FEDERAL UNIVERSITY OF PARANÁ
TECHNOLOGY SECTOR
DEPARTMENT OF CIVIL ENGINEERING

CURRICULUM FRAMEWORK

1st SEMESTER	2nd SEMESTER	3rd SEMESTER	4th SEMESTER	5th SEMESTER	6th SEMESTER	7th SEMESTER	8th SEMESTER	9th SEMESTER	10th SEMESTER
60h Graphic Expression A CEG019	60h Numerical Methods CI202	60h Introduction to Statistics CE009	60h Calculus 4 CM314	60h Geological-Geotechnical Characterization TC512	30h Soil Hydraulics TC515	60h Soil Mechanics TC518	60h Geotechnical Works TC521	30h Steel Structures TC523	90h Final Graduation Project II TC582,TH582,TT582 TC583,TH583,TT583
60h Fundamentals of Computer Programming CI182	60h Introduction to Linear Algebra CM303	60h Calculus 2 CM312	45h Topography II GA176	60h Soil Mechanics II TC513	60h Structural Analysis III TC516	60h Concrete Structures I TC519	60h Concrete Structures II TC522	30h Timber Structures TC524	160h Mandatory Supervised Internship TC585,TH585,TT585
60h Pre-Calculus CM310	60h Calculus 1 CM311	60h Topography I GA175	60h Civil Construction II TC508	45h Civil Construction Materials II TC514	60h Civil Construction III TC517	60h Project Management TC520		60h Foundation Engineering TC525	90h Building Design Projects TC596,TH596
90h Physics I TC501	45h Architectural Drawing TC503	60h Civil Construction I TC505	60h Soil Mechanics I TC509	60h Hydraulics TH504	60h Hydrology TH505	60h Water Resources Engineering TH507	60h Environmental Sanitation II TH510		
60h Applied Chemistry TC502		30h Structural Analysis II TC506	60h Civil Construction Materials I TC510		30h Experimental Hydraulics and Hydrology TH506	60h Environmental Sanitation I TH509	45h Highways TT505	60h Infrastructure and Special Works Projects TC595,TH595,TT595	
60h Introduction to Engineering and Innovation TC591,TH591,TT591	60h Structural Analysis I TC504	30h Structural Systems TC507	30h Construction Materials Lab TC511	60h Transportation Planning and Operation TT502	60h Earthworks and Pavement Projects TT503	30h Engineering Economics TT504	45h Pavement Engineering TT506	30h Applied Electricity TE144	
	60h Physics II TH512	60h Fluid Mechanics I TH501	60h Fluid Mechanics II TH502	60h Environmental Sciences TH508	90h Urban Structuring TH593,TT593	60h Urban Engineering TH594,TT594	30h Transportation Laboratory TT507	30h Engineering and Society TH511	
		30h Transportation Systems TT501	30h Experimental Fluid Mechanics TH503	60h Civil Engineering and Sustainability TC592,TH592,TT592			30h Scientific and Technological Research Methodology TT509	60h Business Administration TT510	
							30h Economic Engineering TT508	45h Final Graduation Project I TC581,TH581,TT581	
26 hours per week	23 hours per week	26 hours per week	27 hours per week	27 hours per week	26 hours per week	26 hours per week	24 hours per week	23 hours per week	22,6 hours per week	259,6 hours per week
390 h 390 h	345 h 735 h	390h 1.125 h	405h 1.530 h	405h 1.935 h	390h 2.325 h	390h 2.715 h	360h 3.075 h	345h 3.420h	340h 3.760h	C.W. TOTAL