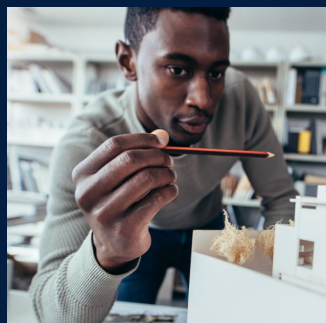




Engineering Software Skills Enhancement Bridging Program (ESSE)

Incorporating Industry
Trends and Adult
Learning

<https://humber.ca/community/new-to-canada/bridging-programs/engineering-skills-enhancement-bridging-program.html>



Today's Agenda

- WHY CONSIDER THIS PROGRAM?
- Program Objectives/Overview
- Eligibility Requirements
- Courses Offered
- Tuition Fees & Financial Assistance
- Benefits of the Program
- Your Questions/Next Steps

WHY CONSIDER THIS PROGRAM?

- ▶ Unique in terms of
 - ▶ Schedule/Duration: evenings/weekends; 15 weeks
 - ▶ Course selection – software training
 - ▶ Delivery method >> live instruction
 - ▶ What you know vs. what you can do
 - ▶ Study and job search at the same time >> technical training and marketing skills >> networking >> social capital
 - ▶ Free computer loans software access – Revit, AutoCAD, license for 1 year
 - ▶ Bursary

Objective: Employment in Engineering/Architecture

Overview

- Program starts: **Jan. 12, 2026**, and it will end Apr. 28, 2026
- Method of delivery: **virtual online**
- Streams: **Civil, Architecture**
- **Certificate of Accomplishment** will be awarded upon completing ***all*** courses within the program
- 270 hours of subject time
 - Approx. 27 hours/week
 - **4 days during the week** from 6:00pm-9:00pm (M,T, Th and Friday)
 - **Saturday: 9-12 and 1-4**
 - **Wednesdays and Sundays: No Class**
- Reading, **practice, practice, practice** and **active job search: 2 hours per day**
 - **Repeat - Supported repetition and guided practice**

Core Courses (All Streams)

Civil, Architecture
1. Revit Foundational
2. Revit Intermediate
3 . AutoCAD Foundational
4. Project Management Principles
5. Workplace Health and Safety
6. Blue-Print Reading
7. Sustainable Building Design
8. Business Communication & Career Planning

In Addition

Civil & Architecture

Ontario Building Code, Part 9, Building Envelope

Construction Estimating

Benefits of the program

- Employment in your field/related
 - 30% at the end of the program; - 50% - at 6 months; 82% - 12 months
- Instructors are professionals in the field
 - Learning is better under the guidance of a professional instructor – study and job search
 - Then with independent, isolated courses, self-study with pre-recorded courses
- Individual job search support – use of Jobscan/Devant
- Hiring events
- Part-time (evenings and weekends)
- Possible Bursary
- Humber College Certificate
- AutoCAD, Revit, – free license for 1 year

Learners' Testimonials:

*"I am excited to share some great news. I received an offer from **TGP** and started this week as a **Contracts Administrator**. Thanks to you and the Humber Team, I've secured my first Canadian job in such a competitive market, and I am thrilled to be part of a great team and project. It felt like a 'private' course based on the support received." **Oct. 2025***

- "I am reaching out to keep you posted on a recent update. Yesterday (Oct. 9), I interviewed in-person with **Sibwest** HR. Today, I received a phone call offering me a full-time job for a **Project Coordinator**. I also would like to thank you from the bottom of my heart. The efforts and time you have invested for me are appreciated." **Sept. 2025***
- "I wanted to share the great news that, after a long and challenging interview process, I've been offered and accepted the position of **Real Estate Project Manager at Costo**. I truly appreciate your guidance and support throughout this journey." **Sept. 2025***
- "I truly appreciate your patience and the way you support newcomers throughout the program. The program is extremely well managed. I am happy to share that I have recently accepted a **Sr. Project Coordinator position with Alberici**. " **Oct. 2025***

