3D ANIMATION

PROGRAM OVERVIEW

3D Animation (NLT.09) Training And Courses In Montreal

3D Animation is an exciting new trend in the entertainment industry. 3D Animation uses computer generated graphics to create animated scenes that look sophisticated and realistic. Examples of 3D Animation can be found in popular movies such as Frozen, Ice Age, How to Train your Dragon and Sin City.

This program provides a well-rounded curriculum and prepares students with the skills and competencies needed in pursuing a career in TV, movie production, video game animation and other industries requiring 3D animation. Areas of study include storyboarding, character animation, modeling characters and scenes, texturing, special effects, lighting, and computer applications such as Autodesk 3D Studio Max or Maya, Adobe Photoshop, Adobe Premiere, Zbrush and C4.

Program length: 18 months (25 hours/week, M-F) includes 8 week internship

COURSE LIST

Sculpture for Animation (Digital Sculpture Using Zbrush 4R7)
Traditional Drawing (Painting & Illustration using Photoshop)
Character Design and Storyboarding
Low Polygon Modeling and Animation (Introduction to 3DS Max)
Image Manipulation with Photoshop (Introduction to Textures)
Character Skinning,Textures & Materials (Introduction to Animation)
Game culture & industries (Level design)
3D Character modeling
Modeling, Character rigging
Character Skinning, Textures & Materials Mapping
Character Animation
Advanced Character Animation
Architectural and Environmental Modeling
Lighting & Special Effects
Advanced lighting & special effects
Demo Reel I
Demo Reel II
Internship

CAREER

Careers In 3D Animation

The 3D Animation program prepares graduates to work in film, television, advertising, website design or the game production industry.

Examples of possible job titles include: 3D Animator, Animator, Cybergraphic Designer, Interactive Illustrator, Multimedia Illustrator

Sample average salary (payscale.com): $29,120 – $33,280

*Statistics based on most recent available.

WEB DESIGNER AND GRAPHIC DESIGN FOR WEB SITES

PROGRAM OVERVIEW

Web Designer and Graphic Design for Web Sites (NWE.1T)

This program is offered in our Flex-Ed program format

The introduction of the internet brought forth an opportunity for graphic designers to use their creative talents online. A web designer works on the client-side and is involved in the graphical presentation (look-and-feel) of a web site. Web designers are not expected to program or maintain a web site's database; rather they are involved in the visual presentation of a site using multimedia tools. They are in charge of a graphical layout, animation and the interactivity of a web site.

This program prepares students with an integrated approach to web site design. Instruction is provided in client-side web site design techniques and management procedures through converging theoretical concepts and practical applications. Areas of study include internet and e-business concepts, hypertext markup languages (HTML 5), a scripting language such as JavaScript™, and web graphic software such as Photoshop® and Dreamweaver®.

Program length: 12 months (20 hours/week, M-TH)

At Herzing College we realize that adult learners have busy schedules. Many have to work while in school, others have to manage their time between school and child care. Whatever your lifestyle, being able to have some flexibility when it comes to scheduling classes is a big plus. That's why we developed an innovative learning model called Flex-Ed (flexible education). The Flex-Ed learning model gives you much more control of your class schedule by leveraging t he power of online learning. A tailored online delivery of curriculum allows you to manage your time in school in the way that fits best for your lifestyle. Best of all, you are always supported by an instructor and surrounded by other students like you.

COURSE LIST

E-Business
Markup Language Programming (HTML/CSS)
Internet Tools (Introduction to Programming using Javascript)
Web Scripting (Jquery)
Web Design Fundamentals (Mobile Sites)
Client-Side Web Development I –(PHOTOSHOP I)
Web Graphics I – (PHOTOSHOP II)
Creativity and Graphic Design (CREATIVITY)
Web Graphics II – (ILLUSTRATOR AND INDESIGN)
Client-Side Web Development II – (Project)
Internship

CAREER
Careers In Graphic Design For The Web

The Web Site Design program prepares graduates to find work in various sectors of the industry such as public and private organizations, small and medium sized companies, government, advertising agencies, multinational and manufacturing, and service and distribution companies.

