COMPUTER ENGINEERING
2021 - 2022

FOREIGN LANGUAGE
2 Semesters of SAME Language
(Exempt if 2 YRS Taken in HS.)

Preliminary Courses
May be required based on Placement Exam results.

TOTAL HOURS 128

DEGREE PLAN COURSES

FIRST YEAR

Fall
ENGR 1330^ Comp. Thinking
ENGR 1110^ Engineering Seminar
ENGR 1320^ Bio Inspired Design

Spring
ENGR 2392^ Engr Ethics
ENGR 1302^

SECOND YEAR

Fall
ECE 2305 Programming in C
ECE 2372 Digital Systems
ECE 3308 State Prob Discrete

Spring
ECE 3362 ASSY Microcontrollers
ECE 3303 Signals and Systems I & II
ECE 3311 Electronics

THIRD YEAR

Fall
ECE 3331 Solexie FPGA Project Lab
ECE 4375 Nanoelectronic Architecture
ECE 4380 Embedded Systems

Spring
ECE 3325 Networks
ECE 3325 Object Oriented Prog.

FOURTH YEAR

Fall
ECE 4333 Capstone Project Lab
ECE or CS 43-- ↑ Tech Elective
ECE 33-- Group B**

Spring
ECE or CS 43-- ↑ Tech Elective
ECE or CS 43-- ↑ Tech Elective

DATE GPA DATE GPA

*Core Curriculum: HIST 2300, HIST 2301 (OR APPROVED HIST), POLS 1301, POLS 2306, ENGR 2392 (satisfies the Language, Philosophy, & Culture credit) and choose from Core Curriculum course list found in catalog (or DegreeWorks) to fulfill Oral Communications, Social & Behavioral Sciences (IE 2324), Creative Arts, & Multicultural requirement (Select courses fulfill Multicultural and one other core requirement)

** Group B: Project Lab in Focus Area (CHOOSE TWO): ECE 3332/ECE 3333/ECE 3334/ECE 3335/ECE 3336/ECE 3337/ECE 3338/ECE 3339 – prerequisites vary.

^Successful completion of bolded 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

† Select from departmentally approved list

Course Catalog Available: http://www.depts.ttu.edu/officialpublications/

FILE INTENT TO GRADUATE ONE SEMESTER PRIOR TO EXPECTED GRADUATION DATE