

Mohawk Valley Community College Civil Engineering Technology					SUNY Polytechnic Institute Civil Engineering Technology					
Course #	Course Title	SUNY Gen Ed		Credits Granted	Course #	Equivalent Course Title	Common Core		Credits Accepted	
Fall Year One										
CF 100	College Foundation Seminar			1	FYS 101	First Year Seminar			1	
EN101	English 1:Composition			3	ENG 101	English Composition			3	
CT102	Engineering Drawing and Micro Station CAD			3	EGRA 000	Engr. Graphics Elective			3	
CT141	Intro to Civil Engineering Technology			2	CTC 101	Intro to Engineering Technology			2	
CT265	Introduction to GIS			3	CTC 000	Civil Tech Elective			3	
MA121	Fundamentals of College Mathematics 1			4	MAT 111	College Mathematics			4	
	Physical Education			.5	REC 000	Recreation Elective			.5	
Spring Year One										
EN102	English 2: Ideas & Values in Literature			3	ENG 110	Intro to Literature			3	
CT121	Statics (See "C" below)			3	CTC 224	Statics & Strength of Materials (See "C" below)			3	
MA122	Fundamentals of College Mathematics 2			4	MAT 120	Pre-Calculus			4	
PH151	General Physics 1			4	PHY 101	General Physics I			4	
	Social Science Restricted Elective (See "A" below)			3	SOS 001	Social Science Elective			3	
	Physical Education			.5	REC 000	Recreation Elective			.5	
Fall Year Two										
CT151	Surveying 1			4	CTC 250	Elementary Surveying			4	
CT221	Strength of Materials: Civil (See "C" below)			4	CTC 224/240	Statics & Strength of Materials/ Civil Eng Materials			4	
CT222	Soil Mechanics & Foundations			4	CTC 255	Soils & Foundations			4	
CT231	Transportation Engineering			3	TRAN 000	Transportation Elective			3	
	Physical Education			.5	REC 000	Recreation Elective			.5	
Spring Year Two										
CT225	Structural Steel Design			3	SDGN 000	Structural Design Elective			3	
CT226	Reinforced Concrete Design			3	SDGN 000	Structural Design Elective			3	
CT232	Environmental Engineering			3	CTC 260/261	Hydrology/ Hydraulics			3	
CT243	Construction Management			2	CTC 275	Construction Methods			2	
CT299	Capstone Design Project – Civil			3	CTC 000	Civil Tech Elective			3	
	Physical Education			.5	REC 000	Recreation Elective			.5	
PHY 152	General Physics 2 (See "B" below)			(4)	PHY 102	General Physics 2 (See "B" below)			4	
					Fall Year Three					
					MAT 121	Calculus for Engr. Technology I			4	
					CTC 320	Structural Analysis			4	
					CSC 000	Computer Science Elective			4	
					COM 306	Upper Division Writing			4	
					Spring Year Three					
					MAT 122	Calculus for Engr. Technology II			4	
					CTC 422/340/415	Civil Emphasis I			4	
					CHE 110	Essentials of Chemistry			4	
					COM 200	Princ. Speech/Public Speaking			4	
					CTC 301	Professionalism			2	
					Fall Year Three					
					MAT 230	Differential Equations			4	
					CTC 424/440/470	Civil Emphasis II			4	
					ASCI 000	Arts & Science Elective			4	
					HIS 306 OR 370	Western Civ./Other World Civ.			4	
					Spring Year Four					
					CTC 000	Upper Civil Elective			4	
					CTC 490	Capstone Design			3	
					CTC 475	Economic Analysis in Technology			4	
					CTC 450	Water & Wastewater Systems			4	
				Total Credits Eligible for Transfer					64/68	
									Total Transfer Credits Applied to Program	58 (62)
									Total Credits Required after Transfer	70 (66)

- A.) Social Science (choose one): AN 101, BM 101, PS 101, PY 101, or SO 101
- B.) Students are encouraged to also take PH 152-General Physics II at MVCC during a semester  
In which they are already taking 12 or more credits
- C.) Transfer students will receive credit for CTC 224 as long as they earned a grade of a "C" or  
Better in both CT 121 and CT 221 at MVCC