

ITDEV-140: Programming with JAVA

Course Description:

Using the latest Java SE Development Kit, students will learn and apply the Java programming language to create both console and graphical user interface applications. Topics explored include data types, decisions, loops, methods, data structures, I/O, exceptions, object-oriented skills, user interfaces, and the use of relational databases. Successful completion of ITDEV-110 prior to enrollment in the class is required or instructor permission.

Total Credits: 3.00

Course Competencies

- 1. Setup a Java programming environment**
- 2. Use data types**
- 3. Configure logic structures**
- 4. Implement methods**
- 5. Implement Object Oriented practices**
- 6. Employ data structures and storage**
- 7. Handle exceptions**
- 8. Develop a Graphical User Interface**