



# Carnegie Vanguard High School

for the Gifted and Talented

1501 Taft Street, Houston, TX 77019  
Phone: 713-732-3690  
Fax: 713-732-3694  
www.carnegievanguard.com

**Principal:** Ramon Moss  
rmoss@houstonisd.org

**Counselors:** Veronica Chapman  
vchapman@houstonisd.org  
Marcello Frau  
mfrau@houstonisd.org

**Registrar:** Ellen Maxey  
ellen.maxey@houstonisd.org

A Top High School in the US

CEEB Code: 443541

## CARNEGIE VANGUARD AND MISSION

Carnegie Vanguard High School was established in the fall of 2002 as the successor to the highly successful school-within-a-school Vanguard program at Jesse H. Jones Senior High which was created in 1977. Today Carnegie is the only Vanguard high school in the Houston Independent School District (HISD) with 100% of the students identified as gifted and talented in academics. The mission of Carnegie Vanguard High School is to provide a unique and challenging learning environment to prepare the diverse gifted and talented students of HISD for leadership in a global society.

## STUDENT BODY

Carnegie Vanguard's students seek academic excellence in a community that values diversity, acceptance, and close relationships with faculty. Our 931 current students come from every area of the Houston Independent School District. Carnegie Vanguard's overall federal race and ethnicity demographic breakdown is as follows:

- Black or African American 12.5%
- Asian 29%
- White 21%
- Latino or Hispanic 33%
- Two or more Races 4%
- Other 0.5%

During the 2019-2020 school year, about 30% of students at Carnegie Vanguard will be eligible for free/reduced lunch programs.

## COLLEGE PLACEMENT CLASS 2020

- 100% acceptance at 4-year colleges or universities
- 95% matriculated at 4-year colleges or universities
- 5% matriculated at 2-year colleges (honors programs)
- 29% matriculated at out-of-state colleges

## NATIONAL RANKINGS

- **US News and World Report:** #44 in 2020, #2 in Houston
- **Niche!:** #28 in Best US College Prep Public High Schools in 2020 #1 in Houston

## GRADING SYSTEM AND STUDENT RANKING

Carnegie Vanguard only publishes ranks for those students who are in the top 10% of their class. A student's grade point average is computed on a 4.0 weighted scale. The theoretical maximum GPA is above 4.9 on a 4.0 weighted scale, reflecting the number of required unweighted regular courses as well as Pre-AP, AP, and honors courses, which carry an additional grade point.

The cumulative GPA includes all courses except high school courses taken in middle school.

The mean GPA score on a 4.0 weighted scale for class of 2020 is 4.1. Letter grades and grade points are assigned according to the following scale:

### Grade-Point Assignment

Letter Grade	Grading Scale	Pre-AP, AP, Honors Courses	Regular Courses
A	90 – 100	5	4
B	80 – 89	4	3
C	75 – 79	3	2
D	70 – 74	2	1
F	Below 70	0	0

## CURRICULUM

Carnegie Vanguard offers only Pre-Advanced Placement (Pre-AP) and Advanced Placement (AP) courses in English, Math, Science, and Social Studies as well as Honors elective courses in core subject areas. The curriculum for every course is above and beyond state and district standards. Each Carnegie Vanguard student generally takes at least 10 AP courses before graduation including the following: AP English Language and Composition, AP English Literature, AP Capstone (Seminar and Research), AP Physics 1, AP Human Geography, AP World History, AP US History, AP Economics, and AP US Government and Politics, and others. The highest level of math classes offered are Statistics 2 and Post-Calculus, which we titled Independent Study Math 1 and 2 respectively.

## GRADUATION REQUIREMENTS

A minimum of 26 credits are required for graduation under the Distinguished Level of Achievement plan. The required credits include:

- 4 years of English that include AP English Language and AP English Literature
- 4 years of Social Studies that include 5 AP courses
- 4 years of Science that include Biology, Chemistry, and Physics
- 4 years of Mathematics that include Algebra 1, Geometry, and Algebra 2
- 1 year of a Research-based course
- 2 years or more of one Foreign Language
- 1 year of Fine Arts
- 1.5 years of Physical and Health Education
- 4.5 years or more of Electives

### ADVANCED PLACEMENT DATA (2019 - 2020 academic year)

Students at Carnegie Vanguard take the following courses and tests:

- Freshmen take AP Human Geography
- Sophomores take AP World History
- Juniors take AP English Language and AP US History
- Seniors take AP English Literature, AP US Government, AP Macroeconomics, and any others they elect to take

The information in the following table is for the entire school, NOT just juniors and seniors.

Subject	Total Exams	% of 3, 4, 5
2D Art Design	10	80%
Art History	26	88%
Biology	36	100%
Calculus AB	47	57%
Calculus BC	37	100%
Chemistry	72	63%
Chinese Language	7	100%
Computer Science A	1	100%
Computer Science Principles	56	80%
Drawing	2	100%
English Language	161 (juniors)	82%
English Literature	124 (seniors)	65%
Environmental Science	11	91%
European History	14	93%
French Language	10	80%
Human Geography	250 (freshmen)	69%
Macroeconomics	108 (seniors)	55%
Physics 1	139	54%
Physics C: Mechanics	33	97%
Psychology	26	73%
Research	126 (juniors)	45%
Seminar	217 (sophomores)	80%
Spanish Language	58	97%
Spanish Literature	20	80%
Statistics	115	75%
US Government	119 (seniors)	65%
US History	164 (juniors)	68%
World History	270 (sophomores)	82%
<b>Total Exams</b>	<b>2,290</b>	<b>72%</b>

### NATIONAL MERIT SCHOLARS - CLASS 2020 (N = 130)

National Merit Scholars	Number of Students	Percent of Class
National Merit Semifinalists	15	11.5%
Commended Scholars	24	18.4%
Hispanic Scholars	16	12.3%

