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 839 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: 10.5%
- Asian: 31.5%
- White: 19.0%
- Hispanic or Latino: 34.0%
- Two or more Race Categories: 4.5%
- Other: < 1.0%

During the 2023-2024 school year, about 38% of students at Carnegie Vanguard will be eligible for free/reduced lunch programs.

COLLEGE PLACEMENT CLASS 2022
- 100% acceptance at 4-year colleges or universities
- 95% matriculated at 4-year colleges or universities
- 5% matriculated at 2-year colleges (honors programs)
- 30% matriculated at out-of-state colleges
- 1% matriculated abroad

NATIONAL RANKINGS
- US News and World Report: #35 in National; #5 in Texas High Schools; #1 in Houston ISD
- Niche: #4 in Best College Prep Public High Schools in Texas; #1 in Best College Prep Public High Schools in Houston Area

CURRICULUM
Carnegie Vanguard offers only HISD Advanced (HADV), 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. Required credits include:
- 4 credits of English that include AP English Language and AP English Literature
- 4 credits of social studies that include 5 AP courses
- 4 credits of science that include Biology, Chemistry, and Physics
- 4 credits of mathematics that include Algebra 1, Geometry, and Algebra 2
- 1 credit of a research-based course
- 2 credits or more of one foreign language
- 1 credit of fine arts
- 1.5 credits of physical and health education
- 4.5 credits or more of electives
ADVANCED PLACEMENT DATA (2022 - 2023 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 Macro Economics, and any others they elect to take.

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Total Exams</th>
<th>Average Score</th>
<th>% of 3, 4, 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-D Art and Design</td>
<td>12</td>
<td>3.4</td>
<td>100%</td>
</tr>
<tr>
<td>Art History</td>
<td>18</td>
<td>3.9</td>
<td>94%</td>
</tr>
<tr>
<td>Biology</td>
<td>101</td>
<td>3.4</td>
<td>77%</td>
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<tr>
<td>Calculus AB</td>
<td>89</td>
<td>3.8</td>
<td>76%</td>
</tr>
<tr>
<td>Calculus AB Subs</td>
<td>29</td>
<td>4.9</td>
<td>100%</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>29</td>
<td>4.8</td>
<td>100%</td>
</tr>
<tr>
<td>Chemistry</td>
<td>68</td>
<td>3.8</td>
<td>87%</td>
</tr>
<tr>
<td>Chinese Language</td>
<td>11</td>
<td>4.1</td>
<td>100%</td>
</tr>
<tr>
<td>Comparative Government</td>
<td>1</td>
<td>3.0</td>
<td>100%</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>28</td>
<td>4.2</td>
<td>89%</td>
</tr>
<tr>
<td>Computer Science Prin.</td>
<td>46</td>
<td>3.3</td>
<td>87%</td>
</tr>
<tr>
<td>Drawing</td>
<td>7</td>
<td>2.6</td>
<td>57%</td>
</tr>
<tr>
<td>English Language (juniors)</td>
<td>197</td>
<td>3.4</td>
<td>77%</td>
</tr>
<tr>
<td>English Literature (seniors)</td>
<td>199</td>
<td>3.5</td>
<td>88%</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>30</td>
<td>3.3</td>
<td>73%</td>
</tr>
<tr>
<td>European History</td>
<td>21</td>
<td>3.8</td>
<td>86%</td>
</tr>
<tr>
<td>French Language</td>
<td>10</td>
<td>2.6</td>
<td>50%</td>
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<tr>
<td>German Language</td>
<td>1</td>
<td>5</td>
<td>100%</td>
</tr>
<tr>
<td>Human Geography (freshmen)</td>
<td>212</td>
<td>3.5</td>
<td>74%</td>
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<tr>
<td>Japanese Language</td>
<td>2</td>
<td>5</td>
<td>100%</td>
</tr>
<tr>
<td>Macroeconomics (seniors)</td>
<td>200</td>
<td>2.5</td>
<td>39%</td>
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<tr>
<td>Music Theory</td>
<td>2</td>
<td>3.5</td>
<td>100%</td>
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<tr>
<td>Physics 1 (juniors)</td>
<td>157</td>
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<tr>
<td>Physics C: Electricity and Magnetism</td>
<td>39</td>
<td>3.1</td>
<td>56%</td>
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<tr>
<td>Physics C: Mechanics</td>
<td>41</td>
<td>3.8</td>
<td>85%</td>
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<tr>
<td>Psychology</td>
<td>72</td>
<td>2.7</td>
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<tr>
<td>Research (juniors)</td>
<td>133</td>
<td>3.4</td>
<td>86%</td>
</tr>
<tr>
<td>Seminar (sophomores)</td>
<td>188</td>
<td>3.2</td>
<td>88%</td>
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<tr>
<td>Spanish Language</td>
<td>34</td>
<td>4.3</td>
<td>97%</td>
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<tr>
<td>Spanish Literature</td>
<td>17</td>
<td>3.9</td>
<td>94%</td>
</tr>
<tr>
<td>Statistics</td>
<td>193</td>
<td>3.1</td>
<td>66%</td>
</tr>
<tr>
<td>United States Government and Politics (seniors)</td>
<td>211</td>
<td>2.6</td>
<td>44%</td>
</tr>
<tr>
<td>United States History (juniors)</td>
<td>196</td>
<td>3.1</td>
<td>65%</td>
</tr>
<tr>
<td>World History (sophomores)</td>
<td>206</td>
<td>3.8</td>
<td>84%</td>
</tr>
<tr>
<td>Total Exams</td>
<td>2,772</td>
<td>3.3</td>
<td>72%</td>
</tr>
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</table>

