

Java Introduction through Advanced

Prerequisites: C or C++ Programming Web Publishing Knowledge

Length: 5 Days

Summary: This course is designed to guide the student through the Java programming language from the introduction of data modeling to compiling advanced Java code

COURSE CONTENT

JAVA INTRODUCTION

WRITING A JAVA PROGRAM

OBJECT ORIENTED PROGRAMMING AND JAVA
METHODS

CLASSES AND CONSTRUCTORS

DATA HIDING AND ENCAPSULATION

DATA STRUCTURES ARRAYS AND VECTORS

PACKAGES AND PRIMITIVE DATA TYPES

INHERITANCE

STATIC METHODS AND VARIABLES

EXCEPTION HANDLING

A FIRST LOOK AT OBJECT MODELING

USING THE JAVA DOCUMENTATION

ABSTRACT CLASSES AND METHODS

INTERFACES

CLASS CASTING

THE JAVA 1.1 EVENT MODEL

THREADS

STREAMS

OBJECT SERIALIZATION

ADVANCED EXCEPTION HANDLING

THE REFLECTION API

CREATING DOCUMENTATION

RMI

JAVA AND CORBA