CARY ACADEMY
School Profile 2020-2021

Mission

We are a learning community dedicated to discovery, innovation, collaboration, and excellence. We are committed to creating personalized learning opportunities that are flexible and relevant in an environment that supports student wellbeing. We aim to cultivate self-directed and bold lifelong learners who make meaningful contributions to the world.

Experiential and Flexible Learning Opportunities

World Language Exchange Program: Our World Language Department coordinates an exchange program for all sophomores. The program is based upon reciprocal partnerships with schools in Argentina, China, France, and Germany. Students spend 15-20 days abroad – living with a host family, experiencing school and daily life. In return, our families receive students from partner schools for a similar program. In 2020 and 2021, the exchanges were regrettably cancelled due to COVID-19.

Discovery Term: Our students participate in two-week Discovery Terms at the end of the freshman and junior years. They investigate areas outside the regular curriculum, either in short-term courses or, for juniors, through a Work Experience program.

Leadership in Crisis Program: In response to these extraordinary times, we are offering a cross-curricular program through the Center for Community Engagement (CCE) titled Leadership in Crisis. The program includes two half-credit courses in _Leadership in Practice_ and _Arts & Crisis Leadership_, as well as two full-credit interdisciplinary courses that examine both the current crises and precedents through the lenses of U.S. History and Literature.

Summer School: We offer summer school courses in U.S. History and Creative Writing. The U.S. History course incorporates on- and off-campus instruction, including exploration of notable historic sites around our state as well as travel to Williamsburg, VA and Washington, D.C. The Creative Writing course takes the form of a writing studio while exploring various genres, elements, and techniques. Both courses fulfill graduation requirements.

Away Programs & Online Courses: Our students engage in programs such as High Mountain Institute and the School for Ethics & Global Leadership, and pursue online coursework through approved vendors such as Virtual High School and Global Online Academy.

Calendar and Schedule

In keeping with our strategic plan to create time, space, and flexibility in support of individualized learning opportunities, we moved from a trimester to a semester calendar in August 2020. In addition, we changed our daily schedule: classes meet twice a week for 80 minutes each. We designated Wednesday as "Flex Day" most weeks, to allow community members time to expand and support experiential and service learning, social and emotional health, and community building.

School Discipline Reporting Policy
The school reports suspensions and provides a written explanation; we expect students to do the same.

COVID Statement
In March 2020, our students and faculty returned from Spring Break and transitioned directly to virtual distance learning for the entirety of Trimester 3. Students had complete term grades for all three trimesters; graduation requirements remained unchanged. This school year began in full virtual mode in mid-August 2020 and transitioned to a hybrid model at the end of September, with most students attending class half-time in-person and half-time. Some students opted to attend fully remote. For further information on the school's COVID-related protocols, please refer to the united.cary.academy.

Graduation Requirements

Students must take a minimum of 5 full credits each year and a minimum of 21 total credits, to include 4 credits in English; 3 credits each in Mathematics (with a minimum of Algebra II), History, Science (biology, chemistry and physics), and World Language. In addition, students must take 2 credits in Fine Arts, as well as Health I and II.

No Rank/No GPA Policy

Because our graduating classes are small our programs highly rigorous, and our range of grades narrow, **it is our policy to neither rank our students nor compute GPA**. Instead, we provide a junior year grade distribution.

Grade Distribution

Grades for the 2019-2020 year for our courses in which more than one member of the Class of 2021 was enrolled.