NATIONAL MERIT SCHOLARS
CLASS OF 2023 (N = 215)

<table>
<thead>
<tr>
<th>National Recognition</th>
<th>Number of Students</th>
<th>Percent of Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Merit Semifinalists</td>
<td>12</td>
<td>5.6%</td>
</tr>
<tr>
<td>Commended Scholars</td>
<td>25</td>
<td>11.6%</td>
</tr>
</tbody>
</table>

SAT SCHOOL DAY 2023 TEST RESULTS (N = 190 tests)

<table>
<thead>
<tr>
<th>SAT Reasoning Test Scores</th>
<th>Mean Total Score 400-1600</th>
<th>Mean EBRW Score 200-800</th>
<th>Mean Math Score 200-800</th>
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</thead>
<tbody>
<tr>
<td>Carnegie Vanguard HS</td>
<td>1304</td>
<td>653</td>
<td>652</td>
</tr>
<tr>
<td>District</td>
<td>918</td>
<td>471</td>
<td>447</td>
</tr>
<tr>
<td>State of Texas</td>
<td>957</td>
<td>487</td>
<td>470</td>
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</tbody>
</table>

ACT TEST RESULTS 2022-2023 (N = 68 tests)

<table>
<thead>
<tr>
<th>ACT Summary</th>
<th>Mean Score</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>28.9</td>
</tr>
<tr>
<td>Math</td>
<td>27.5</td>
</tr>
<tr>
<td>Reading</td>
<td>30.1</td>
</tr>
<tr>
<td>Science</td>
<td>27.4</td>
</tr>
<tr>
<td>Composite</td>
<td>28.6</td>
</tr>
</tbody>
</table>

DISTRIBUTION OF ACT SCORES 2022-2023 (N = 68 tests)

<table>
<thead>
<tr>
<th>ACT Score</th>
<th># of Carnegie Students</th>
<th>Percent Rank at Carnegie</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>35</td>
<td>6</td>
<td>8.8%</td>
</tr>
<tr>
<td>34</td>
<td>6</td>
<td>8.8%</td>
</tr>
<tr>
<td>33</td>
<td>5</td>
<td>7.4%</td>
</tr>
<tr>
<td>32</td>
<td>7</td>
<td>10.3%</td>
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<tr>
<td>31</td>
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<td>7.4%</td>
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<tr>
<td>30</td>
<td>5</td>
<td>7.4%</td>
</tr>
<tr>
<td>29</td>
<td>3</td>
<td>4.4%</td>
</tr>
<tr>
<td>28</td>
<td>3</td>
<td>4.4%</td>
</tr>
<tr>
<td>27</td>
<td>6</td>
<td>8.8%</td>
</tr>
<tr>
<td>26</td>
<td>3</td>
<td>4.4%</td>
</tr>
<tr>
<td>25</td>
<td>3</td>
<td>4.4%</td>
</tr>
</tbody>
</table>

