



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

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 1301 Composition I	^c ENGL 2311 Technical and Business Writing (see list below)
ENGR 1304 Engineering Graphics	^c HIST 1302 United States History II
^c HIST 1301 United States History I	^c MATH 2414 Calculus II
^c MATH 2413 Calculus I (* see note below)	^c PHYS 2425 University Physics I
^c Creative Arts OR Social/Behavioral Sciences (see lists below)	
16 credit hours	14 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
ENGR 2301 Engineering Mechanics - Statics	CHEM 1409 General Chemistry for Engineering Majors
^c GOVT 2305 Federal Government	ENGR 2302 Engineering Mechanics - Dynamics
^c MATH 2415 Calculus III	ENGR 2332 Mechanics of Materials
^c PHYS 2426 University Physics II	^c MATH 2320 Differential Equations
	^c GOVT 2306 Texas Government
14 credit hours	16 credit hours

AS Civil Engineering Field of Study

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

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

**Students should consult with an academic advisor since one or more mathematics courses may be required before enrolling in MATH 2413.*

If you plan to transfer, check with your intended transfer college or university prior to beginning this program to verify course transferability.

010 Communication Component

ENGL 1301 and either ENGL 1302 or 2311

060 American History Component

HIST 1301, 1302, 2301

050 Creative Arts Component

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

080 Social and Behavioral Sciences Component

ANTH 2302, 2346, 2351 CRIJ 1301 ECON 1301, 2301, 2302 PSYC 2301 SOCI 1301, 1306