

EENG 2621 - Signals and Systems Lab

Spring 2022

Course Description:

This course introduces the basics of Matlab and its applications to Signals and Systems. Topics include linear time-invariant systems, Fourier series, continuous time Fourier transform, discrete time Fourier transform, Laplace transform and Z transform.

Learning Objectives:

The goals of this course are to expose the students to basic Matlab and its applications to Signals and Systems, to provide the students knowledge of Matlab as engineers, and to prepare the students for more advanced topics.

Lectures:

Tu, 17:30 - 20:20, NTDP B227.

Instructor:

Hua Sun. Office: NTDP B225. Email: Hua.Sun@unt.edu.

Office Hour: Tu, 16:30 - 17:30, NTDP B225.

TA: TBA

Textbook:

Alex Palamides and Anastasia Veloni, *Signals and Systems Laboratory with MATLAB*, ISBN: 978-1-4398-3055-0, CRC Press, Inc., 2011

(Co-)Prerequisites:

EENG 2620 Signals and Systems or equivalent.

Grading Policy:

Attendance and Participation: 10%

Projects and Reports (10): 90%

General Policies:

- **Academic Integrity Standards and Consequences.** According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

- **ADA Accommodation Statement.** UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific

course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.

- **Emergency Notification & Procedures.** UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

- **Face Coverings.** UNT encourages everyone to wear a face covering when indoors, regardless of vaccination status, to protect yourself and others from COVID infection, as recommended by current CDC guidelines. Face covering guidelines could change based on community health conditions.

- **Attendance.** Students are expected to attend class meetings regularly and to abide by the attendance policy established for the course. It is important that you communicate with the professor and the instructional team prior to being absent, so you, the professor, and the instructional team can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform the professor and instructional team if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

If you are experiencing any symptoms of COVID-19 (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>) please seek medical attention from the Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Team at COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure.