HERZING COLLEGE

COMPUTER-AIDED DESIGN AND DRAFTING

PROGRAM OVERVIEW
3Computer-Aided Design And Drafting (ELC.1Q) Training In Montreal

Skilled drafters interpret the ideas of engineers and present them in the language of manufacturing and construction. In the past, drafters primarily produced working and schematic drawings using a variety of drafting machines, rules, T-squares, curves, triangles, and other drawing tools. Today, individuals in this role produce these drawings using a computer-assisted drawing system known as CAD.

This program prepares students to become skilled drafters that interpret the ideas of engineers and present them in the language of manufacturing and construction. This course offers three different areas of study to choose from; Track A – Visualization & Animation in Engineering Design, Track B – Manufacturing & Mechanical Engineering Drafting & Design, Track C – Architectural / Engineering/ Construction Building Design.

Program length: 16 months (25 hours/week, M-F) includes 14 week internship

COURSE LIST

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

CAREER
The Computer-Aided Design and Drafting program prepares students to immediately enter the industry as a drafter or CAD operator, and find employment as a Mechanical or Industrial Engineering Technologist or a Technologist in Drafting.

Examples of possible job titles include: Mechanical Engineering Technologist, Industrial Engineering Technologist, Technologist in Drafting, Draftsperson, CAD Technician

Examples of employers include: Axis Lighting, Lumenpulse, Enerquin, Orbinox, CDS Machines

Sample starting salary range: $30,160 – $34,320

2015 employment statistic: 83% of available graduates were employed in a related field.

*Statistics based on most recent available.