English	A+	A	A-	B+	B	B-	C+	C	C-/D/F
English Electives (T1 & T2, 11s &12s)	5	57	75	53	26	15	6	5	7
English Electives (ADV), (T1 & T2, 11s & 12s)	31	71	71	30	2	2	1	0	0
Rhetoric and Citizenship (T3, 11 only)	61	31	6	6	0	2	0	0	1
Math	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-/D/F**
Algebra II	9	17	9	4	1	1	1	1	0
Functions & Modeling	2	3	1	1	0	0	1	1	0
Precalculus	6	8	9	6	7	0	0	4	1
Precalculus (H)	10	21	11	2	2	1	0	0	0
Calculus (ADV)	22	23	14	3	11	3	0	0	0
Calculus I & II (ADV)	5	11	3	1	0	0	0	0	0
Calculus III & Differential Equations (ADV)	7	9	2	0	0	0	0	0	0
History	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-/D/F**
United States History	5	7	3	0	3	1	1	0	0
United States History Summer	0	9	3	0	3	0	0	0	0
United States History (ADV)	16	29	12	4	1	1	1	0	0
United States Government & Politics (ADV)	0	13	14	2	0	1	0	1	0
Principles of Economics (ADV)	21	25	7	3	3	0	0	0	0
Environmental Policy (ADV)	0	12	4	0	2	0	0	0	0
Modes of Inquiry (ADV)	0	20	6	5	3	1	1	0	1
Science	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-/D/F**
Biology (ADV)	2	6	5	1	1	0	0	1	0
Chemistry (ADV)	7	13	5	5	3	1	0	1	0
Chemistry: Interactive Framework of Matter	7	29	17	11	6	5	0	1	2
Chemistry: Particle Exploration of Matter	1	22	13	9	7	5	1	1	0
Environmental Science (ADV)	2	29	11	1	2	0	0	0	0
Biotechnology (ADV)	1	8	1	1	1	1	0	0	0
Physics: Waves, Electricity, Light	11	24	15	7	5	3	2	2	0
Physics: Mechanics (ADV)	3	9	14	5	4	1	0	2	0
Computer Science	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-/D/F**
Computer Science (ADV)	3	8	2	1	1	0	0	0	0
Topics in Computer Science (ADV)	4	5	0	0	1	0	0	0	0
Computer and Network Essentials	2	0	0	0	0	0	0	0	0
Intermediate Programming	7	2	0	1	0	0	0	0	0
Introduction to Computer Programming	16	19	0	3	0	0	0	0	0
Languages	**A+**	**A**	**A-**	**B+**	**B**	**B-**	**C+**	**C**	**C-/D/F**
Chinese (all levels)	12	18	5	3	3	1	3	0	0
French (all levels)	1	34	26	10	5	0	0	0	0
German (all levels)	8	41	11	3	0	2	0	2	0
Spanish (all levels)	19	112	55	16	12	4	0	1	0

Advanced (ADV) Course Information

We offer ADVANCED (ADV) courses in lieu of Advanced Placement (AP) courses. These courses, our highest level, are taught with the rigor and expectations of AP courses but allow teachers to emphasize areas of study not prescribed in the AP syllabus. Typically, ADV courses are open only to juniors and seniors.

In 2020-2021, the school offers 35 Advanced (ADV) courses. Juniors are limited to a maximum of FOUR (4) credits of ADV courses. Seniors may take a maximum of FOUR (4) credits of ADV courses if carrying a load of six academic courses; they may take a maximum of FIVE (5) credits of ADV courses if carrying a load of five.

Curriculum notes are as follows:

ENGLISH: All semester electives for juniors and seniors are offered at both the regular and ADV level. During the 2019-2020 school year, English was not offered at the ADV level in Trimester 3.
MATH: ADV Calculus I & II is by invitation only.
SCIENCE: ADV Biology, ADV Chemistry and ADV Physics-Mechanics meet additional periods each week with no additional credit awarded.
WORLD LANGUAGE: All semester electives are offered only at the ADV level. During the 2019-2020 school year, all trimester electives were offered only at the ADV level. ADV Studies-Spanish Literature is a year-long course.

Full course listings and descriptions are available at ***https://apps.caryacademy.org/coursecatalog/courses.aspx***

Advanced Placement Exam Results
In May 2020, 216 students took 608 AP Exams; 88% of the scores were a 3, 4, or 5.

Examination Area	Total Exams	5	4	3
Biology	15	5	2	7
Calculus AB	74	22	16	19
Calculus BC	32	16	9	6
Chemistry	35	6	11	13
Chinese Language and Culture	8	3	1	4
Computer Science A	13	4	5	2
English Language/Composition	52	21	15	8
English Literature/Composition	25	8	6	8
Environmental Science	13	1	3	3
French Language and Culture	15	4	7	1
German Language and Culture	7	4	2	1
Human Geography	1	0	1	0
Macroeconomics	50	12	23	10
Microeconomics	53	23	19	7
Music Theory	1	1	0	0
Physics 1	1	0	1	0
Physics C-Electricity and Magnetism	8	5	3	0
Physics C-Mechanics	31	17	10	2
Psychology	2	2	0	0
Spanish Language and Culture	21	8	8	3
Spanish Literature and Culture	7	3	1	1
Statistics	56	13	22	14
Studio Art-2D Design	4	0	3	1
Studio Art-3D Design	5	1	1	3
US Government and Politics	25	14	7	3
US History	54	21	14	14
TOTAL	**608**	**214**	**190**	**130**

Class of 2020 Testing Profile

ACT Composite Middle 50% Range	SAT Middle 50% Range	National Merit Recognition
27-32	ERBW: 630-720	18 Finalists; 17 Commended
	Math: 630-770	

College Acceptances and Matriculation

**Members of the Classes of 2018, 2019 and 2020 were accepted at the following institutions.
Schools in bold indicate matriculation with the number of students attending in parentheses.**

