

Roslyn High School

Introduction to Java Programming Language

General Description:

Students study basic object oriented programming methodology with a concentration on problem solving and algorithm development. The Java language will be used to introduce foundations of structured, procedural, and object-oriented programming. This is a half-year course that meets for forty minutes every day.

Major Topics Covered

Topics include I/O, data types, operators, operands, expressions, conditional statements, iteration, functions, parameter passing, and returning values. Students will also be introduced to classes, objects, object references, and arrays. Students will complete several programming assignments to develop their problem-solving skills and to gain experience in detecting and correcting software errors.

Grading Procedures:

Grading is based on a point system comprised of tests, quizzes, projects, participation and cooperation.

Course Requirements:

- Cooperation – You will be working with others – now and in the real world
- Stay up to date on in-class projects in BlueJ
- Tests may include information from handouts, notes, or videos