

PLAN OF STUDY

(2018)

CIVIL ENGINEERING COURSES⁽¹⁾

VINCENNES UNIVERSITY

This program meets the requirements for an AS degree in Engineering Science at Vincennes University

FIRST YEAR FALL		FIRST YEAR SPRING	
MATH 118 – Calculus w/Anal Geometry 1	5	MATH 119 – Calculus II	5
CHEM 105 – General Chemistry	3	PHYS 205 – Physics I	3
CHEM 105L - Chemistry Lab	2	PHYS 205L – Physics I Lab	2
CSCI 126 – Intro to Computer Tools	2	ENGL 102 ⁽⁴⁾ **OR** ENGL 112 ⁽⁴⁾	3
ENGR 131-Intro to Engineering	2	COMM 143 – Speech ⁽⁵⁾	3
ENGL 101– English Comp I ⁽²⁾	3	Foreign Language II ⁽³⁾	3
Foreign Language I ⁽³⁾	3		19
	20		

SECOND YEAR FALL		SECOND YEAR SPRING	
MATH 220 – Intermediate Calculus	4	MATH 223 – Differential Equations	4
PHYS 206 – Physics II	4	ENGR 206 – Dynamics	3
PHYS 206L– Physics II Lab	1	ENGR 270 – Mechanics of Materials	3
ENGR 205 – Statics	3	ENGR 270L – Mech. of Materials Lab	1
ENGR 217 – Linear Circuits I ⁽⁶⁾	3	ENGR 200 – Engineering Surveys	3
ENGR 217L – Electrical Meas Tech	1	SOCL 151 – Principles of Sociology ⁽⁸⁾	3
Humanities/Social Science Elective ⁽⁷⁾	3		
	19		17

REMARKS:

- (1) All courses shown here will transfer in the same way even if the entire plan is not completed
- (2) ENGL 101 satisfies Free Elective at UE and Overlay E
- (3) 2 Semester Sequence of any foreign language
- (4) Satisfies UE General Education Outcome 1 and Overlay E
- (5) COMM 143 satisfies COMM Elective at UE, Outcome 9
- (6) Satisfies UE Engineering Elective
- (7) Choose from HIST 235, 236, LITR 100, 220, POLS 211, SOCL 154
- (8) Satisfies UE General Education Outcome 9 and Overlay B

PLAN OF STUDY

(2018)

CIVIL ENGINEERING COURSES

UNIVERSITY OF EVANSVILLE

THIRD YEAR FALL		THIRD YEAR SPRING	
ENGR 366 – Fluid Mechanics	3	CE 324 – Construction Management	3
ENGR 390 – Engineering Mathematics	3	CE 331 – Construction Materials	3
CE 340 – Structures I	3	CE 338 – Soil Mechanics & Soil Behavior	3
CE 380 – Hydraulics Lab	1	CE 339 – Soil Mechanics Laboratory	1
HE 100 – Concepts of Health & Wellness	1	CE 341 – Design of Steel Structures	3
General Education ⁽¹⁾	3	CE 350 – Transportation Engineering	3
General Education ⁽¹⁾	3		
	17		16

FOURTH YEAR FALL		FOURTH YEAR SPRING	
CE 342 –Design of Concrete Structures	3	CE 374 – Environmental Engineering	3
CE 438 – Geotechnical Engineering	3	CE 497 – Civil Engineering Design Project II	3
CE 469 – Design of Hydraulic Structures	3	CE Technical Elective	3
CE 495 – Civil Engineering Design Project I	3	CE Technical Elective	3
General Education ⁽¹⁾	3	Science Elective	3
	15		15

REMARKS:

(1) The open General Education courses must be chosen to satisfy the Outcome requirements