Computer Engineering BS
Curriculum Flowchart 2021-2022

1st
ENGR 1110^ Eng. Seminar
ENGR 1330^ Comp. Thinking
ENGL 1301
CHEM 1107^ Chem 1 Lab

2nd
ENGR 1320^ Bio Inspired Design
ENGR 2392^ Eng. Ethics
ENGL 1302
PHYS 1408^ Physics I

3rd
ECE 2305 C and Hardware
ECE 2372 Digital Systems
ECE 3302 Circuits
MATH 1451^ Calculus I
CHEM 1307^ Prin of Chem I

4th
ECE 3362 Micro w/ Asy.
ECE 3308 Stats Prob. Discrete
ECE 3303 Signals & Systems
MATH 1452^ Calculus II

5th
ECE 3311 Electronics
ECE 3325 Networks
CS 2413 Data Structures
CS 2365 O.O.P.

6th
ECE 3331 Robotics Proj. Lab
ECE 4375 Comp. Arch.
ECE 4380 Embedded Sys.
ECE/CS/MATH Group B Proj. Lab

7th
ECE 33--† Group B Proj. Lab
ECE 33--† Group B Proj. Lab
ECE 33--† Group B Proj. Lab

8th
ECE 4333 Capstone Proj. Lab
ECE/CS/MATH Group B Proj. Lab
ECE/CS/MATH Group B Proj. Lab

Multicultural

^Successful completion of these courses with at least 12 TTU credit hours and a TTU GPA of at least 2.5 will satisfy the requirements to move from FNDL CMPE to CMPE.
†Group B: Project Lab in Focus Area (CHOOSE TWO): ECE 3332/3333/3334/3335/3336/3337/3338 / 3339 - prerequisites vary.
Course Catalog Available: [http://www.depts.ttu.edu/officialpublications/](http://www.depts.ttu.edu/officialpublications/)