

CIVIL ENGINEERING TECHNOLOGY (CET) - LONG RANGE SCHEDULE

Course Number and Name	Credits	AY 2024-2025			AY 2025-2026			AY 2026-2027		
		Fall 24	Spr 25	Sum 25	Fall 25	Spr 26	Sum 26	Fall 26	Spr 27	Sum 27
1 CET 120 Civil 2D Computerized Aided Drafting	2	C / W	Wx2		C / W	Wx2		C / W	Wx2	
2 ENGT 200 Statics	3	C / W	C / W	W	C / W	C / W	W	C / W	C / W	W
3 CET 205 Principles of Surveying	3	C	W		C	W		C	W	
4 CET 210 Fundamentals of Building Construction	3	C	A	A	C	A	A	C	A	A
5 ENGT 220 Strength of Materials	3	C / W	C / W	W	C / W	C / W	W	C / W	C / W	W
6 CET 221 Material Testing Laboratory	1	C/A	C/A	A	C/A	C/A	A	C/A	C/A	A
7 CET 260 CAD for Building Applications	2	W	W		W	W		W	W	
8 CET 265 Civil 3D CAD	2	W	W		W	W		W	W	
9 CET 301 Introduction to Structural Design	4	W	W		C	W		C	W	
10 CET 325 Land Design and Development	3		A			A			A	
11 CET 330 Fluid Mechanics	4	A	A	A	A	A	A	A	A	A
12 CET 335 Fluid Mechanics Laboratory	1									
13 CET 332 Water Resources Engineering	3		A			A			A	
14 CET 334 Comp. Applications in Hyd. Engineering	3						W			
15 CET 340 Soils and foundations	3	A	C	A	A	C	A	A	C	A
16 CET 341 Soils Testing Laboratory	1	A	C	A	A	C	A	A	C	A
17 CET 355 Sustainable Building Practices	3	C/W	W		C/W	W		C/W	W	
18 CET 361 Construction Project Management	3	W	C	W	W	C	W	W	C	W
19 CET 365 Building Information Modeling (BIM)	3	W	W	W	W	W	W	W	W	W
20 CET 400 Computer Applic. in Structural Design	3		W		W			W		
21 CET 402 Structural Steel Design	3	W			W			W		
22 CET 405 Environmental Loads	3		W			W			W	
23 CET 410 Reinforced Concrete Design	3	W	W		W	W		W	W	
24 CET 412 Wood Design	3		W			W			W	
25 CET 414 Bridge Design	3	W					W			
26 CET 417 Design of Reinf. Concrete Foundations	3			W						W
27 CET 420 Hydrology and Drainage	3				W					W
28 CET 428 Buried Infrastructure	3									W
29 CET 430 Hydraulic Engineering	3	W						W		
30 CET 456 Resilience and Sustainability	3									
31 CET 458 Managing the Climate Crisis	3		W			W			W	
32 CET 460 Construction Cost Estimating	3	A	W	A	A	W	A	A	W	A
33 CET 462 Construction Planning and Scheduling	3	W	W		W	W		W	W	
34 CET 467 Const. Finance and Equipment Utilization	3		W			W			W	
35 CET 472 Contract Documents	3	W	W		W	W		W	W	
36 ENGT 434 Introduction to Senior Design Project		W	W		W	W		W	W	
37 ENGT 435W Senior Design Project		W	W		W	W		W	W	