

How to find us

For details on campus locations, see centennialcollege.ca/maps



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 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.

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

IBM Java &
WebSphere

School of Continuing Education



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

centennialcollege.ca/parttime

The Future of Learning

Certificate of Achievement in

IBM Java & WebSphere

Program Code 7387

Java is a powerful object-oriented language with cross-platform capabilities that has become the programming language of choice for developing various types of business applications. Java is used widely for creating Web applications and many e-business applications. IBM WebSphere Studio Application Developer is a very popular integrated development environment for designing, coding, testing and deploying both Standard and Enterprise Java applications. By combining Java with WebSphere, this certificate provides a unique opportunity to expand your skill set with two excellent tools used in developing and deploying enterprise-level applications. The program also provides preparation for IBM Java certification exams.

COMPLETION REQUIREMENTS

Introduction to Java Programming Using IBM's
WebSphere Studio Application Developer COMP-423
Developing Java Applications with IBM's
WebSphere Studio Application Developer COMP-424
Java Enterprise Programming with IBM's
WebSphere Studio Application Developer COMP-425

Certificate of Achievement in

Advanced Java 2 EE (IBM WebSphere) Enterprise System Design and Programming

Program Code 7171

JAVA 2 EE (Java Platform, Enterprise Edition) is the industrial standard for developing multi-tier, server-centric enterprise applications. Since its early inception in mid-1990, it has evolved to a very rich set of coordinated technologies by IT powerhouses and Open Source efforts. JAVA 2 EE skills are in high demand and are challenging in the depth of the technologies involved. The objective of this program is to teach the latest technologies, tools, frameworks, design pattern and best practices of the industry. The program also provides preparation for IBM Java certification exams.

COMPLETION REQUIREMENTS

Developing Java Applications with IBM's
WebSphere Studio Application Developer COMP-424
Java Enterprise Programming with IBM's
WebSphere Studio Application Developer COMP-425
J2EE 5 Enterprise Programming with IBM's
WebSphere Studio Application Developer COMP-426
Open Source Java EE Enterprise System Design
and Programming COMP-428

INTRODUCTION TO JAVA PROGRAMMING USING IBM'S WEBSHERE STUDIO APPLICATION DEVELOPER

COMP-423

This course introduces the Java programming language. Students will learn Java fundamentals and object-oriented programming in Java. Learn how to use WebSphere Studio Application Developer to create, test, and debug Java applets and applications.

DEVELOPING JAVA APPLICATIONS WITH IBM'S WEBSHERE STUDIO APPLICATION DEVELOPER COMP-424

Building on the fundamentals of Java programming language, this course covers database-backed Web application development utilizing popular technologies such as Servlet, JSP, Tablib, Database Connectivity (JDBC) and Security Control (JAAS) using Java EE. Learn how to create complex Web applications with Java programming language in industrial standard platforms and tools.

Prerequisite: COMP-423 or equivalent knowledge/experience.

JAVA ENTERPRISE PROGRAMMING WITH IBM'S WEBSHERE STUDIO APPLICATION DEVELOPER COMP-425

This course exposes learners to the design and development of enterprise level programming. It typically involves multi-tiers, sync and/or async, lost and/or strong coupled system components in a multi-use multi-threaded paradigm. Explore the details of advanced J2EE APIs such as Java Server Faces, Entity Beans, XML, JMS and Web Services. Learn how to design and build complex business applications from Use Cases.

Prerequisite: COMP-424 or equivalent knowledge/experience.

J2EE 5 ENTERPRISE PROGRAMMING WITH IBM'S WEBSHERE STUDIO APPLICATION DEVELOPER COMP-426

This course focuses on the latest Java EE 5 specifications; JDK 5, JSP, JSF, JMS, JMB, EJB 3.0, Persistent API, Web Services and Enterprise Messaging techniques. Learn concept, design and programming techniques utilizing Java EE 5's new features. The course will use industrial standard tools; WebSphere Application Server, WebSphere Studio Application Developer and Eclipse for your course work.

Prerequisite: COMP-425 or equivalent knowledge/experience.

OPEN SOURCE JAVA EE ENTERPRISE SYSTEM DESIGN AND PROGRAMMING

COMP-428

Open source frameworks are becoming very popular and well accepted as building blocks for Java EE Enterprise systems. The course focuses on the four most popular open source frameworks in the industry: AJAX, Spring, Struts and Hibernate. Learn and use these four components to build a Java EE system with WebSphere Application Server, WebSphere Studio Application Developer and Eclipse.

Prerequisite: COMP-426 J2EE 5 or equivalent knowledge/experience.