



AS Electrical Engineering Field of Study
Guided Pathway
Effective beginning with the 2023-2024 catalog

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
COSC 1420 C Programming	^c ENGL 2311 Technical & Business Writing (see list below)
^c ENGL 1301 Composition I	^c HIST 1302 US History II (see list below)
^c HIST 1301 US History I (see list below)	^c MATH 2414 Calculus II
^c MATH 2413 Calculus I	^c PHYS 2425 University Physics I
^c Creative Arts (see list below)	
17 credit hours	14 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
ENGR 1201 Introduction to Engineering	ENGR 2105 Electric Circuits I Laboratory
^c GOVT 2305 Federal Government	ENGR 2305 Electrical Circuits 1 + ENGR 2105 Lab
^c MATH 2415 Calculus III	^c GOVT 2306 Texas Government
^c PHYS 2426 University Physics II	^c MATH 2320 Differential Equations
	^c Language/Philosophy/Culture (see list below)
	^c Social/Behavioral Sciences (see list below)
13 credit hours	16 credit hours

AS Electrical Engineering

Contact your advisor at Collin College for information about applying for your associate degree.

^c Core Curriculum transferrable to any public college or university in Texas.

Collin Options:

Language/Philosophy/Culture – **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321

American History Component - **HIST** 1301, 1302, 2301

Creative Arts – **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310

Social/Behavioral Sciences – **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **PSYC** 2301, **SOCI** 1301, 1306

Communication - **ENGL** 1301 and either ENGL 1302 or 2311