

SUNY Erie 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
CI 100	Application of Digital Computer			3	CTC 101	Intro to Engineering Technology			3
CI 110	Surveying I			3	CTC 250	Surveying I			3
CI 130	Engineering Mechanics			3	CTC 000	Civil Tech Elective			3
MT 122	Technical Mathematics II			4	MAT 001	Math Gen Ed			4
PH 260	Technical Physics I			3	PHY 101T	General Physics I			3
PH 261	Technical Physics I Lab			1	PHY 101L	General Physics I Lab			1
CI 165	Surveying II			3	ELEC 000	Unrestricted Elective			3
CI 175	Computer-Aided Drafting I			3	EGRA 000	Computer-Aided Drafting I			3
CI 185	Strength of Materials			3	CTC 224	Statics and Strengths of Materials			3
MT 180	Pre-Calculus Mathematics			4	MAT 001	Gen Ed Elective			4
PH 262	Technical Physics II			3	PHY 102T	General Physics II			3
PH 263	Technical Physics II Lab			1	PHY 102L	General Physics II Lab			1
CI 210	Materials Testing			3	CTC 240	Civil Materials and Testing			3
CI 220	Structural Steel Design			3	SDGN 000	Structural Elective			3
CI 230	Soils and Foundations			3	CTC 255	Soils and Foundation			3
CI 240	Engineering Drafting			3	ELEC 000	Unrestricted Elective			3
EN 100	Composition I: Rhetorical Strategies			3	ENG 101	Freshmen Composition			3
CI 255	Highway Design			3	TRAN 000	Transportation Elective			3
CI 266	Contracts/Specifications/Estimating			3	CTC 275	Construction Methods			3
CI 285	Reinforced Concrete Design			3	CTC 000	Civil Tech Elective			3
CI 295	Hydraulics & Hydrology			4	CTC 260/ 261	Hydrology & Hydraulics			4
	Social Science Elective			3	SOS 001	Social Science Elective			3
					CTC 320	Structural Analysis			4
					CSC 301V or IS 341	CS Elective			4
					COM 306	Upper Division Writing			4
					MAT 121	Calculus for Engineering Technology I Gen Ed Elective			4
					MAT 122	calculus for Engineering Technology II			4
					CTC 422, 340, 04 415	Civil Emphasis I			4
					CTC 422	Structures Elective			4
					COM 300	Oral Communications			4
						General Education Elective			4
					CTC 424, 440, or 470	Civil Emphasis II			4
					CTC 440	Transportation Elective			4
					CTC 450	Water and Wastewater Systems			4
					CTC 301	Professionalism			2
					CTC 490	Capstone Design			3
					CTC 475	Economic Analysis in Technology			4
						Upper Civil Elective			4
						Open Elective			4
				Total Credits Eligible for Transfer	65				
				Total Transfer Credits Applied to Program					61

Total Credits Required after Transfer	67
Total Credits Required for Degree	128