

CNT 6707 Advanced Computer Networks

Spring 2020

Syllabus

Catalog description:	Recent advances in computer networks, overlay and multihomed networks, routing and multicasting, Internet friendly protocols, congestion control, QoS-differentiated services, cellular networks.
Course assessment outcomes:	By the end of the semester each student will be able to: <ul style="list-style-type: none"> • understand the most recent advances made in various wireless networks such as ad hoc, sensor, underwater, vehicular networks as well as Internet of Things (IoT) • understand how the most recent advances in AI applied to solve computer networks research problems • learn how to read, critique, and present published networking research papers
Instructor:	Dr. Damla Turgut
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Phone:	(407) 823-6171
E-mail:	turgut@cs.ucf.edu (preferred means of communication)
Web Site:	http://www.cs.ucf.edu/~turgut/Teaching/CNT6707-AdvancedComputerNetworks_Spr20/CNT6707_ACN_Spr20.html The assignments and the other announcements will be posted on the course web site
Classroom:	ENG1 286
Class Hours:	Monday, Wednesday 9AM - 10:15AM
Office Hours:	Monday, Wednesday 10:30AM - 11:45AM
GTA:	There will be no GTA for this course.
Pre-requisites:	CNT 5008 or C.I.
Required texts:	There is no required textbook for this course. We will study from the most recently published research papers.
Grading:	<ul style="list-style-type: none"> • Research paper presentations: 40% • Research paper reviews: 25% • Exam: 25% • Class participation: 10%
Verification of engagement:	As of Fall 2014, all faculty members are required to document students' academic activity at the beginning of each course. In order to document that you began this course, please complete the following academic activity by the end of the first week of classes, or as soon as possible after adding the course, but no later than January 10th. Failure to do so will result in a delay in the disbursement of your financial aid. To satisfy this requirement, you must finish the first quiz posted online. Log in to Webcourses, choose CNT 6707, and submit your answers online.
Integrity:	The department, college, and University are committed to honesty and integrity in all academic matters. We do not tolerate academic misconduct by students in any form, including cheating, plagiarism and commercial use of academic materials. Please consult the Golden Rule Handbook for the procedures which will be applied.
Course accessibility:	The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. Students should connect with Student Accessibility Services (Ferrell Commons 185, sas@ucf.edu, phone (407) 823-2371). Through Student Accessibility Services, a Course Accessibility Letter may be created and sent to professors, which informs faculty of potential access and accommodations that might be reasonable. If you are a deployed active duty military student and feel that you may need a special accommodation due to that unique status, please contact your instructor to discuss your circumstances.

Campus safety:

Emergencies on campus are rare, but if one should arise in our class, everyone needs to work together. Students should be aware of the surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Please make a note of the guide's physical location and consider reviewing the [online version](#).
- If there is a medical emergency during class, we may need to access a first aid kit or AED (Automated External Defibrillator). To learn where those items are located in this building, see the [link](#) (click on link from menu on left).
- To stay informed about emergency situations, sign up to receive UCF text alerts by going to my.ucf.edu and logging in. Click on "Student Self Service" located on the left side of the screen in the tool bar, scroll down to the blue "Personal Information" heading on your Student Center screen, click on "UCF Alert," fill out the information, including your e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."