Examples of possible job titles include: Graphic Designer, Web Designer, Computer Graphics Technician

Examples of employers for these positions include: CLC Montreal, Carte Blanche, Pente, Toon Boom, Face 3 Media

Sample average starting salary range: $29,120 – $33,280

2015 employment statistic: 92% of available graduates were employed in a related field.

*Statistics based on most recent available

INTERIOR DESIGN

PROGRAM OVERVIEW
Interior Design (NTA.1K) Training Program In Montreal

This program is offered in our Flex-Ed program format

Interior Designers conceptualize and produce aesthetic, functional and safe designs for interior spaces in residential, commercial, cultural, institutional and industrial buildings. Computers are used to aid in drafting, color matching and final product visualization.

This program prepares students to conceptualize and produce aesthetic, functional and safe designs for interior spaces in residential, commercial, cultural, institutional and industrial buildings. Areas of study interior design and decoration, color, space planning, CAD of interior designs and decorators, textiles and interior materials, furniture and accessories, lighting and commercial and residential perspectives and renders.

Program length: 18 months (20 hours/week, M-F) includes 8 week internship

At Herzing College we realize that adult learners have busy schedules. Many have to work while in school, others have to manage their time between school and child care. Whatever your lifestyle, being able to have some flexibility when it comes to scheduling classes is a big plus. That's why we developed an innovative learning model called Flex-Ed (flexible education).
The Flex-Ed learning model gives you much more control of your class schedule by leveraging the power of online learning. A tailored online delivery of curriculum allows you to manage your time in school in the way that fits best for your lifestyle. Best of all, you are always supported by an instructor and surrounded by other students like you.

COURSE LIST

Interior Design & Decoration
Interior Design Sketch Techniques and observational drawing
Digital Imaging for Interior Design & Decorating
Color
Space Planning
Interior Design & Decoration
CAD for Interior Designers & Decorators
Textiles and Interior Materials
Furniture and Accessories
Architectural Drawing
Interior Design & Decoration
3D Application Software for Interior Designers
Kitchens and Bathrooms
Lighting
Rendered Perspectives
Interior Design I
Interior Design II
Project I – Residential Interior Perspectives and Renders
Project II Commercial Interior Perspectives and Renders
Internship

CAREER

The Interior Design program prepares graduates for employment opportunities with architectural firms, interior design firms, retail establishments, construction companies, hospitals, airlines, , hotel and restaurant chains.

Examples of possible job titles include: Interior Designer, Interior Design Technician, Kitchen Designer, Office Space Planner, Project Manager, Retail Space Planner

Examples of employers include: Delta Furniture, Cuisine Royale, Le Chateau, Ruscio Studio, IKEA

Sample average salary range: $27,040 – $31,200

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

*Statistics based on most recent available.

- See more at: http://www.herzing.ca/montreal/training/interior-design-careers/#sthash.PYdpIR7f.dpuf

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.

INDUSTRIAL DRAFTING

PROGRAM OVERVIEW
Industrial Drafting (5725)

StudentSkilled 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 develops the skills necessary to determine the information to include on drawings.
Areas of study include taking and interpreting measurements, manufacturing, interpreting technical information related to materials and the manufacturing process, illustrating the arrangement of components and power train systems, interpreting and creating drawings and sketches, specialized functions of a computer-aided drafting program.

Program length: 14 months (35 hours/week, M-F) includes 3 week internship

COURSE LIST

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

CAREER
CThis program prepares students to work as drafting technologists and technicians in support of engineers, architects or industrial designers. Employment opportunities are available with consulting and construction companies, utility, resource and manufacturing companies, and all levels of government.

