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Electronics Engineering Technician

Diploma

Program Code: 03531

Campus: North

Length: 4 semesters

Advances in technology continue to make it easier for us to work, live and communicate with each other every day, and electronics

Humber's Electronics Engineering Technician diploma program emphasizes electronic products, control systems and telecommunications

You'll also build and test circuit boards, learn electronics fabrication, program PLCs and design embedded systems in our state-of-the-art

Courses

Semester 1

ELIC 105: Elements of Product Design

ELIC 124: Computer System Fundamentals

TECH 101: Electric Circuits

TECH 103: Digital Fundamentals

TMTM 104: Technical Mathematics 1

WRIT 120: Technical Reading and Writing Skills

Semester 2

TECH 150: Electronic Devices and Circuits

TECH 156: AC Circuits

TECH 158: Digital Electronics

TECH 159: Circuit Applications

TMTM 204: Technical Mathematics 2

WRIT 220: Technical Workplace Writing Skills

Semester 3

ELIC 200: Electric Machines

ELIC 220: Communication Circuits

ELIC 221: Linear Circuits

ELIC 222: Computer Programming in C/C++

GNED 101: An Introduction to Arts and Sciences

Select 1 from the following courses

GNED: General Elective

Semester 4

CALC 103: Introduction to Calculus

ELIC 223: Computer Networking

ELIC 250: Embedded Microcontrollers

ELIC 251: Telecommunication Systems

Select 1 from the following courses

ELIC: Electronics Eng. Electives

Select 1 from the following courses

GNED: General Elective

Admission Requirements

Admission selection is based on the following 3 requirements:

. Academic

To be eligible for admission, you must possess the following:

Ontario Secondary School Diploma (OSSD) or equivalent including these required courses:

Grade 12 English (ENG4C or ENG4U or equivalent)

Grade 12 Mathematics (MAP4C, MCT4C, MDM4U, MCB4U, MGA4U, MCV4U or MHF4U or equivalent)

Two Grade 11 or Grade 12 C, M or U courses in addition to those listed above

or

Mature student status

or

College or university transfer status

Mature Applicants

Diplomas and Certificates

An applicant is considered a mature applicant if they have not completed secondary school or other postsecondary school, and wish to

Degrees

An applicant is considered a mature applicant if they have not completed secondary school or attended postsecondary studies.