



CodeRVA Regional High School School Profile

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The Mission

The mission of CodeRVA Regional High School is to prepare a diverse population of students for college and careers in computer science through personalized, integrated, and applied learning.

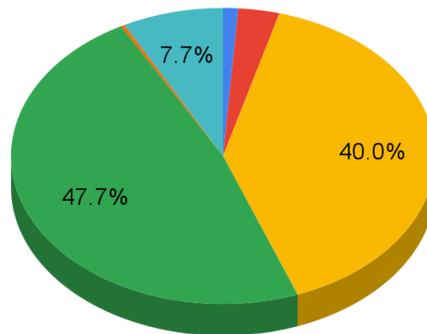
The School

CodeRVA is a public magnet high school serving students from fifteen school divisions in the greater Richmond region. Focused on computer science, the school offers the opportunity to complete high school requirements through a combination of blended (online and face-to-face) learning, integrated coursework, and personalized learning. Students graduate with a Virginia high school diploma and the option to earn Dual Enrollment credit or even an Associate Degree from the Virginia Community College System.

The school operates as an extended year school with two traditional semesters and an additional summer session intended for acceleration and remediation. Self-management capacities are embedded throughout the school's culminating Internship experiences in 11th and 12th grades, which focuses on helping students to cultivate workplace readiness skills.

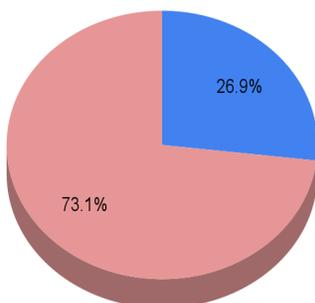
Diversity and Demographics

Race



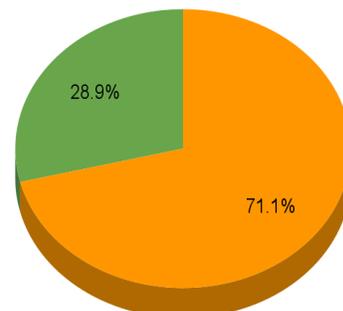
● Nat. American or Alaskan Nat. ● Asian ● Black or Af. American ● White or Caucasian
● Hawaiian or Pac. Islander ● Other, Multi-Racial, Unreported, Etc.

Gender



● Female ● Male

Special Education



● General Education ● Special Education

Graduation Requirements

<i>Standard Diploma Credits</i>		<i>Advanced Diploma Credits</i>	
English	4	English	4
Mathematics	3	Mathematics	4
Science	3	Science	4
Social Studies	3	Social Studies	4
Health and PE	2	Health and PE	2
Fine Arts, CTE, or World Language	2	Fine Arts or CTE	1
Economics Personal Finance	1	Economics Personal Finance	1
Electives	4	World Language	3
		Electives	3
	=22		=26

Academic Pathways

Students designate their academic pathway option during their first year of high school. The academic pathway options are the Associate Degree Pathway, Dual Enrollment Pathway and Web Design Pathway.

Associate Degree Pathway

Students on the Associate Degree pathway earn an Associate Degree in Science with a Specialization in Computer Science with 60 college credits through Dual Enrollment courses.

Dual Enrollment Pathway

Students on the Applied Pathway have the opportunity to earn up to 27 college credits through Dual Enrollment courses.

Web Design Pathway

Students on the Web Design Pathway have the opportunity to earn a Career Studies Certificate in Web Design with 24 college credits through Dual Enrollment courses.

Highest-Level Courses

The number of high school credits attached to each course and additional detailed course information are indicated in parenthesis. "DE" indicates Dual Enrollment, or courses bearing college credit. An asterisk (*) on a transcript indicates a fully-online course.

Computer Science

AP Computer Science A (1)
 DE Introduction to Problem Solving and Programming (.5)
 DE Object-Oriented Programming (.5)
 DE Data Structures Analysis Algorithms (.5)
 DE Computer Organization (.5)
 DE Computer Discrete Structures (.5)
 DE Design for the Web I (.5)
 DE Design for the Web II (.5)
 DE Interactive Design I (.5)
 DE Interactive Design II (.5)
 DE Introduction to Computer Graphics (.5)

Science

Biology (1)
 Chemistry (1)
 Anatomy (1)
 Physics (1)
 DE Biology I (.5)
 DE Biology II (.5)

Math

DE Precalculus w/ Trigonometry (.5)
 DE Calculus I (.5)
 DE Calculus II (.5)
 DE Statistics (.5)

Humanities

Global Studies I (English 9/World Geography) (2)
 Global Studies II (English 10/World History II) (2)
 DE College Composition I and II (.5 each)
 DE Survey of American Literature I (1)
 DE US History I (.5)
 DE US Government (1)
 DE Film Appreciation or Music in Society (.5)

Grading Scale

Reported Grade	Grade Description	Numerical Grade	Grade Points Earned (Standard Courses)	Grade Points Earned (DE and AP Courses)
EM	Exceeding Mastery	90-100	4.0	5.0
FM	Full Mastery	80-89	3.0	4.0
PM	Partial Mastery	70-79	2.0	3.0
MM	Minimal Mastery	60-69	1.0	2.0
BE	Below Expectations	0-59	0.0	0.0