

# DREHER HIGH SCHOOL PROFILE 2021-2022

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## ACCREDITATION/RECOGNITIONS

Accredited by Cognia/AdvancED (Southern Association of Colleges and Schools) and the South Carolina Department of Education

Dreher High School boasts a proud tradition of excellence. Dreher was named to US News and World Report's 2021 list of "America's Best High Schools" and the 2019 list of "America's Most Challenging High Schools." Dreher became an AP Capstone school beginning with the 2016-17 school year.

## CURRICULUM

The academic program is organized on an A/B alternating block schedule. Students attend four 95-minute block classes daily. Each class meets every other day on an alternating schedule. There are two semesters and four quarters. Full-credit classes are year-long; half-credit classes meet for a semester. A full course load consists of eight credits per year.

A multi-level instructional plan is offered, giving each student the opportunity to pursue individual goals. Courses are designated as College Preparatory (CP), Honors (H), Dual Enrollment, or Advanced Placement (AP). Students qualify for advanced courses (H, Dual Enrollment, AP) based on test scores, grades, faculty recommendations, and a desire for rigorous study.

## WEIGHTED CREDIT COURSES

**Advanced Placement (AP)** course offerings are as follows:

<u>English</u>	<u>Science</u>
AP English Language	AP Biology
AP English Literature	AP Chemistry
	AP Environmental Science
<u>Math</u>	AP Physics 1
AP Calculus AB	AP Physics 2
AP Calculus BC	
AP Statistics	<u>Fine Arts</u>
	AP Music Theory
<u>Social Studies</u>	AP Drawing, 2D, 3D Art & Design
AP Human Geography	
AP European History	<u>Other/AP Capstone</u>
AP U.S. History	AP Computer Science A
AP U.S. Government	AP Seminar
AP Microeconomics	AP Research
AP Psychology	

**Honors (H) and Dual Enrollment** course offerings are as follows:

<u>English</u>	<u>Science</u>
English 1, 2, 3, 4 Honors	Biology 1 Honors
Dual Enrollment English 101 & 102	Chemistry 1 Honors
	Physics Honors
<u>Math</u>	Anatomy/Physiology Honors
Algebra 1 Honors	AP Biol/Chem Prep Lab
Geometry Honors	
Algebra 2 Honors	<u>Fine Arts</u>
Pre-Calculus Honors	Art, Orch, Dance, Chorus, Band,
Calculus Honors	Guitar, Marching Band 3, 4 Honors
<u>Social Studies</u>	<u>Project Lead the Way/Engineering</u>
Human Geography Honors	Intro to Engineering Design Honors
Modern World History Honors	Principles of Engineering Honors
U.S. History Honors	Digital Electronics Honors
American Government Honors	Civil Engineering/Architecture H
Economics & Personal Finance Honors	Aerospace Engineering Honors
	Computer Science Principles Honors
<u>Foreign Language</u>	<u>Dual Credit Course</u>
Spanish, French, German,	Teacher Cadet
Latin, & Chinese 3, 4, 5 Honors	

**COMMUNITY** - Our school is located in the capital city of Columbia, SC. In the 2020 census, the city's population was 136,600. The city's ethnic breakdown is 53.4% white, 39.8% black, 5.5% Latino, and 2.7% Asian. Columbia is home to state government, the University of South Carolina, and Fort Jackson military base.

**SCHOOL** - Dreher High School serves 1193 students in grades 9 through 12. Courses are offered at the College Prep, Honors, Dual Enrollment, Advanced Placement, and special education levels. The school's population is diverse with 59.7% of students identifying as nonwhite. Dreher is part of Richland County School District One.

**FACULTY** - 74 faculty members, 81.1% with advanced degrees

## GRADUATION REQUIREMENTS

To qualify for the state diploma in South Carolina, students must earn twenty-four units of credit designated as follows:

English	4 units	Computer Science	1 unit
Mathematics	4 units	Foreign Language or	
Science	3 units	Career/Tech	1 unit
U.S. History	1 unit	Electives	7 units
U.S. Government	0.5 unit	(must include 0.5	
Economics	0.5 unit	Personal Health	
Other Social Studies	1 unit	per district	
Physical Ed. or JROTC	1 unit	requirement)	
		Total	24 units

## EXPLANATION OF TRANSCRIPT/GPA CALCULATION

Public high schools in South Carolina utilize the SC Uniform Grading Policy. This policy mandates that all report cards and transcripts use numeric grades. The grading scale designates both numeric and quality point ranges for each letter grade and assigns weighted credit to Honors and AP courses. Each numeric grade carries a specific quality point equivalent as designated on the chart below:

South Carolina Uniform Grading Scale Conversions				
Numerical Average	Letter Grade	College Prep Weighting	Honors Weighting	AP/IB/Dual Credit Weighting
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100

### SAT AVERAGE SCORES

Year	Number	ERW	Math	Total
2021	141	557	529	1086
2020	182	552	537	1089
2019	187	568	556	1124
2018	154	569	548	1118

### ACT AVERAGE SCORES

Year	Number	English	Math	Reading	Science	Composite
2021	95	20.3	20.2	22.1	20.8	21.0
2020	188	18.9	19.6	19.9	19.3	19.5
2019	190	19.2	20.1	20.5	19.5	19.9
2018*	250	18.5	19.2	19.6	19.1	19.3

\* denotes years of statewide ACT testing for all students

### GPA DISTRIBUTION

	Class of 2019	Class of 2020	Class of 2021
Number in Class	256	259	241
First Quintile	4.634-5.535	4.680-5.399	4.584-5.565
Second Quintile	4.048-4.605	4.111-4.669	4.034-4.576
Third Quintile	3.559-4.046	3.575-4.105	3.423-4.019
Fourth Quintile	3.005-3.553	2.816-3.557	2.794-3.408
Fifth Quintile	1.327-2.979	1.707-2.813	1.319-2.792
Median GPA	3.820	3.798	3.688

### NATIONAL MERIT PROGRAM

	Class of 2020	Class of 2021	Class of 2022
Nat. Merit Semifinalists	10	3	3
Nat. Merit Finalists	9	3	TBD*
Nat. Merit Commended	3	1	2

\*will be announced February 2022

### AP SCORES

All students enrolled in AP courses at Dreher are required to take AP exams.

