

**VIRGINIA TECH UNIVERSITY  
EQUIVALENT:**

**Score of 3 = 3 credits  
WORTH \$1,284.75**

**UNIVERSITY of VIRGINIA  
EQUIVALENT:**

**Score of 4 = 3 credits  
WORTH \$1,221**



## RHS Enrollment Guide

# AP COMPUTER SCIENCE A (JAVA)

AP CSA is a programming course that introduces students to programming in JAVA. The course emphasizes object oriented programming methodology, especially problem solving and algorithm development, plus an overview of data structures and abstraction.

## EXPECTATIONS & WORKLOAD

- Program everyday around 30 min to 1 hour
- You will be given a programming activity every day, and you will be given around 1 to 4 days to complete it.
- You must have a computer at home as well as stable internet connection. (If you do not please let school know)
- Get advance help if you are absent or in need of extra help.
- Programs that you write must be completed by you.
- Grades will be depended upon 1. Programming activities 2. Projects 3. Quizzes

## THE EXAM

The AP Computer Science Principles assessment consists of two parts: performance tasks and the end-of-course AP Exam. Both measure student achievement of the course learning objectives.

Explore Performance Task: 8 hours  
Create Performance Task: 16 hours  
End-of-course exam: 2 hours

## SELF CHECKLIST

- Are you creative and enjoy solving problems?
- Can you persevere through difficult projects?
- Are you motivated or curious by technology?
- Can you deal with programming 5 days a week?

## SKILLS TAUGHT

- Program Design and Algorithmic development
- Understanding code logic
- How to write and implement code
- How to analyze and debug code
- How to properly document and read programs
- Understand ethical and social implications of computer use.

## SIGNS OF READINESS

- Some background in programming (like AP CSP) is strongly encouraged, but not required.
- Completion of Algebra 1
- Strong background in Math and/or other STEM course.

**QUESTIONS? SEE MR. BAKER OR YOUR COUNSELOR**

Or visit <https://apcentral.collegeboard.org/courses/ap-computer-science-a/course>