Civil Engineering Curriculum & Prerequisite Flow Chart
NDSU

FIRST YEAR
Freshman
FALL
CE 111 [1][1][F]
MATH 105 or 107* [3][3][B]
CHEM 121 [3][3][B]
CHEM 121L [1][3][B]
ENGL 110** [3][3][B]
ENGL 120 [3][3][B]
COMM 110 [3][3][B]
Gen Ed A [3][3][B]

SPRING
CE 112 [1][1][S]
MATH 165 [4][5][B]
MATH 166 [4][5][B]
CHEM 122 [3][3][B]
CHEM 122L [1][1][B]

SECOND YEAR
Sophomore
FALL
CE 204 [3][5][F]
MATH 259 [3][3][B]
MATH 266 [3][3][B]

SPRING
CE 212 [3][3][B]
PHYS 252 [4][4][B]
MATH 128 [1][1][B]
ME 221 [3][3][B]
ME 223 [3][3][B]
ME 222 [3][3][B]

THIRD YEAR
Junior
FALL
IME 460 [3][4][B]
CE 408 [3][3][S]

SPRING
ENG 402 [1][1][B]
CE 404 [3][4][F]
ENG 440 [2][2][F]
CE 444 [3][3][F]

FOURTH YEAR
Senior
FALL
CE 418 [4][5][S]
CE 483 [3][3][S]

SPRING
CE 303 L [1][3][S]
CE 310 [1][2][B]
CE 303 [2][2][S]
CE 316 [3][3][F]
CE 343 [4][4][S]
CE 309 [3][3][B]
CE 370 [3][3][S]
CE 371 [1][3][S]

Jr. Standing
Sr. Standing

Tech electives have prerequisites

GRADUATE

CREDITS
15 17 16 15 16 18

“All civil engineering students are required to have no more than one ‘D’ in ME 221, ME 222, ME 223 courses and ‘C’ and above grades in Math 165, 166, 128, 259, 266 before enrolling in any civil engineering courses that utilize these courses as prerequisites. Students with ‘D’ grades in ME 221, ME 222, and ME 223 are required to repeat the course when they enroll the CE courses that require these courses as prerequisites.”

Indicates Prerequisite
Indicates Co-requisite

Course No. [   ] Credit [   ] Class Hours [   ] Terms Available

START

~ENGL 110** [3][3][B]

Indicates Co-requisite

ACT sub-test score of 18+

Last updated 03/25/2022