2020: 331 students took 736 exams; 74% of scores were 3 or greater

The following chart lists results by subject and the total for the year 2021:

AP Subject	5	4	3	2	1	Tot. Exams	% >=3
AP Biology	1	2	8	5	6	22	50.0%
AP Calculus AB	2	5	7	19	15	48	29.2%
AP Calculus BC	5	3	10	4	1	23	78.3%
AP Chemistry		3	6	12	6	27	33.3%
AP Computer Science A		1	1	2		4	50.0%
AP English Lang & Comp	4	19	20	13		56	76.8%
AP English Lit & Comp	4	4	18	17	2	45	57.8%
AP Environmental Science	4	8	4	5	2	23	69.6%
AP European History	6	15	12	16	5	54	61.1%
AP Human Geography	20	23	13	14	17	87	64.4%
AP Microeconomics	1	6	9	10	9	35	45.7%
AP Music Theory	1	1	2	4		8	50.0%
AP Physics 1	1	5	5	11	7	29	37.9%
AP Physics 2	1	1	1	3		6	50.0%
AP Psychology	3	12	6	6	19	46	45.7%
AP Research	6	12	20	10	1	49	77.6%
AP Seminar	12	16	23	1		52	98.1%
AP Statistics	3	3	4	2	3	15	66.7%
AP Studio Art 2D Design		2	1			3	100%
AP Studio Art Drawing	2	6		1		9	88.9%
AP U.S. Government	4	3	18	11	6	42	59.5%
AP U.S. History	12	6	10	3	1	32	87.5%
<b>TOTAL</b>	<b>92</b>	<b>157</b>	<b>198</b>	<b>169</b>	<b>100</b>	<b>716</b>	<b>62.4%</b>

### GRADUATE PROFILE

	Class of 2019	Class of 2020	Class of 2021
Number in Class	256	259	241
Percent Attending:			
Four-Year College	59%	56%	*TBD
Two-Year College	21%	24%	*TBD
Other Schooling	1%	2%	*TBD
Employment	5%	13%	*TBD
Military	9%	3%	*TBD
Number of AP Capstone Diplomas	23	30	23
Number of Palmetto Fellows	30	34	19
SC Academic Honors Winners	30	35	22
Four-Year Graduation Rate	86.8%	89.5%	88.1%

\*Follow-up for class of 2021 is finalized one year following graduation (May 2022)

### SAMPLE OF SELECTIVE COLLEGES ATTENDED BY DREHER GRADUATES 2017 - PRESENT

Boston University	Massachusetts Inst. of Tech. (MIT)
California Inst. of Technology	U.S. Naval Academy
Clemson University	New York University
Cooper Union	Northwestern University
Cornell University	Univ. of NC at Chapel Hill
Davidson College	University of Notre Dame
Duke University	University of Pennsylvania
Emory University	Univ. of South Carolina Columbia
Furman University	University of Virginia
George Washington University	Wake Forest University
Georgia Institute of Technology	Washington & Lee University

### AP CAPSTONE AT DREHER

In the 2016-17 school year, Dreher was selected by the College Board Advanced Placement Program to implement AP Capstone, a new nationally recognized diploma program for students who are eager to develop their academic research and inquiry skills and to engage in an in-depth exploration of academic content.

The AP Capstone program involves two new AP courses, AP Seminar and AP Research. Dreher offered the first course in the sequence, AP Seminar, for the first time in 2016-17. The AP Seminar course helps students to develop academic research and critical thinking skills by having students read articles, advanced research studies, and foundational philosophical texts. Students complete a team project and presentation, an individual research-based essay and presentation, and an end-of-course exam.

Dreher first offered the second course in the sequence, AP Research, during the 2017-18 school year. In AP Research, students conduct a yearlong research-based investigations on a topic of personal interest. The investigation results in an academic thesis paper (approximately 5,000 words) as well as a public presentation and defense.

Students who complete these two AP courses and any four additional AP courses successfully (passing all six AP exams) are eligible to earn an AP Capstone Diploma, a nationally recognized credential offered by the College Board.

In the class of 2021, 23 seniors earned the AP Capstone Diploma. An additional 15 juniors (currently in the upcoming class of 2022) also earned the AP Capstone Diploma based on their performance in AP by the end of junior year.

In the 2021-22 school year, there are 118 total students at Dreher working toward an AP Capstone Diploma via their enrollment in either AP Seminar or AP Research.

### COVID-19 INFORMATION

Dreher High School conducted classes in a virtual format from March 2020 through the end of the school year in June 2020. In the 2020-21 school year, Dreher also began in a virtual format, with the option for students to attend face to face beginning in November 2020. Grades are reported numerically, and transcripts are prepared using the South Carolina Uniform Grading Policy described on the front of this profile. Dreher is fully face-to-face in the 2021-22 school year.