Examples of possible job titles include: Drafting Technologist, Draftsperson,
Computer-Assisted Drafting (CAD) Technician,

Sample starting salary range: $27,040- $31,200

*Statistics based on most recent available.

- See more at: http://www.herzing.ca/montreal/training/industrial-drafting-careers/#sthash.K1VNBvoc.dpuf

SUSTAINABLE ARCHITECTURE

PROGRAM OVERVIEW
Sustainable Architecture (EEC.2Q)
Sustainable Architecture is a new approach to architectural design and construction that focuses on green con-struction technologies, renewable energy, and improving the energy performance of buildings. Most governments are now concerned about issues of sustainable development and environmental awareness of individuals.

The Sustainable Architecture program prepares students to meet the requirements of the construction industry in general and to meet the growing need to adopt and develop strategies for development and design that are sus-tainable. Areas of study include applied mathematics for architecture, technical architecture and drawings, design, construction and environmental sustainability, services of green buildings and energy management, analysis and design statements of green buildings and regulation of construction and building codes.

Program length: 18 months (25 hours/week, M-F) includes 13 week internship

COURSE LIST

SApplied Mathematics for Architecture
Technical Architectural and Architectural Drawing
Design and Construction and Environmental Sustainability
History of Architecture and Sustainable Architecture
Analysis and Design Statements of Green Buildings
Architectural Drawing I
Ecological Wood Construction – Ecological Buildings
Regulation of Construction and Building Codes
Green Building Steel Masonry and Concrete Units
Architectural Drawing II
Project Development and Environmental Study Feasibility
Green Construction – Institutional Building Units
Service of Green Buildings and Energy Management Units
Analysis of Site Layout and Landscape Project
Green Building – Building Cultural
Specification, Estimation and Materials
Portfolio, Job Search and Interview Techniques
Project Management and Safety on Sites
Sustainable, Industrial and Commercial Buildings
Green Building Interiors
Built and Ecological Renovation
Professional Practice and Integration

CAREER
The Sustainable Architecture program prepares graduates for employment opportunities in architecture, engineering, property development, construction and more.

Examples of possible job titles include: Architectural Technologist, Drafting Technician, Appraiser, Assessor

Sample average starting salary range: $32,240 – $36,400

2015 employment statistic: 100% of available graduates were employed in a related field.

*Statistics based on most recent available

ACCOUNTING

PROGRAM OVERVIEW
Accounting (DVS 5731)
This program provides students with the necessary accounting skills and knowledge for entry level accounting and payroll positions in both small and large organizations.
Areas of study include accounting principles and practice, computerized accounting, managerial accounting, payroll administration, spreadsheets and data management.

Program length: 13 months (25 hours/week, M-F) includes 4 week internship

COURSE LIST

COURSE LIST
Occupation and Training Process
Researching Information
Tables and Charts
Calculation Related to Source Documents
Formatting Correspondence
English Correspondence
Processing Source Documents
Handling Cash
Business Legislation
Professional Relationship
Communicating in French
Payroll
French Correspondence
Data Processing
Daily Tasks
Efficiency
Costs of Goods and Services
End of Period Tasks
Year End Tasks
Income Tax Returns
Accounting System
Career Development
Internship: Entering the Workforce

CAREER
The Accounting program prepares graduates to work in the accounting or payroll department of any organization, ranging from retail businesses and manufacturing firms to organizations that provide health, education and social services.

Examples of possible job titles include: Accounting Clerk, Bookkeeper, AP Administrator, AP/AR Clerk, Payroll Clerk, Accounting Technician.

Examples of employers: Buffalo Jeans, Moog Audio, BSP Concept

Sample average starting salary range: $26,000 – $30,160

*Statistics based on most recent available.

