

CVY7385 Comprehensive Design Project (Civil Engineering)

Level	7
Course Code	CVY7385
Course Title	Comprehensive Design Project (Civil Engineering)
Credit value	3
Core/Optional	Core
Course Aim/s	Aim of this course is to complete a compressive engineering project relevant to Civil Engineering by utilizing material taught in the previous levels (years) while focusing the industry requirement and problem encountered.
Course Learning Outcomes (CLO):	At the completion of this course student will be able to: CO1: Formulate the design objectives; identify the design philosophy; identify and plan resource management. CO2: Identify steps to be taken to minimize socio-economic and environmental impacts; communicate measures to the client and the public. CO3: Assess the product based on industry standards e.g. energy efficiency, life-cycle cost, recyclability, carbon foot-print etc. CO4: Demonstrate the method of analysis and how design attributes are estimated. CO5: Plan and execute the design task; display the product; seek feedback.
Content (Main topics, sub topics)	The content depends on the area of the compressive design