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Civil Engineering Technology

Advanced Diploma

Program Code: 03351

Campus: North

Length: 6 semesters

Humber's Civil Engineering Technology advanced diploma program provides you with the skills needed for a career in the growing

The curriculum, designed in collaboration with industry, covers all aspects of infrastructure, from the inception of an idea to the construction

Our program features an optional field experience. The field experience is designed to enable students to apply their skills and knowledge

Courses

Semester 1

CIVL 101: Surveying 1

CIVL 104: Sketching and Computer Aided Drafting and Design 1

CIVL 115: Introduction to Engineering Design

CIVL 125: Physics and Statics

TMTM 105: Technical Mathematics 1

WRIT 120: Technical Reading and Writing Skills

Semester 2

CIVL 106: Methods of Construction

CIVL 152: Computer Aided Drafting and Design 2

CIVL 162: Fluid Mechanics

CIVL 200: Strengths of Materials 1

TMTM 202: Technical Mathematics 2: Civil Engineering

WRIT 220: Technical Workplace Writing Skills

Semester 3

CIVL 207: Material Testing

CIVL 211: Engineering Analysis

CIVL 214: Ontario Building Codes and Standards

CIVL 250: Strengths of Materials 2

CIVL 251: Surveying 2

GNED 101: An Introduction to Arts and Sciences

Semester 4

CIVL 153: Construction Administration/Estimating

CIVL 254: Soil Mechanics

CIVL 256: Water Supply Operations

CIVL 264: Building Information Modelling for Civil

CIVL 319: Introduction to Geographic Information Systems

CIVL 323: Infrastructure Rehabilitation

Select 1 from the following courses

GNED: General Elective

Semester 5

CIVL 300: Structural Analysis

CIVL 320: Municipal Services 1

CIVL 322: Steel and Timber Design

CIVL 324: Environmental Engineering

CIVL 325: Highway Technology

CIVL 354: Geotechnology

Semester 6

CIVL 208: Construction Administration Management

CIVL 352: Technical Project

CIVL 358: Reinforced Concrete Design

CIVL 359: Municipal Services 2

CIVL 365: Transportation

Select 1 from the following courses

CIVL: Civil Elective

Select 1 from the following courses

GNED: General Elective

Admission Requirements