

Certificate in Java Programming

Program Details

The Java Programming Certificate is designed to provide an opportunity for students not enrolled in a degree program to acquire evidence of confirmation of Java programming language skills.

Students graduating with this certificate will be able to construct programs with the object-oriented language Java; build on the constructs of sequence, selection, and repetition to develop programs using objects, methods, data abstraction, inheritance, and polymorphism; and enhance his/her critical thinking skills by analyzing, understanding, and developing solutions to a wide range of problems.

Program Outcomes

Massasoit's Java Programming Certificate aims:

- To provide evidence of the student's competence to program in the Java programming language; this proof will be demonstrated as the student works toward his/her associate degree.
- To provide an opportunity for students not enrolled in a degree program to acquire evidence of confirmation of Java programming language skills.

Academic Map

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A minimum of 3 classes and 9 credits is required. At least 5 credits of your certificate must be taken at Massasoit. This certificate fits into the AS degree in Computer Science Transfer. Note: Each course completed and passed can only fulfill one program requirement. The same course cannot be used to satisfy multiple program requirements.

Semester 1

3 Credits in COSC 101
Fundamentals of Computer Science
3 Credits in COSC 157
Introduction to Java Programming

Semester 2

4 Credits in COSC 168
Advanced Java Programming

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Please note that some classes are offered only in certain semesters, have prerequisites, or minimum passing grades. Winter and/or Summer Session classes may be available for some classes. Your [academic advisor](#) will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.