### SAT SCHOOL DAY APRIL 24, 2018 TEST RESULTS (N = 136 tests)

SAT Reasoning Test Scores	Middle 50%	Carnegie Mean	State of Texas Mean
Evidence-based Reading and Writing	600 – 690	668	483
Math	600 – 690	681	476
Total Score	1200 – 1390	1348	959

### ACT TEST RESULTS - CLASS 2018 (N = 131 tests)

ACT Summary	Middle 50%	Carnegie Mean	National Mean
English	25 – 34	29.1	20.2
Math	26 – 32	28.9	20.5
Reading	27 – 34	29.7	21.2
Science	25 – 32	27.9	20.7
Composite	26 – 32	29.0	20.8

### DISTRIBUTION OF CLASS 2018 ACT SCORES

92% of Carnegie's 142 students in Class 2017 took ACT test (N = 131)

ACT Score	# of Carnegie Students	Percent Rank at Carnegie
36	4	3.0%
35	6	4.5%
34	13	9.9%
33	9	6.8%
32	7	5.3%
31	13	9.9%
30	13	9.9%
29	9	6.8%
28	9	6.8%
27	9	6.8%
26	11	8.3%
25	10	7.6%

### ATHLETIC PROGRAMS

Because of our constrained urban location, budget limit, newness of the school, and small size, Carnegie is able to offer only limited athletic opportunities to our students. Current athletic offerings include UIL baseball, cross country, track and field, tennis, and girls volleyball. Lack of athletic resources puts a constraint on our students' athletic pursuits, and our students have to work much harder than their peers at other high schools to pursue their athletic passions.

## COLLEGE AND UNIVERSITY MATRICULATION 2017 – 2020

16% of Class 2020 matriculated at the most selective colleges with acceptance rate below 25%.

### Colleges in Texas

Austin College  
Baylor University  
Blinn College  
Houston Baptist University  
Houston Community College Honors  
Lamar University  
LeTourneau University  
Lone Star College  
Rice University  
St. Edward's University  
St. Mary's University

Sam Houston State University  
San Jacinto College  
Schreiner University  
Southwestern University  
Stephen F. Austin University  
Texas A&M University  
Texas A&M University, Corpus Christi  
Texas A&M University, Galveston  
Texas Southern University  
Texas State University  
Texas Tech University

Texas Women's University  
Trinity University  
University of Houston  
University of Houston-Downtown  
University of North Texas  
University of St. Thomas  
University of Texas in Austin  
University of Texas in Dallas  
University of Texas in San Antonio  
University of Texas in Tyler

### Out-of-State Colleges

American University  
Anglo-American University  
Arcadia University  
Arizona State University  
Bentley University  
Binghamton University  
Boston College  
Boston University  
Brandeis University  
Brown University  
Bryn Mawr College  
California Institute of Technology  
California Polytechnic State University,  
San Luis Obispo  
Carleton College  
Carnegie Mellon University  
Case Western Reserve University  
Centenary College of Louisiana  
Claremont McKenna College  
Clarkson University  
College of Charleston  
Colorado State University  
Columbia College Chicago  
Columbia University  
Cornell University  
Dartmouth College  
DePaul University  
Drexel University  
Duke University  
Embry-Riddle Aeronautical University,  
Daytona Beach  
Emory University  
Fordham University  
George Washington University  
Georgetown University  
Georgia Institute of Technology  
Green Mountain College  
Harvard College  
Harvey Mudd College  
Haverford College  
Hendrix College  
Hillsdale College  
Howard University  
Iowa State University  
Johns Hopkins University

Kalamazoo College  
Knox College  
Lake Forest College  
Lewis & Clark College  
Louisiana State University  
Loyola Marymount University  
Loyola University Chicago  
Loyola University New Orleans  
Marquette University  
Mary Baldwin University  
Massachusetts Institute of Technology  
Middlebury College  
Mount Holyoke College  
Muhlenberg College  
New College of Florida  
New Mexico State University  
New York University  
Northeastern University  
Oberlin College  
Oklahoma State University  
Portland State University  
Pratt Institute  
Prescott College  
Princeton University  
Purdue University  
Reed College  
Regis University  
Rensselaer Polytechnic Institute  
Rhodes College  
Roger Williams University  
Sarah Lawrence College  
Savannah College of Art and Design  
Simmons University  
Spelman College  
St. John's College  
St. John's University  
St. Olaf College  
Stanford University  
Syracuse University  
The George Washington University  
The University of Alabama  
The University of Alabama in Huntsville  
The University of Edinburgh  
The University of Oklahoma  
Tufts University  
Tulane University

University College London  
University of Alberta  
University of British Columbia  
University of California, Berkeley  
University of California, Irvine  
University of California, Los Angeles  
University of California, San Diego  
University of Canterbury  
University of Chicago  
University of Colorado at Boulder  
University of Denver  
University of Evansville  
University of Florida  
University of Illinois at Urbana-Champaign  
University of Kansas  
University of Maryland, College Park  
University of Michigan  
University of Notre Dame  
University of Pennsylvania  
University of Portland  
University of Puget Sound  
University of Southern California  
University of St Thomas  
University of the Highlands and Islands,  
Inverness College  
University of Toronto  
University of Tulsa  
University of Victoria  
University of Virginia  
University of Wisconsin, Madison  
Vanderbilt University  
Vassar College  
Villanova University  
Virginia Military Institute  
Virginia Tech  
Vrije Universiteit Amsterdam  
Washington and Lee University  
Wellesley College  
Wheaton College, Massachusetts  
Whitman College  
Williams College  
Worcester Polytechnic Institute  
Yale University