DAMAGE INSURANCE

PROGRAM OVERVIEW
Damage Insurance (LCA.6A version 2013) Training
There are two principal categories of insurance – personal insurance (life and health) and damage insurance. The latter represents an important function within any society, protecting the value of important investments for both individuals and businesses. Damage Insurance makes it possible to replace possessions lost in case of theft, fire or other disasters, and provides essential risk management for organizations to continue operations. This program provides comprehensive training towards completing the licensing exams with the Autorité des Marchés Financiers (AMF). Areas of study include industry and specific techniques used for property, building, automobile and other insurance functions, financial accounting, computerized tools, loss prevention, risk analysis and professional client service.

Program length: 11 months (20 hours/week, M-F)

COURSE LIST

Concepts of Law in General Insurance
Financial Accounting
Personal Property and Liability Insurance
Building Codes and Standards
Professional Integration in a Computerized Environment
Damage Insurance Communications and Sales
Direct and Indirect Damages and Complementary Products
Risk Analysis in Personal Lines Insurance

CAREER
The Damage Insurance program prepares graduates to begin fulfilling financial careers working for banks, brokerage firms, adjusters or other insurance companies.

Examples of possible job titles include: Insurance Agent, Insurance Broker, Claims Adjuster, Underwriter

Sample starting salary range: $29,120 – $33,280

*Statistics based on most recent available

BUSINESS ADMINISTRATION

PROGRAM OVERVIEW
Business Administration Sales And Marketing (LCA.7N)

A career in Business Administration presents a variety of different career tracks, including; finance/accounting, customer service, sales and marketing. Individuals in this role are typically responsible for using common operating systems and software for administrative purposes, analyzing and processing accounting data, establishing marketing plans, or selling products and services to customers.

This program provides a unique overview of business principles, practices and operations with a focus on developing managerial skills. Areas of study include accounting concepts and applications, business principles and management, computer business application software, marketing, sales and communication skills.

Program length: 14 months (25 hours/week, M-F) includes 8 week internship

COURSE LIST

Business Application Software
Venture Start-up
Accounting I
Computerized Accounting
E-Business Concepts
Accounting II
Business Principles and Management
Business Communications
Sales by Representation
Business Mathematics
Retailing
Business Law and Ethics
Introduction to Marketing
Statistical Methods
Advertising and Direct Marketing
Market Research
Spreadsheets and Databases
Global Marketing
Internship

CAREER
This program prepares students to work in the business office of any organization.
Graduates should find employment opportunities with government offices and agencies, insurance companies, various business offices, retail outlets, and sales organizations.

Examples of possible job titles include: Business Manager, Administration Officer, Account Executive, Office Controller, Marketing Representative, Sales Associate, Business Development Officer

Examples of employers include: SLF, ADP, Insight, Primerica

Sample starting salary: $27,040 – $31,200

2015 employment statistic: 100% of available graduates were employed in a related field.

*Statistics based on most recent available.

PROGRAM OVERVIEW

Web Designer and Graphic Design for Web Sites (NWE.1T)

This program is offered in our Flex-Ed program format

The introduction of the internet brought forth an opportunity for graphic designers to use their
creative talents online. A web designer works on the client-side and is involved in the graphical
presentation (look-and-feel) of a web site. Web designers are not expected to program or maintain
a web site's database; rather they are involved in the visual presentation of a site using multimedia tools.
They are in charge of a graphical layout, animation and the interactivity of a web site.

This program prepares students with an integrated approach to web site design. Instruction is provided in
client-side web site design techniques and management procedures through converging theoretical
concepts and practical applications. Areas of study include internet and e-business concepts,
hypertext markup languages (HTML 5), a scripting language such as JavaScript™, and web graphic
software such as Photoshop® and Dreamweaver®.

Program length: 12 months (20 hours/week, M-TH)

At Herzing College we realize that adult learners have busy schedules. Many have to work while in school,
others have to manage their time between school and child care. Whatever your lifestyle,
being able to have some flexibility when it comes to scheduling classes is a big plus.
That's why we developed an innovative learning model called Flex-Ed (flexible education).
The Flex-Ed learning model gives you much more control of your class schedule by leveraging t
he power of online learning. A tailored online delivery of curriculum allows you to manage
your time in school in the way that fits best for your lifestyle. Best of all, you are always supported
by an instructor and surrounded by other students like you.

