

DEVELOPING XML WEB SERVICES WITH VISUAL STUDIO.NET

CEDN-005

The goal of this course is to provide you with the knowledge and skills required to develop Web Services-based solutions to solve common problems in the distributed application domain. The course will cover Microsoft Visual Studio® .NET, C# .NET/VB.NET, Microsoft ASP.NET, and Universal Description, Discovery, and Integration (UDDI) to enable you to build, deploy, locate, and consume Extensible Markup Language (XML) Web Services. This course provides preparation for the .NET certification exams.

Prerequisite: CEDN-003 Developing Web Applications with Visual Studio.NET or equivalent knowledge/experience.

DATABASE DESIGN & MODELING WITH MICROSOFT SQL SERVER

CEDN-006

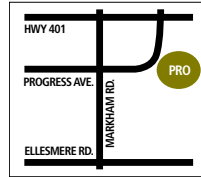
This course serves as preparation for Microsoft Exam 70-229: "Designing and Implementing Databases with Microsoft SQL Server Enterprise Edition," which is one of several electives for the MCSE certification track, and a core requirement for MCDBA certification.

Topics covered include developing a logical data model, implementing the database and objects, retrieving and modifying data using Transact-SQL, using indexes and views, programming business logic (stored procedures, triggers), tuning and optimizing data access, and creating and maintaining database security.

Prerequisite: CEDN-001 Introduction to NET Programming with VB.NET or equivalent knowledge/experience.

How to find us

For details on campus locations, see centennialcollege.calmaps



PROGRESS CAMPUS
941 Progress Ave.

How to register

REGISTER with Enrolment Services in one of the following ways:

- online - centennialcollege.ca/webreg (credit card needed), or
- phone 416-289-5300 (credit card needed), or
- visit any campus Enrolment Services in-person, or
- fax a registration form to Enrolment Services at 416-289-5279 (credit card needed)

Register early; classes fill quickly!

centennialcollege.ca/parttime/howtoregister

For more information:

Centennial College
P.O. Box 631, Station A
Toronto, Ontario, Canada M1K 5E9
416-289-5207 or 416-289-5000, ext. 2247
E-mail: jdavis@centennialcollege.ca
Web: centennialcollege.ca/computers

CENTENNIAL
COLLEGE

Microsoft
.NET



Continuing Education – part-time evening and weekend courses and programs.

centennialcollege.ca/parttime

The Future of Learning

Certificate of Achievement in

Microsoft .NET

Program Code 7030

Microsoft has replaced its existing development tools with the .NET framework, designed to have a competitive advantage over similar products. Market conditions have created a demand for programmers with .NET skills.

Potential .NET developers will therefore be interested in courses that provide the necessary skills to take advantage of interesting new opportunities. This certification will provide a significant advantage in a job market where this credential is widely recognized and respected. You will also receive course preparation for Microsoft certification exams that offer several levels of certification in the .NET development framework including:

- Web Applications
- Windows Applications
- SQL Server

Microsoft Certified Technology Specialist (MCTS)

Certification requirements are cumulative as students take more Microsoft exams.

COMPLETION REQUIREMENTS

Five mandatory courses:

Introduction to .NET Programming with VB .NET	CEDN-001
OR	
Introduction to .NET Programming with C# .NET	CEDN-004
Developing Windows Applications with VB.NET	CEDN-002
Developing WEB Applications with Visual.Studio.NET	CEDN-003
Developing XML WEB Services with Visual Studio.NET	CEDN-005
Database Design & Modeling with Microsoft SQL Server	CEDN-006

For dates, times and costs, visit our website: centennialcollege.ca/computers

For more information, please contact jdavis@centennialcollege.ca, 416-289-5000, ext 2247.

For academic advice or transfer credit information, contact program supervisor Mohamed Khan, mkhan@centennialcollege.ca, 416-289-5000 ext 8291.

INTRODUCTION TO .NET PROGRAMMING WITH VB.NET

CEDN-001

VB.NET is the latest version of the most widely used programming environment in the world, popular with professional developers and beginners alike. This course will teach you how to program in VB.NET from first principles. You'll quickly and easily learn how to write VB.NET code and create attractive windows and forms for the users of your applications. You'll also learn about object-oriented programming, creating your own controls, working with databases, creating menus, and working with graphics.

DEVELOPING WINDOWS APPLICATIONS WITH VISUAL STUDIO.NET

CEDN-002

Build real-world programming skills - and prepare for .NET certification exams. Learn how to build Windows®-based applications using Visual Basic®.NET/C#. Then extend your expertise through additional skill-building exercises. As you gain practical experience with essential Windows development tasks, you're also preparing for Microsoft .NET certification.

Prerequisite: CEDN-001 Introduction to .NET Programming with VB.NET or CEDN-004 Introduction to .NET Programming with C# or equivalent knowledge/experience.

DEVELOPING WEB APPLICATIONS WITH VISUAL STUDIO.NET

CEDN-003

Build real-world programming skills and prepare for .NET Certification Exams. Learn how to build Web applications using Visual Basic® .NET/C#. Then extend your expertise through additional skill-building exercises. As you gain practical experience with essential Web development tasks, you're also preparing for Microsoft.NET Certification.

Prerequisite: CEDN-001 Introduction to .NET Programming with VB.NET or CEDN-004 Introduction to .NET Programming with C# or equivalent knowledge/experience.

INTRODUCTION TO .NET PROGRAMMING WITH C#

CEDN-004

This course provides a systematic introduction to C#, one of Microsoft's new languages supporting its .NET environment. It is intended for programmers who want to leverage their existing skills by learning how to develop .NET applications using a modern object-oriented language with C++/Java-like syntax. The course will cover core topics including strings, arrays, objects and inheritance, the .NET framework, GUI interfaces, exceptions, and database access.

Prerequisite: CEDN-001 Introduction to .NET Programming with VB.NET or equivalent knowledge/experience.

