

CS 04.112

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Java for Object-Oriented Programmers

(Prerequisites: CS 04.103 or equivalent experience)

This course is designed for students who have substantial programming experience in an object-oriented language, such as C++, but who need to learn the Java language as prerequisite knowledge for other courses in the curriculum. Students will study the syntax and semantics of the Java, specifically, classes and objects, abstraction, encapsulation, data types, calling methods and passing parameters, decisions, loops, arrays and collections, documentation, testing and debugging, exceptions, design issues, inheritance, and polymorphic variables and methods.