COURSE LIST

E-Business
Markup Language Programming (HTML/CSS)
Internet Tools (Introduction to Programming using Javascript)
Web Scripting (Jquery)
Web Design Fundamentals (Mobile Sites)
Client-Side Web Development I –(PHOTOSHOP I)
Web Graphics I – (PHOTOSHOP II)
Creativity and Graphic Design (CREATIVITY)
Web Graphics II – (ILLUSTRATOR AND INDESIGN)
Client-Side Web Development II – (Project)
Internship

CAREER
Careers In Graphic Design For The Web

The Web Site Design program prepares graduates to find work in various sectors of the industry such as public
 and private organizations, small and medium sized companies, government, advertising agencies,
multinational and manufacturing, and service and distribution companies.

Examples of possible job titles include: Graphic Designer, Web Designer, Computer Graphics Technician

Examples of employers for these positions include: CLC Montreal, Carte Blanche, Pente,
Toon Boom, Face 3 Media

Sample average starting salary range: $29,120 – $33,280

2015 employment statistic: 92% of available graduates were employed in a related field.

*Statistics based on most recent available

INTERNATIONAL COMMERCE IMPORT/ EXPORT

PROGRAM OVERVIEW
International Commerce & Import / Export (LCA.ER)
With our global community rapidly expanding, and with the increased interest and dependence on world trade, the industry of importing and exporting goods couldn't be more important or vital to the world's economy. Individuals trained in Import/Export will be familiar with the details of the regulations and laws that govern world trade, as well as be privy to the current dialogues and rhetoric of the international market. - See more at: http://www.herzing.ca/montreal/training/

This program teaches students valuable skills recommended by the Forum for International Trade Training (FITT), which will provide all the tools necessary to eventually become a Certified International Trade Professional (CITP) Areas of study include research in international business, legal aspects of international trade, law and business ethics, spreadsheets and databases and financial mathematics.

Program length: 14 months (25 hours/week, M-F) includes 8 week internship

COURSE LIST

Global Business Environment
International Trade Research
International Trade Finance
International Marketing
Legal Aspects of International Trade
International Trade Management
Global Supply Chain Management
International Market Entry Strategies
Internship

CAREER
Careers In International Commerce & Import / Export

The International Commerce & Import/Export program prepares graduates for career opportunities in customs, export trading companies, or as an import/export merchant.

Examples of possible job titles include: Sales Representative, Customs Official, Import/Export Merchant, Import/Export Clerk

Sample starting salary range: $29,120 – $33,280

*Statistics based on most recent available

EARLY CHILDHOOD EDUCATION

PROGRAM OVERVIEW
Early Childhood Education (JEE.0K)
Early childhood education is a fulfilling career choice, helping to provide a foundation of support to encourage children to grow into their full potentials. Those who are interested in pursuing this career should enjoy planning and organizing recreational activities for young children, enabling them to integrate into groups and greater society. Empathetic communication is necessary to establish relationships built on trust and to develop their capacities for creativity.

This program provides training for the care and guidance of preschool children under the supervision of early childhood educators, stimulating and developing their intellectual, physical and emotional growth. Areas of study include the fundamentals of early childhood psychology, child safety and risk management, behavioral intervention, strategies, social-emotional development, and educational activities.

