Computer Engineering BS
Curriculum Flowchart 2022 - 2023

1st
- ENGR 1110^ Eng. Seminar
- ENGR 1330^ Comp. Thinking
- CHEM 1107^ Chem I Lab

2nd
- ENGR 1320^ Bio Inspired Design
- ENGR 2392^ Eng. Ethics
- ENGL 1301^
- PHYS 1408^ Physics I

3rd
- ECE 2305 Cntl Hardware
- ECE 2372 Digital Systems
- ECE 3302 Circuits
- MATH 1451^ Calc I

4th
- ECE 3362 Mems w/ Assy.
- ECE 3306 Data Proc. Discrete
- ECE 3303 Signals & Systems
- MATH 1452^ Calc II

5th
- ECE 3331 Robotics Proj. Lab
- ECE 3311 Electronics
- ECE 3325 Networks
- MATH 2450 Calc III

6th
- ECE 3332 Group B Lab**
- ECE 4375 Mem. Arch.
- ECE 3326 Tech Elective
- MATH 3350 Diff. Eq. 1

7th
- ECE 3333 Capstone Proj. Lab
- ECE 4380 Embedded Sys.
- ECE/CS† 43-- Tech Elective
- MATH 3352

8th
- ECE 4375 Micro. Arch.
- ECE/CS† 43-- Tech Elective
- ECE/CS† 43-- Tech Elective
- MATH 4333

MATH Requirements
Engineering Courses
Computer Science Courses
General Education Requirements
Science Requirements

Electrical and Computer Engineering Courses
Math Requirements

Prerequisite
Corequisite
May be taken concurrently

^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/ - prerequisites vary.
† Select from departmentally approved list
Course Catalog Available: http://www.depts.ttu.edu/officialpublications/