Diploma in E-Commerce
Course outline:

1. Introduction to Programming
   - Fundamental Programming Construct using C
   - Algorithms, Problem Solving and Data Structures
   - Procedure and Recursion
   - Algorithms Analysis and strategies
   - Event Driven and Object Oriented Programming

2. Principle of E-Commerce
   - The E-Commerce Phenomenon and Principle of Web Designing
   - E-Commerce Solutions – Adjunct Software
   - Server Software, Hardware, Security and Infrastructure
   - Quality Assurance, WEBSITE Maintenance and Management
   - E-Marketing, Search Engines, CRM on WEB

3. UNIX
   - Getting Started with UNIX
   - General Purpose Utilities
   - The VI Editor
   - The File System and System Attributes
   - The Shell, the Process

4. Business Grammar and Writing
   - Business Grammar Essentials-I
   - Business Grammar Essentials-II
   - Business Writing Skills
   - Conclusion

5. Business Communications
   - Communication Foundation
   - Business Correspondence
   - Report and Proposals
   - Presentations
6. HTML & MS FrontPage 2002
   - Getting Started
   - Using MS- Front Page
   - Creating Links, Tables
   - Create Forms, Add Videos and Sounds
   - Frames

7. Macromedia Dreamweaver MX
   - Setting up a WEBSITE with Dreamweaver
   - Design
   - Tables and Frames using Dreamweaver
   - Cascading Style Sheets (CSS)
   - Layers, DHTML and Behaviours

8. Macromedia Flash MX
   - Flash Basics
   - Working with Graphics
   - Animating in Flash
   - Adding interacting and Advanced Animation
   - Ready for WEB

9. Adobe Photoshop
   - Starting Adobe Photoshop
   - Working with Selections and layers
   - Painting, Editing and Retouching
   - Vector Mask, Paths and Shapes
   - Creating Animating images for WEB

10. Java Programming
    - Introduction
    - Java Constructs
    - Exceptions and Introductions to Threads
    - Java Applications
    - Intro to JAVA applets
11. **Principles of Webhosting**
   - Perspectives
   - The Vendors
   - Strategies
   - Technologies
   - Tools

12. **ASP with VB Script and JavaScript**
   - Active server pages
   - Server Side scripting
   - Request / Response Objects
   - Application / Session Objects
   - JAVA Script and VB Script

13. **ASP.Net**
   - .Net overview
   - An introduction to ASP.Net
   - Controls of ASP.Net
   - ASP.Net Applications
   - ASP.Net and WEB services

14. **E-Commerce: Models and Strategies**
   - Getting started
   - A generic Model for E-Commerce
   - The Technology Landscape
   - Architectures for E-Commerce
   - Open Issues

15. **Internet Laws and Ethics**
   - Internet as a Distributed Environment
   - Cyberspace and Ownerships
   - Liability in the Internet World
   - Internet LAWS-1
   - Internet LAWS-2
16. **E-Commerce Project**

- Business Plan
- Website Design
- Project Plan
- Prototype WEBSITE
- Final Presentation

**N. B:**

The college is approved by Ministry of Training Education and Universities, Ontario, Canada and follows the PCC guidelines to register domestic and international students.

The course content is subject to change based on updates from time to time. For more details consult admissions coordinator at info@mlccollege.com or contact the college.