



AS Electrical Engineering
Guided Pathway
 Effective beginning with the 2021-2022 catalog

First Year - Collin College

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

Second Year - Collin College

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

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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

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