NEW CIVIL ENGINEERING CURRICULUM FLOWCHART (4-Years-Plan)

First Semester	Second Semester	Summer [1]	Third Semester	Fourth Semester	Summer [2]	Fifth Semester	Sixth Semester	Summer [3]	Seventh Semester	Eighth Semester
ENGR002 [2Cr.] Introduction to Engineering	COMP208 [3Cr.] Programming I	GENxxx [4Cr.] General Electives	MATH283 [3Cr.] Differential Equations	MATH284 [3Cr.] Numerical Analysis	GENxxx [4Cr.] General Electives	CVLE463 [3Cr.] Transportation and Traffic Engineering	CVLE354 [2Cr.] Environmental Engineering		CVLE453 [3Cr.] Sanitary Engineering	CVLExxx [9Cr.] Technical Electives*
PHYS282 [3Cr.] Materials Properties and Heat	BIOLxxx/CVLE208 [2Cr.] Environmental Biology	ARAB001 [2Cr.] Arabic Language	CVLE341 [3Cr.] Hydraulics I	CVLE342 [3Cr.] Hydraulics II		CVLE441 [2Cr.] Hydrology	CVLE371 [2Cr.] Structural Modeling		ENGR001 [1Cr.] Engineering Ethics	
MATH281 [3Cr.] Linear Algebra	CVLE260 [2Cr.] Engineering Surveying-1		CVLE261 [2Cr.] Surveying-2	INME221 [3Cr.] Engineering Economy	MGMT002 [2Cr.] Enterpreneurship I	CVLE325 [3Cr.] Construction Materials II	CVLE464 [3Cr.] Highway Engineering	CVLE499 [1Cr.] Internship Approved Experience/ Independent Study		
CHEM241 [3Cr.] Principles of Chemistry	MATH282 [3Cr.] Calculus	ENGL001 [2Cr.] English Language	ENGL211 [2Cr.] Advanced Writing	ENGL300 [2Cr.] Speech and Communications Skills		CVLE425 [3Cr.] Steel I	CVLE426 [3Cr.] Steel II		CVLExxx [3Cr.] Technical Electives*	
MCHE201 [3Cr.] Engineering Drawing and Graphics	CVLE270 [2Cr.] Civil Engineering Drawings and Detailing		MATH381 [3Cr.] Probability and Statistics	CVLE222 [3Cr.] Construction Materials I		CVLE333 [3Cr.] Soil Mechanics	CVLE466 [3Cr.] Construction Project Management		CVLE467 [3Cr.] Construction Planning & Scheduling	CVLE432 [3Cr.] Foundation Engineering
CVLE210 [3Cr.] Statics	CVLE211 [3Cr.] Mechanics of Materials		CVLE213 [3Cr.] Structures I	CVLE214 [3Cr.] Structures II		CVLE323 [3Cr.] RC Structures I	CVLE324 [3Cr.] RC Structures II		CVLE427 [3Cr.] BIM	
BLAW001 [1Cr.] Human Rights	PHYS281 [3Cr.] Electricity and Magnetism		CVLE231 [2Cr.] Engineering Geology				CVLE500 [2Cr.] Research Methodology		CVLE501 [1Cr.] Final Year Project I (FYP-Proposal)	CVLE502 [3Cr.] Final Year Project II (FYP-Report)
18 CREDITS	18 CREDITS	8 CREDITS	18 CREDITS	17 CREDITS	6 CREDITS	17 CREDITS	18 CREDITS	1 CREDIT	14 CREDITS	15 CREDITS

- University Requirements (12+8)
- Math and Basic Sciences (26)
- General Engineering (14)
- Technical Electives (12)
- Senior Project and Internship (5)
- Civil Major courses (73)

27/2/2019