

TCNJ Civil Engineering Graduating Class of 2025

Freshman Year

Fall			Spring		
ECO 101	Microeconomics	1	CSC 215	Computer Science ¹	1
MAT 127	Calculus A	1	MAT 128	Calculus B	1
PHY 201	General Physics I	1	PHY 202	General Physics II	1
FYW 102	First Year Writing	1	ENG 092	Engineering Seminar II	0
ENG 144	Fund. Of Eng. Design ¹	0.5	CHE 201	General Chemistry I	1
ENG 091	Engineering Seminar I	0	FYS	First Year Seminar	1
ENG 095	Intro to Engineering	0	ENG 145	Fund. Of Eng. Design ¹	0.5

Sophomore Year

Fall			Spring		
PHY 120	Intro to Geology	1	MAT 229	Calculus C	1
	Liberal Learning	1	ENG 262	Dynamics	1
ENG 222	Statics	1	CIV 251	Strength of Materials	1
ENG 272	Adv. Engineering Math I	1	CIV 343	Engineering Prob. And Stat.	1
CIV 213	CAD Laboratory	0.5		Liberal Learning	1

Junior Year

Fall			Spring		
ENG 093	Engineering Seminar III	0	ENG 094	Engineering Seminar IV	0
CIV 411	Transportation Eng.	1	CIV 431	Foundation Engineering	1
CIV 311	Structural Analysis	1	CIV 351	Str. Steel Design	1
CIV 331	Soil Mechanics	1	CIV 363	Fl. Mech. / Hydr. Lab	0.5
CIV 333	Soil Mechanics Lab	0.5	CIV 471	Transportation 2	1
CIV 361	Fluid Mechanics	1	CIV 385	Hydr. Eng & Hydrology	1
			CIV 372	Construction Plan & Est.	1

Senior Year

Fall			Spring		
ENG 099	Senior Prof. Seminar	0	CIV 444	Intro to Finite Element	1
CIV 371	Civ. Eng. Materials	1	IDS 252	SET	1
ENG 098	Fund. Of Eng. Review	1	CIV 496	Senior Project II	0.5
CIV 421	Reinforced Concrete	1	CIV xxx	CE Elective	1
CIV 495	Senior Project I	0.5	CIV xxx	CE Elective	1
CIV xxx	CE Elective	1		Liberal Learning	1
CIV xxx	CE Elective	1			