to computer with Java installed.
Expect to be busy with assignments - most of the time there will be an outstanding assignment of some kind so plan accordingly.
Programming assignment submissions must strictly adhere to the requirements of the assignment. Those that do not, will not be graded.

Due Dates:

Every assignment handed out will be clearly marked with a due date. You are responsible for handing in your assignment on time. Late submissions will be assessed at the following rates: 80% for 1-48 hours late, 60% for 49-96 hours late, 40% for 97-144 hours late, 20% for 145-168 hours late. Assignments that are more than a week late will receive no credit.

Academic Integrity:

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. For more information, please read the Student Code of Conduct.

Moodle:

Essential course material (including this syllabus) will be posted to the CSCI 4311/5311 course page on Moodle (http://www.uno.edu/moodle). Important notices will occasionally be transmitted through Moodle's email feature. Please ensure that you can access your uno.edu email.

Backup Contact:

In case the UNO servers are down, you can use the following email to reach me (ayn@ayasinnur.com).

Additionally, you can check (https://ayasinnur.com/announcement/) website for announcements in case Moodle is down. Note that, I will only use this page when the server is down, and I am unable to send email to everyone from Moodle or Webstar.

Important Notes:

- Masks are MANDATORY in the face-to-face section. In case you refuse to wear a mask, I will ask you to leave the classroom.
- The Governor's proclamation allows the removal of masks during a speech to an audience for broadcast. Therefore, I may remove my mask during the lecture.
- All homeworks and programming assignments shall be done individually and submitted via Moodle.
- I do NOT offer make-up assignments, exams, or projects.
- Please talk to me in advance if there is an emergency which would prevent you attending exams. Note that I am going to ask for an official (legal) proof of your emergency or a plea from the administration for filing purposes before giving you the make-up exam.
- An application will automatically calculate your total score and assign your letter grades based on the percentages in marks distribution. Please do not ask for any personal favor in terms of grading - NO EXCEPTIONS
- Since everything will be online, academic integrity will be extra crucial. Any attempt to cheating will not be tolerated and directly reported to the department and student affairs.