



CIS 157: Object-Oriented JAVA Programming I

The course covers basic concepts in programming and an introduction to the object paradigm. It introduces the concepts of the object paradigm and teaches students how to design and implement simple programs in an object-oriented language. The course also covers the basics of using computers and basic software tools to develop programs. Pre or co-requisite: CIS 123 or permission of the instructor. Three lecture hours and two laboratory hours per week. Instructional Support Fee applies. Gen. Ed. Competencies Met: Information Literacy.

Course Student Learning Outcomes

1. Install and configure the Java development environment.
 2. Use the syntax of Java object-oriented language to write applications.
 3. Analyze a problem and design and develop a logical solution that can be implemented in Java.
 4. Develop an understanding of the object-oriented techniques.
 5. Define, create, and use objects and object communication.
6. Work with Java collections and generics.

Credits: 4

Program: Computer Information Systems