Program length: 14 months (20 hours/week, M-F) includes 8 week internship

COURSE LIST

Sculpture for Animation (Digital Sculpture Using Zbrush 4R7)
Traditional Drawing (Painting & Illustration using Photoshop)
Character Design and Storyboarding
Low Polygon Modeling and Animation (Introduction to 3DS Max)
Image Manipulation with Photoshop (Introduction to Textures)
Character Skinning,Textures & Materials (Introduction to Animation)
Game culture & industries (Level design)
3D Character modeling
Modeling, Character rigging
Character Skinning, Textures & Materials Mapping
Character Animation
Advanced Character Animation
Architectural and Environmental Modeling
Lighting & Special Effects
Advanced lighting & special effects
Demo Reel I
Demo Reel II
Internship

CAREER

The Early Childhood Education program prepares graduates for a career in early childhood care, including daycare centres, kindergartens, nursery schools and special education organizations.

Examples of possible job titles include: Early Childhood Educator, Early Childhood Assistant, Child-Care Worker, Day-Care Helper, Preschool Helper, Preschool Supervisor.

Sample average starting salary range: $27,040 – $31,200

*Statistics based on most recent available

PHARMACY TECHNICAL ASSISTANT

PROGRAM OVERVIEW
Pharmacy Technical Assistant (DEP 5802) Training

Pharmacy Technical Assistants work alongside pharmacists to provide customer service, medication and other health care products to clients. Duties can also include maintaining prescription records, maintaining inventory for medication and pharmaceutical products. Individuals in this role may also be responsible for supervising other pharmacy staff.
This program provides an overview of the theory, principles, and practices of the pharmacy technician. Areas of study include accurately and safely processing prescriptions, aseptic techniques, controlling inventory, keeping accurate and confidential records, third-party billing, acting within relevant legislation, and effectively communicating orally and in writing.
Certificates featured in the Pharmacy Technical Assistant course: First Aid and CPR

Program length: 13 months (25 hours/week, M-F) includes 6 week internship

COURSE LIST

The Occupation and the Training Process
Word Processing
Non-Parental Drugs
Legislation and Professional Ethics
Pharmaceutical Calculations
Principles and Techniques of Hygiene and Asepsis
Pharmaceutical Applications Software
Non-Sterile Preparations
Dispensing in Community Pharmacies
Communication and Teamwork
Occupational Health and Safety
Customer Service and Inventory Management
Dispensing in Health Care Establishments
Sterile Preparations
Planning a Job Search
Practicum in an Extended Care Facility
Practicum in a Community Pharmacy
Practicum in a Hospital

CAREER

The Pharmacy Technical Assistant program prepares students with the necessary skills and academic knowledge for positions in community and institutional pharmacies, as well as pharmaceutical companies.

Examples of employers for these positions include: Jean Coutu, Pharmaprix, Jewish General Hospital, LaSalle Hospital

Examples of possible job titles include: Pharmacy Technical Assistant, Pharmacy Assistant,

Sample average starting salary range: $26,250 – $30,680

2015 employment statistic: 89% of available graduates were employed in a related field.

*Statistics based on most recent available

COMPUTING SUPPORT

PROGRAM OVERVIEW
Computing Support Program (5729)

Individuals trained in computing support manage and install network resources, optimize computer performance and troubleshoot computer problems. They will be able to analyze the architecture and operation of computer systems and provide service to clients in the workplace.

This program teaches optimal use of software, the use of older and recent operating systems, the use of application software, creating and using databases, and the use of telecommunications. Areas of study include network management, developing programs, installing hardware and software, managing access, setting up resource sharing, troubleshooting and computer optimization.

Program length: 14 months (35 hours/week, M-F) includes 7 week internship

COURSE LIST

The Occupation and the Training Process
Systems Analysis
Older Operating Systems
Problem Solving
Researching Information
Programming Utility Software
Working Relationships
Application Software
Recent Operating Systems
Databases
Installation of Workstations
Time Management
Communication in French
Networks : Access Management
Networks Resource Sharing
Telecommunications Facilities
Career Management
Troubleshooting
Computer Optimization
Technical Support at a Telephone Help Desk
Practicum : Technical Support
Practicum : Service à to clients

CAREER
The Computing Support program prepares graduates to start a career in applied internet technology, systems diagnostics, local area network installation and maintenance, data communication techniques and network administrative tasks.

