

EENG 2905.001 - Engineering Tools

Fall 2023

Instructor: Colleen Bailey PhD, NTDP B252, Colleen.Bailey@unt.edu

Office Hours: TBD or by appointment, NTDP B252

Lecture: TR 4:00 PM to 5:20 PM; NTDP B227

TA: Garrett Cayce, NTDP 251, garrettcayce@my.unt.edu

Course Description: This modular course introduces assorted tools beneficial to the analysis of electrical engineering problems.

Textbook: (required)

NA

Course Outline: (tentative)

Drafting and Computer Aided Design	5 weeks
Python (MicroPython)	4 weeks
Introduction to Embedded Control	6 weeks

Grading: TBD

Canvas: Course material and grades will be maintained on the course Canvas site. You should check this page often to keep current on important information. <https://unt.instructure.com>

Course Policies:

- Homework is due at the beginning of class. Homework turned in after class will be penalized 50%. No homework accepted after 24 hours.
- No make up quizzes or exams will be offered unless prearranged with the instructor for a university approved absence.
- You have one week to contest any grade once returned.

Rights and Responsibilities:

- Students are expected to communicate to the instructor any issue regarding their performance in class ahead of time.
- Students aware of an authorized absence from a scheduled class or exam (religious observance, military service, official university function, etc.) should notify the instructor as soon as possible according to UNT Policy 15.2.5.
- Students with disabilities should inform the instructor of their needs at the beginning of the semester according to UNT Policy 18.1.14 in order to receive proper attention and accommodations.
- Cheating and academic dishonesty will not be tolerated. Any student found to have participated in academic dishonesty will receive an F in the class, and may be subject to further disciplinary action. Acts of academic dishonesty include: academic fraud (e.g. changing solutions to appeal a grade), copying or allowing one's work to be copied, fabrication/falsification, plagiarism, sabotage of others' work, substitution (e.g. taking an exam for someone else). For more details, see UNT Policy 18.1.16.
- Letter grades will not be assigned until the end of the term, after the final exam has been graded. Any letter grade assignment posted before the end of the class should be regarded as tentative and subject to change.