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Heating, Refrigeration and Air Conditioning Technician

Diploma

Program Code: 03271

Campus: North

Length: 4 semesters

Humber's Heating, Refrigeration and Air Conditioning Technician diploma program prepares you for a career as a technician capa

Courses

Semester 1

HRAC 100: Refrigeration 1

HRAC 101: HVAC Controls 1

HRAC 102: Engineering Practices

HRAC 106: Installation Practices

HRAC 107: Gas Code

TMTH 105: Technical Mathematics 1

WRIT 108: English 1 for Skilled Trade Professionals

Semester 2

GNED 101: An Introduction to Arts and Sciences

HRAC 150: Refrigeration 2

HRAC 151: HVAC Controls 2

HRAC 152: Oil Code

HRAC 153: Advanced Piping Systems

TMTH 205: Technical Mathematics 2

WRIT 208: English 2 for Skilled Trade Professionals

Semester 3

HRAC 200: Residential Systems Design 1

HRAC 202: Refrigeration 3

HRAC 205: Mechanical Ventilation

HRAC 206: HVAC Controls 3

HRAC 305: Decorative Heating Applications

Select 1 from the following courses

GNED: General Elective

Semester 4

HRAC 255: Refrigeration 4

HRAC 256: Heating Systems and Add-Ons

HRAC 300: Hydronic Systems

HRAC 350: Air Handling and Burners

HRAC 351: Combustion Venting

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 wi

Degrees

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

College Transfer Applicants