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, girls volleyball, and soccer. 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.
### Colleges in Texas

- Austin College
- Baylor University
- Blinn College
- Houston Christian University
- Houston Community College Honors
- Lamar University
- LeTourneau University
- Lone Star College
- Prairie View A&M University
- Rice University
- St. Edward’s University
- St. Mary’s University
- Sam Houston State University
- San Jacinto Community College
- Schreiner University
- Southern Methodist University
- Southwestern University
- Stephen F. Austin University
- Texas A&M University, College Station
- Texas A&M University, Corpus Christi
- Texas A&M University, Galveston
- Texas Southern University
- Texas State University
- Texas Tech University
- Texas Woman’s University
- The University of Texas at Arlington
- The University of Texas at Austin
- The University of Texas at Dallas
- The University of Texas at San Antonio
- The University of Texas at Tyler
- Trinity University
- University of Houston
- University of Houston, Downtown
- University of North Texas
- University of St. Thomas

### Out-of-State Colleges

- Amherst College
- American University
- Anglo-American University
- Arcadia University
- Arizona State University
- Auburn 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
- Colby College
- College of Charleston
- College of William and Mary
- Colorado School of Mines
- Colorado State University
- Columbia College Chicago
- Columbia University
- Cornell University
- Creighton University
- CUNY Borough of Manhattan Community College
- Dartmouth College
- DePaul University
- Drake University
- Drexel University
- Duke University
- Eckerd College
- Elon University
- Embry-Riddle Aeronautical University, Daytona Beach
- Emerson College
- Emory University
- Fisk University
- Florida Agricultural and Mechanical University
- Fordham University
- George Mason University
- George Washington University
- Georgetown University
- Georgia Institute of Technology
- Green Mountain College
- Grinnell College
- Hampton University
- Harvard College
- Harvey Mudd College
- Haverford College
- Hendrix College
- Hillsdale College
- Howard University
- Indiana 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
- Marist College
- Marquette University
- Mary Baldwin University
- Massachusetts Institute of Technology
- McGill University
- Middlebury College
- Mount Holyoke College
- Muhlenberg College
- New College of Florida
- New Mexico State University
- New York University
- Northeastern University
- Northwestern University
- Nova Southeastern University
- Oberlin College
- Ohio State University
- Oklahoma State University
- Pennsylvania State University
- Portland State University
- Pratt Institute
- Prescott College
- Princeton University
- Purdue University
- Reed College
- Regis University
- Rensselaer Polytechnic Institute
- Rhodes College
- Rochester Institute of Technology
- Roger Williams University
- Santa Clara University
- Sarah Lawrence College
- Savannah College of Art and Design
- Skidmore College
- Simmons University
- Smith College
- Spelman College
- St. John’s College
- St. John’s University
- St. Olaf College
- Stanford University
- Stony Brook University
- SUNY at Purchase College
- Syracuse University
- The George Washington University
- The New School
- The University of Alabama
- The University of Alabama in Huntsville
- The University of Edinburgh
- The University of Oklahoma
- Trinity College
- Tufts University
- Tulane University
- United States Air Force Academy
- 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, Santa Barbara
- University of California, San Diego
- University of California, Oakland
- 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 Massachusetts, Amherst
- University of Michigan, Ann Arbor
- University of North Carolina School of the Arts
- University of Notre Dame
- University of Oklahoma
- University of Pennsylvania
- University of Pittsburgh
- University of Portland
- University of Puget Sound
- University of Richmond
- University of Rochester
- University of San Francisco
- 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 Washington, Seattle
- University of Wisconsin, Madison
- Vanderbilt University
- Vassar College
- Villanova University
- Virginia Military Institute
- Virginia Tech
- Vrije Universiteit Amsterdam
- Washington and Lee University
- Washington University in St. Louis
- Wellesley College
- Wesleyan University
- Wheaton College, Massachusetts
- Whitman College
- William & Mary
- Williams College
- Worcester Polytechnic Institute
- Xavier University of Louisiana
- Yale University