



First Year - Collin College/Texas State University

FIRST SEMESTER	SECOND SEMESTER
CHEM 1409 Chemistry for Engineering	^c ENGL 2311 Technical & Business Writing
^c MATH 2413 Calculus I	^c MATH 2414 Calculus II
^c ENGL 1301 Composition I	COSC 1437 Programming Fundamentals II
COSC 1436 Programming Fundamentals I	EE 2420 Digital Logic
15 credit hours	15 credit hours
SUMMER SEMESTER	
^c HIST 1301 US History I	
^c PHYS 2425 University Physics I	7 credit hours

Second Year - Collin College/Texas State University

FIRST SEMESTER	SECOND SEMESTER
MATH 2415 Calculus III	^c PHYS 2426 University Physics II
COSC 2436 Programming Fundamentals III: Data Structures	MATH 2305 Discrete Math I
ENGR 2305 Electrical Circuits 1/ENGR 2105 Lab	MATH 2320 Differential Equations
EE 3420 Microprocessors	CS 3339 Computer Architecture
15 credit hours	14 credit hours
SUMMER SEMESTER	
^c GOVT 2306 Texas Government	
^c Speech Core Course	
^c HIST 1302 US History II	9 credit hours

Third Year – Texas State University/Collin College

FIRST SEMESTER	SECOND SEMESTER
EE 3400 Circuits II	EE 4331 Intro to Machines for Learning Engineer Applications
EE 3350 Electronics I	EE 3370 Signals & Systems
MATH 2318 Linear Algebra	EE 4352 Intro to BLSI Design
^c ECON 1301 or 1302 Micro/Macroeconomics	IE 3320 Engineering Statistics
CS 3358 Data Structures	^c PHIL 2306 Introduction to Ethics
15 credit hours	15 credit hours

Fourth Year – Texas State University/Collin College

FIRST SEMESTER	SECOND SEMESTER
EE 4350 Electronics II	EE 4391 Electrical Engineering Design II
EE 4372 or CS 4310 Communication Networks	EE Electives – 8 credit hours (Availability Determined by Dept)
EE 4377 Intro to Digital Signal Processing	^c Creative Arts Core Course
EE 4390 Electrical Engineering Design I	
CS 3354 Intro to Object Oriented Design	
^c GOVT 2305 Federal Government	
18 credit hours	14 credit hours

^cFulfills core requirement

AS/BS Electrical Engineering: - Computer Engineering