

Computer-Aided Design and Drafting

(ELC.1Q) A.C.S.


Graduate with a solid foundation in AutoCAD. Hands-on training in manufacturing, engineering, and architectural drafting. Get real work experience with an extensive internship. Become a CAD Technician in just 16 months.

Computer-aided design (CAD) technicians produce technical drawings for engineers, architects, and construction companies. They help bring all kinds of products to life, from small machines to entire buildings.

Herzing College offers an accelerated Computer-Aided Design and Drafting program with 3 different areas of study in architectural, engineering, and mechanical drafting.



 Program Length: **16 Months OR 24 months**
Includes **16 week internship**

 Program Delivery:
On Campus, Online, Hybrid

CAREER OUTLOOK

Students choose which track they begin with, and then work through the other study areas. Your training concludes with the internship. By the end of the program, you will have the software knowledge and drafting skills to work in all three areas of design and drafting:

Track 1: Visualization & Animation in Engineering Design

Track 2: Manufacturing & Mechanical Engineering Drafting & Design

Track 3: Architectural / Engineering/ Construction Building Design

Employment Statistics

98%

Percentage of Overall 2022 Available Graduates
Employed in a Related Field

PROSPECTIVE JOB TITLES

*Mechanical Engineering Technologist, Industrial Engineering Technologist
Architectural Draftsperson, Technologist in Drafting, Draftsperson
CAD Technician*

WHO HIRES OUR GRADUATES

Axis Lighting, Lumenpulse, Enerquin, Orbinox, CDS Machines

Employment statistics based on most recent available. Information in this document is subject to change.
Herzing College Montreal is a post-secondary institution recognized by the Ministry of Education and Higher Learning (permit number 749758) and a secondary vocational studies institution (permit number 534501).
Updated March 3, 2023

Computer-Aided Design and Drafting

(ELC.1Q) A.C.S.

✓ ADMISSION REQUIREMENTS

- Quebec issued high school diploma or equivalent
- Minimum of two consecutive terms OR One school year interruption from full-time studies OR Minimum of one year post-secondary education
- Pass a general admissions entrance test
- Meet any additional program specific entrance requirements

✓ LEARN ONLINE

Online programs offer the flexibility; personalization and support that you need to succeed in today's ever-changing job market. Work on your assignments when it's convenient for you, all with the support of a dedicated Instructor.

✓ COURSE LIST

The Computer-Aided Design and Drafting program teaches the software and technical skills needed to become a CAD technician or draftsman. This program is project-based and provides hands-on experience with the latest software.

• AutoCAD for Windows	• Modeling Project II
• Computer-Aided Drafting I	• PREP Introduction to AutoCAD & 2D Working Drawings for AEC
• Introduction to 3D VIZ	• Drafting Techniques
• 3D CAD	• Architectural and Civil Drafting
• 3D Studio Max for Engineering Design	• Architectural and Civil Drafting II
• PREP Introduction to AutoCAD & 2D Working Drawings for MCA	• Commercial Construction Drafting & Design
• Computer-Aided Drafting II	• Commercial Building Materials
• Elements of Mechanical Design	• Internship
• 3-Dimensional Modeling	
• Parametric Modeling	