

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
Centre for Continuing Engineering Education (CCEE)

Offers

3-MONTH PROFESSIONAL CERTIFICATION

on

SOFTWARE ENGINEERING AND JAVA PROGRAMMING

1.0 CPD

OBJECTIVES

- Take a “real-life” problem and abstract out the pertinent aspects necessary to solve it in an algorithmic manner.
- Formulate formal solutions to well-defined problems using the logic of a programming language.
- Implement formal solutions in Java using an integrated development environment.

Understand the basics of data abstraction using the object-oriented framework

What you'll learn

- » Basic Principles of Software Engineering
- » Introduction to Java and Basic Programming
- » Using Classes and Objects (OOP)
- » Classes, Constructors and Inheritance
- » Composition, Encapsulation, and Polymorphism
- » Software Process Models
- » Design GUI-based applications using JavaFX
- » Introduction to Databases, Entity Relationship Diagram
- » Advance Concepts of Databases, Data Flow Diagrams
- » Connect applications to databases using JDBC
- » Introduction to Java Server Pages
- » Deployment and Testing Techniques

Starting from

September 22, 2019

Duration

10 weeks (Sundays only)

Timings

9:00 AM to 12:00 Noon

Venue

Class Room, CCEE,
Admin Building, 2nd Floor,
NED University, University Road, Kar.

Investment

Rs.15,000/-

Discounts information available on web.

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