

Title	Tech Elec ENV 2010	Tech Elec ENV Su11-Sp16	Tech Elec ENV Su16 forward
Construction Methods	CCE 4004	CCE 4004	
Estimating & Scheduling	CCE 4034	CCE 4034	
Equipment & Productivity	CCE 4402	CCE 4402	
Mech/Elec Systems	CCE 4813	CCE 4813	
Geotech I	CEG 4011C	REQUIRED COURSE	
Geotech II	CEG 4012	CEG 4012	CECE 4xxx: CES 4205, CES 4100C, CES 4605,
Geotech Design	CEG 4801C	CEG 4801C	CES 4702, CES 4743C, CEG 4012, CEG 4203,
Structural Analysis	CES 4100C	CES 4100C	CEG 4801C, CWR 4120, CWR 4124, CWR
Steel	CES 4605	CES 4605	4812C, TTE 4274, TTE 4300, TTE 4601C, ENV
Concrete	CES 4702	CES 4702	4122C, ENV 4433C, ENV 4562C, CCE 4004, CCE
Wastewater Design	ENV 4433C	ENV 4433C	4034, CCE 4402, CCE 4813, CCE 4810C
Env Ops & Processes II	ENV 4561 (Su11-Sp16)	REQUIRED COURSE	
Transportation Engineering	TTE 4004	TTE 4004	
Transportation Engineering	TTE 4274	TTE 4274	
Urban Systems Design	TTE 4601C	TTE 4601C	
Water Resources Design	CWR 4812C	CWR 4812C	
Env Ind Study	ENV 4906	ENV 4906	
Env Ind Study	ENV 4912	ENV 4912	
CE Materials	CGN 3501C	CGN 3501C	CGN 3501C
CE Measurements	CGN 3700C	CGN 3700C	CGN 3700C
Numerical Methods for CE			CGN 3405
Intro to Smart Cities			CGN 4309
Highway Engineering	TTE 3810	TTE 3810	TTE 3810
Systems Analysis for Sust.			CCE 3930H
			CECE 5xxx: CCE 5006, CCE 5205, CCE 5220,
			CEG 5405, CES 5144, CES 5325, CES 5606, CES
			5706, CES 5821, CGN 5340, CGN 5341, CGN
			5506, CGN 5617, CGN 5877, CWR 5125, CWR
			5205, CWR 5515, CWR 5545, CWR 5634, CWR
			5999, EES 5318, ENV 5410, ENV 5505, ENV
			5517, ENV 5636, TTE 5204, TTE 5531, TTE
			5805, TTE 5835
CECE 5000 level (min GPA req'd)			
Issues in Env Program Mgmt	PAD 4351	PAD 4351	PAD 4351
Info Sys Public Mgrs & Planners	PAD 4712	PAD 4712	PAD 4712
Environmental Politics	PUP 3203	PUP 3203	PUP 3203
Sustainability	PUP 3204	PUP 3204	PUP 3204
Urban Environmental Policy	PUP 4209	PUP 4209	PUP 4209
Surveying (from State College)	SUR *101	SUR *101	
Biochemistry I	BCH 4053	BCH 4053	BCH 4053
Biochemistry II	BCH 4054	BCH 4054	BCH 4054
Intro to Organic & Biochemistry	CHM *205	CHM *205	CHM *205
Organic Chemistry I	CHM *210	CHM *210	CHM *210
Organic Chemistry II	CHM *211	CHM *211	CHM *211
Analytical Chemistry	CHM 3120	CHM 3120	CHM 3120
Physical Chemistry I	CHM 3410	CHM 3410	CHM 3410
Physical Chemistry II	CHM 3411	CHM 3411	CHM 3411
Adv Analytical Lab Techniques	CHM 4130	CHM 4130	CHM 4130
Environmental Chemistry	CHS 4615	CHS 4615	CHS 4615
Intro to Programming with C	COP *223	COP *223	COP *223
Object Oriented Programming	COP *330	COP *330	COP *330
General Microbiology	MCB 3020	MCB 3020	MCB 3020
Microbial Metabolism	MCB 4414	MCB 4414	MCB 4414
Environmental Microbiology	MCB 4603	MCB 4603	MCB 4603
Engineering Analysis	EGN 3420	EGN 3420	
Honors Engineering Seminar	EGN 4931H	EGN 4931H	
Struc & Properties of Materials	EGN 3365	EGN 3365	
Principles of Elec Engrg			EGN *373
GIS for Environmental Studies	GIS 3043	GIS 3043	
Adv GIS Appl in Env Studies	GIS 4301	GIS 4301	GIS 4301
Modeling Methods in MAE			EML 3034C
Heat Transfer			EML 4142
MATH 4000 level	MAA 4xxx	MAA 4xxx	MATH 4xxx: MAA 4226, MAA 4402, MAD 4301,
MATH 4000 level	MAC 4xxx	MAC 4xxx	MAP 4103, MAP 4113, MAP 4153, MAP 4171,
MATH 4000 level	MAD 4xxx	MAD 4xxx	MAP 4303, MAP 4341, MAP 4342, MAP 4371,
MATH 4000 level	MAS 4xxx	MAS 4xxx	MAP 4384
Matrix & Linear Algebra	MAS 3105	MAS 3105	MAS 3105
Linear Algebra			MAS 3106
Number Theory			MAS 3203
Logic & Proof			MHF 3302
Physics III	PHY *101	PHY *101	PHY 3101
Principles of Ecology	PCB 3044	PCB 3044	PCB 3044
Environmental Ethics	PHI 3640	PHI 3640	PHI 3640
Environmental Law	PLA 4554	PLA 4554	PLA 4554
Statistical Methods II			STA 4163
Statistical Theory I			STA 4321
Nonparametric Statistical Methods	STA 4502	STA 4502	STA 4502