

**NYU CS9053** (Tuesday 3:20 PM – 5:50 PM)

**Course Title:** Introduction to Java

**Course Code:** CS9053

**Instructor:** Dr. Constantine (Dean) Christakos

**Location:** Online at <https://nyu.zoom.us/j/464754129>

**Office Hours:** Monday, 5pm-6pm, Tuesday 6pm-7pm,  
<https://columbiauniversity.zoom.us/j/5198078206>

**Reading List:**

**Textbook:**

Core Java, 11<sup>th</sup> Ed., Cay S. Horstmann

Java SE 8 For Programmers Dietel and Dietel, 3<sup>rd</sup> Ed

**Other sources:**

Introduction to Java Programming and Data Structures, 12<sup>th</sup> Ed., Y. Daniel Liang

**Lectures:**

March 10: Inheritance, IO, and Exceptions

March 24: Abstracts, Interfaces, and Generics

March 31: Functional Java / Lambdas (Core Java, Chapter 6.3)

April 7: GUI/Event handling Dietel & Dietel Chapter 12

April 14: Collections Chapter 9 & 5.2

April 21: Concurrency / Multithreading Chapter 14

April 28: Java and Databases, JDBC, Dietel & Dietel Chapter 21

May 5: TBD

All Chapters are from the Horstmann book except where Dietel book is explicitly mentioned.

Lecture slides are from the Liang book

**Assessments:**

Homework: 30%

Midterm: 30%

Final: 40%

Lowest graded assignment will be dropped, as per Prof Minhas's policy.

Final will be combined take home exam and final programming project.