

CERTIFICATE REQUIREMENTS

www.cvtc.edu – 1-800-547-2882

JAVA Technical Certificate

This certificate includes an introduction to programming and logic as well as computer and operating system concepts. Students will design and develop a database application using Oracle DBMS and Structured Query Language. Following the basics, students will learn to create Java classes and write their own methods. Basic programming skills, such as decision-making, looping, string manipulation, and arrays, followed by advanced concepts of Input/Output, Exception classes and packages will be included. New material emphasized will include Collections, JDBC, Servlets and Java Server Pages.

Course Number	Course Title	Hrs./ Week	Credits	Prerequisite(s)/Comments
152-106	Operating System	3	2	
152-101	Programming Fundamentals	4	3	
152-132	Database – SQL with Oracle and MySQL	4	3	
152-142	Java Programming I	4	3	152-101
152-129	Java Programming II	4	3	152-142
	Total Credits		14	

**A minimum final grade of “C-” is required in all prerequisite courses.*

TOTAL CREDITS REQUIRED = 14