

Collin College/Texas State University  
 AS/BS Engineering Technology: Electrical Engineering Technology  
 Texas State University courses taken at Collin College Technical Campus

**First Year - Collin College**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> MATH 2413 Calculus I	<sup>c</sup> ENGL 2311 Technical & Business Writing
<sup>c</sup> ENGL 1301 Composition I	<sup>c</sup> HIST 1302 US History II
<sup>c</sup> HIST 1301 US History I	<sup>c</sup> MATH 2414 Calculus II
CHEM 1409 Chemistry for Engineering	COSC 1437 Programming Fundamentals II
COSC 1436 Programming Fundamentals I	EE 2420 Digital Logic
18 credit hours	18 credit hours

**Second Year - Collin College/Texas State University**

FIRST SEMESTER	SECOND SEMESTER
ENGR 2300 Materials Engineering	<sup>c</sup> PHYS 2426 University Physics II
<sup>c</sup> PHYS 2425 University Physics I	<sup>c</sup> GOVT 2305 Federal Government
ENGR 1304 Engineering Graphics (for TXST TECH 1311)	IE 3320 Engineering Statistics
<sup>c</sup> ECON 1301 or 1302 Micro/Macroeconomics	TECH 2344 Power Technology
GOVT 2306 Texas State & Local Government	
16 credit hours	13 credit hours
SUMMER SEMESTER	
TECH 2190 Internship	1 Credit Hour

**Third Year – Texas State University/Collin College**

FIRST SEMESTER	SECOND SEMESTER
EE 3420 Microprocessors	TECH 3370 Electronics
ENGR 2301 Engineerin Mechanics-Statics (for TXST TECH 2351)	TECH 3373 Communication Systems
ENGR 2305/2105 Electrical Circuits I (for TXST TECH 2370)	ENGR 3315 Engineering Economic Analysis
TECH 3364 Quality Assurance	<sup>c</sup> Creative Arts Core Course
	<sup>c</sup> PHIL 2306 Introduction to Ethics
14 credit hours	15 credit hours

**Fourth Year – Texas State University/Collin College**

FIRST SEMESTER	SECOND SEMESTER
TECH 4372 Electronic Devices and Circuits	EE 4321/EE4331/EE4332
TECH 4373 Control Systems & Instrumentation	TECH 4382 Senior Design II

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TECH 4381 Senior Design I	TECH 4380 Industrial Safety
TECH 3345 Principles of Lean Systems	MGT 4330 Production & Operations Management
MGT 3301 Introduction to Management	TECH 4392 Micro & Nano Manufacturing
15 credit hours	15 credit hours