

Civil Engineering		
Year	Course	Credits
3	Mechanics of Solids 3 (Core)	10
	Engineering Hydraulics 3 (Core)	10
	Structural Mechanics 3 (Core)	20
	Transportation Engineering 3 (Core)	10
	Structural Design 3 (Core)	10
	Structural Design Project 3 (Core)	10
	Construction Management 3 (Core)	10
	Geotechnical Engineering 3 (Core)	20
	Environmental Process Eng 3 (Core)	10
	Civil Design Projects 3 (Core)	10
4	Civil Design Project 4	20
	Individual Project 4	30
	Advanced Steel and Concrete Design 4	10
	Geotechnical Engineering 4	10
	Optional Courses (50 Credits)	Credits
	Appraisal of Existing Structures	10
	Geotechnical Design Project 4	20
	Hydraulics & Hydrology 4	10
	Environmental Biotechnology 4	10
	Renewable Energy 4	10
	Transportation Engineering 4	10
	Water and Environment Design	10
	Rock Mechanics	10

Electronics and Electrical Engineering			
Year	Course	Semester	Credits
3	Communication Systems 3	5	10
	Control 3	6	10
	Electromagnetic Compability 3	6	10
	Electronic Circuit Design 3	6	10
	Electronic Devices 3	5	10
	Electronic System Design 3	5	10
	Engineering Career Skills 3	5 & 6	10
	Simulation of Engineering System 3	5	10
	Power Engineering 3	6	10
	Real Time Computer System 3	5	10
	Team Design Project EE3	5 & 6	10
	Advanced Programming & Software Engineering 3	6	10
4	Individual Project EE4	7 & 8	30
4	Electives 1		90