This draft version of syllabus is provided for preview per College of Engineering publicity. Hard copies of the final version will be distributed later at the first lecture.

CNT 6885 Distributed Multimedia Systems, Fall 2019

Catalog Description: Design issues; survey of recent advances, including compression, networking and operating system issues. (Credits: 3)

Goals: Understand the integrated design issues for distributed multimedia systems; Survey of recent advances in distributed multimedia systems; Network support for multimedia computing and communication.

Suggested Textbook and List of Research Papers: "Multimedia Fundamentals: Media Coding and Content Processing" by R. Steinmetz and K. Nahrstedt, Vol. 1, Latest Edition, Practice Hall. A list of recent research papers will be distributed.

Regular lecture attendance is required:. We will randomly choose 10 lectures to check your attendance. Each attendance check accounts for 1% of your final grade.

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

Exams and Assignments:

- NO Final Exam.

- Two Midterm Exams (40% of the final grade): To be announced

- 3 or 4 Written Assignments (15% of the final grade): Individually done

- Oral Presentation(s) (15% of the final grade): Papers from the list will be randomly assigned to graduate students for review and presentation.

- One Term Project (20% of the final grade): Will announce the details later.

- 10 Random Attendance Checks (10% of the final grade):

Assignments and project are due at the beginning of the classes. No late assignments/project or makeup exams are permitted. Cheating in assignments/project/exams will result a "F" on your final letter grade.

The expected letter-grade distribution is as the following:

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Final Total Score          vs.          Letter Grade
    93.00 and above                          A
    90.00-92.99                              A-
    87.00-89.99                              B+
    83.00-86.99                              B
    80.00-82.99                              B-
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77.00–79.99	C+
73.00–76.99	C
70.00–72.99	C–
67.00–69.99	D+
63.00–66.99	D
60.00–62.99	D–

Important Note: In order to graduate, graduate students must have an overall GPA and an upper-division GPA of 3.0 or better (B or better). Note: a B- average is equivalent to a GPA of 2.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: http://gradschool.ufl.edu/catalog/current-catalog/catalog-general-regulations.html#grades

Instructor: Dr. Jonathan Kavalan, CSE 444, E-mail (preferred): jcliu@cise.ufl.edu, Phone: (352) 294-6655 (leave message), Office Hours: 1:45pm-2:45pm on Mondays, Wednesdays and Fridays

Teaching Assistants: To be announced

Topics:

o Multimedia Elements and Characteristics – 2-3 weeks

o Compression and Decompression Techniques – 4-5 weeks

o Multimedia Communication Systems – 6-7 weeks

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.

Online Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.