Course Prefix and Number: CIT 150

Course Title: Introduction to Programming with Java

Course Prerequisites: CIT 102


Software: Bundle of Java SE and NetBeans

Course Description:
This course is an introduction to programming using the Java language. Students will learn the basics of Java and use Integrated Development Environment to compile and run Java programs. Design concepts and programming tools will be integrated with an emphasis on practical business solutions.

Learning Outcomes:
At the end of this course, the student will:
   A. demonstrate the basic fundamentals of Java language;
   B. write programs using the selection structure, repetition structures and file I/O;
   C. write methods in Java; and
   D. write programs using Java classes.

To achieve the learning outcomes, the student will or will be able to:
(The letter designations at the end of each statement refer to the learning outcome(s).)
   1. implement variables and literals, arithmetic operators, and primitive data types (A);
   2. identify input and output, dialog boxes, scope, comments, and programming style (A);
   3. write code that uses if, if/else, nested forms of the selection structure (B);
   4. write code that uses comparison operators, logical operators and Switch statement (B);
   5. write code that uses the while loop, the do-while loop, the for loop, and the nested loops (B);
   6. explain the basics of file input and output (B);
   7. explain the basics of Methods, how to pass arguments to a Method (C);
   8. return a value from a Method and problem solving with Methods (C); and
   9. implement classes and objects (D).

Course Requirements:
   1. A student must successfully complete the course with an average of 70% or above on the combined learning outcomes.
2. Each student is expected to attend classes regularly; excessive unexcused absences constitute grounds for suspension (refer to the student handbook for attendance policies).

Course Grading Scale:

- 90 – 100 = A
- 80 – 89 = B
- 70 – 79 = C
- 60 – 69 = D
- 0 – 59 = F

Attendance Policy: The college attendance policy is available at http://www.bpcc.edu/catalog/current/academicpolicies.html

Course Fees: This course is accompanied with an additional fee for supplemental materials.

Nondiscrimination Statement: Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

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Equity/Compliance Coordinator
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