Goals: This course covers problems in design and analysis of computer networks. While some effort focuses on the low-level protocols, most of the course is devoted to higher level protocols at the medium access, network and transport layers.

Prerequisites: COP 3530, CDA 3101 and COP 4600. Students should be familiar with graph theory and basic probability.


Cell Phone Policy: Cell phones should be turned off during the lecture hours to provide the quite learning environment for every student in the classroom.

Exams and Assignments:

- NO Final Exam
- Two Midterm Exams (50% of the final grade): Date/Time will be announced later.
- 3-4 Programming Assignments (30% of the final grade):
- 3-4 Written Assignments (20% of the final grade):

  No late assignments/project or makeup exams are permitted. Cheating in assignments/project/exams will result a “F” on your final letter grade. All grading disputes should be resolved within two weeks after the assignments/exams are returned to the students.

Regular lecture attendance is highly encouraged: We will randomly choose 5 lectures to check your attendance. Each attendance check accounts for 1% more of your final total score. For instance, if your final score is 89 (out of 100) with five confirmed attendance checks, your final total score will be rewarded as 89 * 1.05 = 93.45.

The expected letter-grade distribution is as the following:

<table>
<thead>
<tr>
<th>Final Total Score</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.00 and above</td>
<td>A</td>
</tr>
<tr>
<td>90.00-92.99</td>
<td>A-</td>
</tr>
<tr>
<td>87.00-89.99</td>
<td>B+</td>
</tr>
<tr>
<td>83.00-86.99</td>
<td>B</td>
</tr>
<tr>
<td>80.00-82.99</td>
<td>B-</td>
</tr>
<tr>
<td>77.00-79.99</td>
<td>C+</td>
</tr>
<tr>
<td>73.00-76.99</td>
<td>C</td>
</tr>
</tbody>
</table>
Important Note: A "C-" will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Instructor: Dr. Jonathan Kavalan, CSE E444, (Preferred) E-mail: jcliu@cise.ufl.edu, Phone: (352) 392-1200 (leave messages), Office Hours: 3pm-5pm on Tuesdays, and 4pm-5pm on Thursdays

Teaching Assistant: Mr. Kyuseo Park (kyuseopark@ufl.edu), Office hours at E309: 9:35am-11:30am on Mondays, and 9:35am-10:25am on Wednesdays

Topics:

- The Application Layer
- The Transport Layer
- The Network Layer
- The Data Link Layer

University of Florida's Honor Code: "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity." Details of the code can be found at http://itl.chem.ufl.edu/honor.html.

Students with Disabilities: Students requesting classroom accommodation must first register with the Dean of Students Office at 202 Peabody Hall. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

University Counseling Services: The Counseling Center provides counseling and consultation services to currently enrolled undergraduate and graduate students and their spouses/partners. The Center offers brief counseling and therapy to help students confront personal, academic, and career concerns. The primary goal of counseling is to help students develop the personal awareness and skills necessary to overcome problems and to grow and develop in ways that will allow them to take advantage of the educational opportunities at the university. Details can be found at http://www.counsel.ufl.edu

Software Use: All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.