

PROGRAM STRUCTURE DIAGRAM / Diploma in Civil Engineering

| Year 1 | | Year 2 | | Year 3 |
|-------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|
| FALL | SPRING | FALL | SPRING | FALL |
| ENGL101 English Communication Skills I | ENGL102 English Communication Skills II Pre-R: ENGL101 | CVEN310 Surveying | CVEN231 Engineering Geology Pre-R: CHEM101 | CVEN301 Design of Concrete Structures I Pre-R: CVEN340 |
| ENGR111 Computer Applications | ENGR110 Engineering Laboratories | ENGR201 Engineering Drawing Pre-R: FPIT002 | CVEN333 Mechanics of Material Pre-R: ENGR220 | MNGT 313 Entrepreneurship |
| MATH101 Calculus 1 Pre-R: FPPM002 | MATH102 Calculus II Pre-R: MATH101 | CVEN332 Civil Engineering Materials | CVEN362 Transportation Engineering | CNMN405 Building Information Modelling ENGR201 |
| PHYS101 Physics I | PHYS102 Physics II Pre-R: PHYS101 | ENGR220 Statics Pre-R: MATH102 | CVEN340 Analysis of Structures I | CVEN324 Integrating Group Project |
| ISLM101 Islamic Civilization | CHEM101 Chemistry | ENGR202 Technical Writing and Presentation ENGL102 | ENGR321 Dynamics Pre-R: ENGR220 | ENGR301 Managing Engineering Organizations |
| | | MATH215 | | Diploma Over |