

Industrial Drafting

(5725) D.V.S.

Comprehensive training in AutoCAD to produce professional technical drawings for manufacturing and construction. Learn industry-standard industrial drafting skills and get real work experience before you graduate.

Industrial drafters interpret the ideas of engineers and present them in the language of manufacturing and construction. They use AutoCAD software to produce a variety of technical drawings and documentation.

Herzing's Industrial Drafting program teaches students how to interpret design specifications, and produce the technical drawings and data needed for manufacturing and construction. Our graduates are fully prepared for industrial drafting jobs.



🕒 Program Length: **14 Months OR 18 Months**
Includes **3 week** internship

📖 Program Delivery:
On Campus, Online, Hybrid

▮ CAREER OUTLOOK

There is steady demand for skilled industrial drafters in Montreal and throughout Quebec. Graduates of Herzing's Industrial Drafting program will find career opportunities at consulting and construction companies, utility, resource and manufacturing companies and government organizations.

Employment Statistics

98%

Percentage of Overall 2022 Available Graduates
Employed in a Related Field

▮ PROSPECTIVE JOB TITLES

Drafting Technologist, Draftsperson, Computer-Assisted Drafting (CAD) Technician, Mechanical draftsperson

▮ WHO HIRES OUR GRADUATES

Enerquin, Lumenwerx, J.L. Generation Durable, Motion Composites KSH

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

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✓ 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

Study topics for the Industrial Drafting program cover all the skills and knowledge needed to start a career in this field.

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| • The Trade and Training Process | • Correcting a Drawing |
| • Solving Problems Related to Industrial Drafting | • Illustrating Power Train Systems |
| • Producing Sketches | • Job Search and Entrepreneurial Techniques |
| • Interpreting Technical Drawings | • Producing Drawings for Mechanical Systems |
| • Working at a Computerized Workstation | • Drawing the Housing of a Machine |
| • Detail Drawings of Mechanical Components | • Three-Dimensional Drawings of an Object |
| • Illustrating Fasteners | • Development Drawings |
| • Illustrating the Arrangement of Components | • Piping and Circuit Diagrams |
| • Materials and Manufacturing Processes | • Detail Drawing of a Mechanism |
| • Assembly Drawings | • Entering the Workforce |
| • Taking and Interpreting Measurements | • Designing a Simple Technical Object |
| • Specialized Functions of a Computer-Aided Drafting Program | |
| • Dimensional Tolerances | |