

Dual Degree Program (160 credits)
B.S. in Construction Engineering Technology (CET)
B.S. in Surveying Engineering Technology (SET)

Freshman (36 credits)

MATH 138 (GER)	General Calculus I	3		MATH 238	General Calculus II	3	
CS 106 (GER)	Roadmap to Computing Engineers ¹	3		PHYS 103	General Physics II	3	
PHYS 102	General Physics I	3		PHYS 103A	General Physics II Lab	1	
PHYS 102A	General Physics I Lab	1		ENGL 102	English Comp: Introduction to Writing for Research	3	
ENGL 101 (GER)	English Comp: Writing, Thinking, Speaking	3		MET 235	Statics for Technology	3	
MET 103	Engrg Graphics & Intro to CAD	2		MET 105	Applied Computer Aided Design	2	
ACCT 117	Principles Of Fin Accounting	3		CIM 101	Introduction to the Concrete Industry	3	
ET 101	Intro. to Engineering Tech.	0					
Freshman Seminar	Freshman Seminar	0					
	Total:	(18)			Total:	(18)	

Sophomore (36 credits)

MET 237	Strength of Materials for Technology	3		CET 233	Structural Analysis in Construction	3	
ECET 201	Circuits I	3		MGMT 290	Business Law I	3	
SET 207	Evidence and Procedures for Property Surveys	3		ACCT 215	Managerial Accounting I	3	
MIS 245	Introduction to Management Information Systems	3		Social Science Literacy GER		3	
SET 200	Introduction to Geomatics	2		COM 313	Technical Writing	3	
SET 200A	Introduction to Geomatics Lab	1		MATH 305 (GER)	Statistics for Technology	3	
History and Humanities GER 200 level		3					
	Total:	(18)			Total:	(18)	

Junior (36 credits)

CET 313	Construction Procedures I	3		CET 314	Construction Procedures II	3	
CET 317	Construction Computing	3		CET 331	Structural Systems	3	
CET 322	Construction Codes and Regulations	3		SET 303	Photogrammetry and Aerial Photo Interpretation	3	
MET 303	Applied Thermodynamics	3		CET 341	Soils and Earthwork	3	
SET 307	Boundaries and Adjacent Properties	3		SET 304	Adjustment Computations I	3	
SET 301	Route Surveying	3		SET 360	Digital Surveying Methods	3	
	Total:	(18)			Total:	(18)	

Senior (37 credits)

CET 423	Construction Safety	3		CET 413	Environmental Science	3	
CET 415	Construction Project Management	3		CET 435	Design of Temporary Structures	3	
SET 440	Land Development	3		MNET 414	Industrial Cost Analysis	3	
SET 420	Geographic/Land Information Systems	3		SET 401	Fundamentals Of Geodesy	3	
CET 431	Construction Testing	3		SET 407	Boundary Line Analysis	4	
SET 405	Reality Capture of the Built Environment	3		History and Humanities GER 300+ level		3	
	Total:	(18)			Total:	(19)	

Fifth Year (15 credits)

CET 411	Cost Estimating	3					
CET 421	Construction Contracts	3					
SET 480	Hydrographic Mapping	3					
ET 450	Multidisciplinary Capstone Project	3					
Humanities and Social Science Senior Seminar GER		3					
	Total:	(15)					

¹. This Computing Literacy GER can be satisfied with any course from the Computing Literacy GER.