

**Dual Degree Program (154 credits)**  
**B.S. in Construction Engineering Technology (CET)**  
**B.S. in Concrete Industry Management (CIM)**

**Freshman (36 credits)**

MATH 138 (GER)	General Calculus I	3		MATH 238	General Calculus II	3	
CS 106 (GER)	Roadmap to Computing Engineers <sup>1</sup>	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	Introduction to Engineering Technology Design	2		MET 105	Applied Computer Aided Design	2	
CIM 101	Introduction to the Concrete Industry	3		ACCT 117	Principles Of Fin Accounting	3	
ET 101	Intro. to Engineering Tech.	0					
Freshman Seminar	Freshman Seminar	0					
	<b>Total:</b>	(18)			<b>Total:</b>	(18)	

**Sophomore (37 credits)**

MET 237	Strength of Materials for Technology	3		CET 233	Structural Analysis in Construction	3	
ECET 201	Circuit Analysis DC and AC	3		MIS 245	Introduction to Management Information Systems	3	
CHEM 121	Fundamentals of Chemical Principles I	3		CIM 205	Concrete Properties and Testing	3	
CHEM 125A	General Chemistry Lab I	1		CIM 215	Concrete Repair	3	
SET 200	Introduction to Geomatics	2		COM 313	Technical Writing	3	
SET 200A	Introduction to Geomatics Lab	1		ACCT 215	Managerial Accounting I	3	
CIM 210	Concrete Applications	3					
History and Humanities GER 200 level		3					
	<b>Total:</b>	(19)			<b>Total:</b>	(18)	

**Junior (36 credits)**

CET 313	Principles of Heavy Highway Construction	3		CET 314	Principles of Building Construction	3	
CET 317	Construction Computing	3		CET 331	Structural Systems	3	
CET 322	Construction Codes and Regulations	3		CIM 315	Concrete Construction Methods	3	
MET 303	Applied Thermodynamics	3		CET 341	Soils and Earthwork	3	
MNET 315 (GER)	Industrial Statistics	3		CET 340	Land Development	3	
CIM 310	Concrete Products and Delivery	3		History and Humanities GER 300+ level		3	
	<b>Total:</b>	(18)			<b>Total:</b>	(18)	

**Senior (36 credits)**

CET 423	Construction Safety	3		ET 450	Multidisciplinary Capstone Project	3	
CET 411	Cost Estimating	3		CET 413	Environmental Science	3	
CET 415	Construction Project Management	3		CET 435	Design of Temporary Structures	3	
IET 416	Applied Operations and Project Management	3		MNET 414	Industrial Cost Analysis	3	
MNET 420	Quality Systems	3		MRKT 330	Principles of Marketing	3	
MGMT 390 (GER)	Principles of Business	3		Humanities and Social Science Senior Seminar GER		3	
	<b>Total:</b>	(18)			<b>Total:</b>	(18)	

**Fifth Year (9 credits)**

CIM 405	Advanced Concrete Testing and Quality Assurance	3					
CIM 497	Co-op Work Experience I	3					
FIN 315	Fundamentals of Corporate Finance	3					
	<b>Total:</b>	(9)					

<sup>1</sup>. This Computing Literacy GER can be satisfied with any course from the Computing Literacy GER.