Agnes Scott College (1)
American University (1)
Appalachian State University (4)
Bates College
Belmont University (1)
Berklee College of Music
Boston College (2)
Boston University (2)
Brandeis University
Brown University (5)
Bucknell University
Butler University (1)
California College of the Arts
Californina Institute of Technology (1)
Campbell University
Capital University
Carleton College
Carnegie Mellon University (1)
Case Western Reserve University (2)
Claremont McKenna College
Clemson University (2)
Colgate University
College of Charleston (1)
College of William and Mary (1)
Colorado College (1)
Columbia University (2)
Cornell University (3)
Dartmouth College (1)
Davidson College (9)
Denison University (1)
DePaul University
DePauw University
Dickinson College (1)
Drexel University (1)
Duke University (16)
East Carolina University
Eckerd College
Elon University (5)
Emerson College
Emory University (3)
Florida Southern College
Florida State University
Fordham University
Franklin University, Switzerland
Furman University
George Mason University
George Washington University (4)
Georgetown University (1)
Georgia Institute of Technology (4)
Gettysburg College
Goucher College (1)

Grand Canyon University
Guilford College
Hamilton College
Hampshire College
Hampton University
Harvard University (1)
High Point University (2)
Hofstra University
Hollins University
Howard University
Indiana Univ. Bloomington (1)
Jacksonville University
James Madison University (1)
Jefferson University
Johns Hopkins University (2)
Juniata College (1)
Kenyon College
Kettering University
King's College, London
Lenoir-Rhyne University
Loyola University of Chicago
Loyola University of Maryland (1)
Macalester College
Marist College
Maryland Inst. College of Art (1)
Marymount Manhattan College
MIT (3)
McGill University, Canada
Mercer University
Meredith College
Michigan State University
Middlebury College (1)
The New School (3)
New York University (3)
North Carolina A & T State University
North Carolina State Univ. (37)
Northeastern University (1)
Northwestern University (1)
Oberlin College (1)
Ohio State University
Pennsylvania State University
Purdue University (1)
Queens University of Charlotte
Quinnipiac University
Regis University
Rensselaer Polytechnic Institute
Rhode Island School of Design
Rhodes College
Rice University (6)
Ringling College of Art and Design

Roanoke College (1)
Rochester Inst. of Tech. (1)
Rollins College
Rose-Hulman Inst. of Tech. (1)
Rutgers University, New Brunswick
St. John's College, Annapolis
St. John's College, Santa Fe (1)
St. John's University, New York
Salem College (1)
Santa Clara University (1)
Sarah Lawrence College
Savannah Coll. of Art & Design (3)
School of the Art Inst. of Chicago (1)
School of Visual Arts (1)
Scripps College (2)
Sewanee: The University of the South
Smith College
Southern Methodist University (2)
Spelman College
Stanford University (1)
Stevens Institute of Technology
Swarthmore College
Sweet Briar College (1)
Syracuse University (1)
Temple University
Temple University, Japan
Texas A&M University
Texas Christian University
Tufts University (5)
Tulane University of Louisiana
US Military Academy
US Naval Academy (1)
Univ. of Alabama
University of Arizona
Univ. of British Columbia (1)
UC, Los Angeles (1)
UC, San Diego
UC, Santa Barbara (1)
UC, Santa Cruz
Univ. of Chicago (5)
Univ. of Cincinnati
Univ. Colorado, Boulder (2)
Univ. of Connecticut (1)
Univ. of Dayton
Univ. of Denver (1)
Univ. of Florida (1)
Univ. of Georgia (1)
Univ. of Illinois at Urbana-Champaign
Univ. of Iowa
Univ. of Kentucky (1)

Univ. of Lynchburg
Univ. of Mary Washington
Univ. of Maryland, Baltimore Cty
Univ. of Maryland, College Park
Univ. of Miami
Univ. of Michigan (1)
Univ. of Minnesota, Twin Cities
Univ. of Mississippi
Univ. of Nebraska, Lincoln
UNC-Asheville
UNC-Chapel Hill (98)
UNC-Charlotte (4)
UNC-Greensboro
UNC-Wilmington
Univ. of North Texas
Univ. of Notre Dame (2)
Univ. of Oregon
Univ. of Pennsylvania (3)
Univ. of Pittsburgh
Univ. of Richmond (2)
Univ. of Rochester
Univ. of St. Andrews, Scotland
Univ. of San Francisco
Univ. of South Carolina (3)
Univ. of Southern California (2)
Univ. of Tampa
Univ. of Tennessee, Knoxville
Univ. of Texas, Austin
Univ. of Texas, Dallas
Univ. of the Arts
Univ. of Toronto, Canada
Univ. of Utah (2)
Univ. of Vermont
Univ. of Virginia (2)
Univ. of Washington, Seattle (1)
Univ. of Wisconsin, Madison
Ursinus College
Vassar College
Villanova University
Virginia Commonwealth University
Virginia Tech (1)
Wabash College
Wake Forest University (11)
Washington and Lee University
Washington Univ. in St. Louis (7)
Wellesley College (2)
Wesleyan University (1)
Winston-Salem State University
Worcester Polytechnic Inst. (1)
Yale University (3)