Examples of possible job titles include: Computer Network Technician, WEB Technician, Network Support Technician

Sample starting salary range: $27,040 – 31,200

2015 employment statistic: 100% of available graduates have found employment in a related field.

*Statistics based on most recent available

NETWORK ADMINISTRATION

PROGRAM OVERVIEW
Network Administration (LEA.A) Certification Training In Montreal

The ever-increasing changes in the computer industry have created a demand for people who have the knowledge and skills to install, configure and troubleshoot microcomputers and networking systems. These people must also be able to readily adapt to the changing networking and operating systems environment.

This program prepares students with the knowledge and skills to install, configure and troubleshoot microcomputers and networking systems and write their certification exams to become a Microsoft Certified IT Professional (MCITP) and Certified Cisco Network Associate (CCNA). Areas of study include Network Administration, communication protocols, internet technologies and electronic mail services.

Microsoft Certified Solution Associate MCSA

MCSA Server 2012

Installing and Configuring Windows Server 2012 (70-410)
Administering Windows Server 2012 (70-411)
Configuring Advanced Windows Server 2012 Services (70-412)
MCSA Windows 8

Configuring Windows 8.1 (70-687)
Managing and Maintaining Windows 8.1 (70-688)
Microsoft Exchange Server 2013 (exam 70-341)
Students may choose to prepare for and take any number of the examinations.
The completion of any one of these examinations gives the student the designation of Microsoft Certified Professional. The completion of three core certification exams will confer upon the student recognition as Microsoft Certified Solution Associate Server 2012. Students must keep in mind that completing courses successfully does not automatically guarantee a pass on the MCTS exams.

Program length: 8 months (12 hours/week, M-TH)

COURSE LIST

Network Administration I
Network Administration II
Communication Protocols
Electronic Mail Services
Internet Technologies I
Internet Technologies II

CAREER
The Network Administration program prepares graduates to work for any organization that currently has installed or is planning to install a computer network, and computer support organizations that consult with clients on the installation and maintenance of computer networks.

Examples of employers for these positions include: IBM, CGI, Air Canada, EMSB

Examples of possible job titles include: Network Administrator, LAN (local area network) Technician, Web Technician, Computer Network Technician, Systems Administrator

Sample average starting salary range: $37,440 – $41,600

2015 employment statistic: 100% of available graduates were employed in a related field.

*Statistics based on most recent available.

MICROCOMPUTER AND NETWORKING SYSTEMS

PROGRAM OVERVIEW
Microcomputer and Networking Systems Technology (LEA.3V)

Individuals trained in microcomputer and networking systems provide problem solving services to network users. They are typically responsible for maintaining, troubleshooting and administering the use of local area networks (LANs), wide area networks (WANs) mainframe networks, computer workstations, and connections to the internet. It was only a few years ago that the terms Internet, intranet and extranet were used only in very specialized environments. Now they are part of the everyday vocabulary. The widespread use of the Internet has led to the use of routers, proxies, firewalls, VPN (Virtual Private Networks) and now cloud computing and virtualization. T he new technologies that have evolved in the last few years have also led to such internet-business terms as B2B, B2C and M2M. Our program is in constant evolution from year to year as the ever-increasing changes in industry dictate changes to course content.

This program provides students with the skills and competencies needed to install, configure and maintain microcomputers, workstation and network operating systems such Windows and LINUX; install and administer networks and internet/extranet services such as Web s ervers and Electronic Mail, understand and practice the concepts of cloud computing and virtualization. Areas of study include technical support, UNIX operating systems, network operating systems, managing an enterprise network, Microsoft based systems, and Linux operating systems.

We prepare students for jobs that demand proficiency with Microsoft products and technologies. In addition, Herzing College is a member of the Computer Technology Industry Association (CompTia). We also prepare students for proficiency in microcomputer hardware and operating systems. Because certifications are a reality in the computer industry, the Microcomputers and Networking Systems program contains course material for Microsoft Certified Solutions Associate (MCSA), Cisco CCENT, CompTia A+ and Network+, CompTia Cloud Essentials and CompTia Linux+ certifications.

MCSA Windows Server 2012 track certifications are as follows:

Installing and Configuring Windows Server 2012 (Exam 70-410)
Administering Windows Server 2012 (Exam 70-411)
Configuring Windows 8 (Exam 70-687)
Core Solutions of Microsoft Exchange Server 2013 (Exam 70-341)
CISCO CCENT Certification:

Cisco Certified Entry Networking Technician (Exam CCENT)
With a CCENT certification, a network professional demonstrates the skills required for entry-level network support positions – the starting point for many successful careers in networking.

CompTia Certifications:

CompTia A+ Certification Exam 220-701 (A+ Essentials)
CompTia A+ Certification Exam 220-702 (Practical Applications)
Network+ Certification Exam N10-004
CompTia Cloud Essentials Exam CLO-001
CompTia Linux+ Powered by LPI Exam LX0-101
CompTia Linux+ Powered by LPI Exam LX0-102
Program length: 15.5 months (25 hours/week, M-F) includes 12 week internship

COURSE LIST

Introduction to Computing & Application Software
Computer Architecture
Peripherals
Electronics for Network Specialists
Introduction to Networking
The Windows Operating System
Mathematics for Network Specialists
Web Server Installation
Communication Protocols
Communication and Electronic Mail
Technical Support
The UNIX Operating System
Network Operating System
Managing an Enterprise Network
Project
Work Internship

CAREER
The Microcomputer and Networking Systems program prepares graduates for employment opportunities with computer support organizations that consult with clients on the installation and maintenance of computer networks.

Examples of employers for these positions include: Group Access, DMS Consulting, Michael Kors, JP Metal, Arinc, Jesta I.S.

Examples of possible job titles include: Cloud Infrastructure Engineer, Technical Support Specialist, Network Specialist, Network Operations Analyst, Network Administrator

Sample average starting salary range: $32,240 – $36,400

2015 employment statistic: 100% of available graduates were employed in a related field.

*Statistics based on most recent available.

PROGRAMMER ANALYST

PROGRAM OVERVIEW
Programmer Analyst (LEA.AS) I

Programmer Analysts write, modify, integrate and test computer code for a variety of computer and software applications. They determine the business application need for a computer system. An individual trained in this role may also be responsible for training employees on using a program.

This program prepares students with the knowledge, skills, and the popular programming languages and applications required in a software development environment. Areas of study include Microsoft VB.Net applications, Object-oriented programming with JAVA, database design and development with SQL Server, Internet programming with JavaScript, PHP and mobile technologies.

Program length: 15 months (25 hours/week, M-F) includes 14 week internship

COURSE LIST

Computers and the Internet
Programming Logic
Object Programming I
Object Programming II   (Design)
Object Programming III   (Distributed)
Client-side Web Development
Web Scripting
Server-side Web Development I
Server-side Web Development II
Distributed Applications
Visual Programming I
Visual Programming II
Database Concepts and Applications
Introduction to SQL (SQL SERVER)
Database Applications (In Distributed Scenarios)
Internship

CAREER
Programmer Analyst Careers

The Programmer Analyst program prepares graduates to work in the technology field as various types of programmers, developers and analysts.

Examples of employers for these positions include: Jesta I.S., Physio Extra, Robert Transport, Pente Group

Examples of possible job titles include: Programmer Analyst, Programmer, Applications Programmer, Software Developer, Systems Programmer, Database Developer

Sample average starting salary range: $31,200 – $35,630

2015 employment statistic: 80% of available graduates were employed in a related field.

*Statistics based on most recent available.