

# DREHER HIGH SCHOOL PROFILE 2019-2020

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## ACCREDITATION/RECOGNITIONS

Accredited by the 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 2019 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.

**COMMUNITY** - Our school is located in the capital city of Columbia, SC. In the 2010 census, the city's population was 130,000. The city's ethnic breakdown is 52.3% white, 40.9% black, 5.8% Latino, and 2.6% Asian. Columbia is home to state government, the University of South Carolina, and Fort Jackson military base.

**SCHOOL** - Dreher High School serves 1207 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 61% of students identifying as nonwhite. Dreher is part of Richland County School District One.

**FACULTY** - 72 faculty members, 76.4% with advanced degrees

## 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.

## 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

## 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>Engineering (Project Lead the Way)</u>
World Geography Honors	Intro to Engineering Design Honors
World History Honors	Principles of Engineering Honors
U.S. History Honors	Digital Electronics Honors
American Government Honors	Civil Engineering/Architecture H
Economics Honors	Aerospace Engineering Honors
<u>Foreign Language</u>	<u>Dual Credit Course</u>
Spanish, French, German,	Teacher Cadet
Latin, & Chinese 3, 4, 5 Honors	

## 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.

The SC State Department of Education revised the Uniform Grading Policy in August 2016. The charts below designate the quality point conversions for numeric grades. The first chart lists the grade ranges/equivalencies for credits earned prior to August 2016, and the second chart lists grade ranges/equivalencies for credits earned after August 2016.

Class rankings are calculated at the completion of each semester utilizing final grades earned to that point.

### SC Uniform Grading Policy for Credits Earned Prior to August 2016:

Numeric Avg.	Letter Grade	CP Quality Points	Honors Quality Points	AP/Dual Credit Quality Points
93-100	A	4.000 - 4.875	4.500 - 5.375	5.000 - 5.875
85-92	B	3.000 - 3.875	3.500 - 4.375	4.000 - 4.875
77-84	C	2.000 - 2.875	2.500 - 3.375	3.000 - 3.875
70-76	D	1.125 - 1.875	1.625 - 2.375	2.125 - 2.875
0-69	F	0.000 - 1.000	0.000 - 1.500	0.000 - 2.000

### SC Uniform Grading Policy for Credits Earned After August 2016:

Numeric Avg.	Letter Grade	CP Quality Points	Honors Quality Points	AP/Dual Credit Quality Points
90-100	A	4.000 - 5.000	4.500 - 5.500	5.000 - 6.000
80-89	B	3.000 - 3.900	3.500 - 4.400	4.000 - 4.900
70-79	C	2.000 - 2.900	2.500 - 3.400	3.000 - 3.900
60-69	D	1.000 - 1.900	1.500 - 2.400	2.000 - 2.900
0-59	F	0.000 - 0.900	0.000 - 1.400	0.000 - 1.900

Further information regarding the grading scale (including conversions for each individual numeric grade) can be found on the SC Department of Education website at <http://www.ed.sc.gov/newsroom/10-point-scale-faq/>.

### SAT AVERAGE SCORES

Year	Number	ERW	Math	Total
2019	187	568	556	1124
2018	154	569	548	1118
2017	152	559	533	1092

### ACT AVERAGE SCORES

Year	Number	English	Math	Reading	Science	Composite
2019	190	19.2	20.1	20.5	19.5	19.9
2018*	250	18.5	19.2	19.6	19.1	19.3
2017*	271	18.9	19.1	19.8	19.4	19.4

\* denotes years of statewide ACT testing for all students

### GPA DISTRIBUTION

	Class of 2017	Class of 2018	Class of 2019
Number in Class	244	227	256
First Quintile	4.226-5.350	4.388-5.493	4.634-5.535
Second Quintile	3.780-4.193	3.831-4.373	4.048-4.605
Third Quintile	3.239-3.742	3.235-3.794	3.559-4.046
Fourth Quintile	2.759-3.231	2.821-3.224	3.005-3.553
Fifth Quintile	1.471-2.738	1.380-2.792	1.327-2.979
Median GPA	3.462	3.549	3.820

### NATIONAL MERIT PROGRAM

	Class of 2018	Class of 2019	Class of 2020
Nat. Merit Semifinalists	3	7	10
Nat. Merit Finalists	2	7	*TBD
Nat. Merit Commended	2	3	3

\*will be announced February 2020

### AP SCORES

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

2018: 333 students took 736 exams; 73.6% of scores were 3 or greater

The following chart lists results by subject and the total for the year 2019:

AP Subject	5	4	3	2	1	Tot. Exams	% >=3
AP Biology	2	3	7	3		15	80.0%
AP Calculus AB	11	8	16	17	5	57	61.4%
AP Calculus BC	10	7	6	1		24	95.8%
AP Chemistry	2	3	13	8		26	69.2%
AP Computer Science A	3	3	4	1	2	13	76.9%
AP English Lang & Comp	16	16	13	12		57	78.9%
AP English Lit & Comp	5	9	24	14		52	73.1%
AP Environmental Science	5	10	2	2	1	20	85.0%
AP European History	12	11	22	9		54	83.3%
AP Human Geography	9	28	23	17	20	97	61.9%
AP Microeconomics	10	23	15	8	4	60	80.0%
AP Music Theory		4		1		5	80.0%
AP Physics 1	4	5	21	9		39	76.9%
AP Psychology	13	22	6	10	8	59	69.5%
AP Research	2	5	24	5		36	86.1%
AP Seminar	10	14	28	2		54	96.3%
AP Statistics	5	8	21	16	8	58	58.6%
AP Studio Art 2D Design	2	2	1	1		6	83.3%
AP Studio Art Drawing	2					2	100%
AP U.S. Government	9	12	29	10	3	63	79.4%
AP U.S. History	13	17	15	5	2	52	86.5%
<b>TOTAL</b>	<b>145</b>	<b>210</b>	<b>290</b>	<b>151</b>	<b>53</b>	<b>849</b>	<b>76.0%</b>

### GRADUATE PROFILE

	Class of 2017	Class of 2018	Class of 2019
Number in Class	244	227	256
Percent Attending:			
Four-Year College	52%	59%	*TBD
Two-Year College	29%	16%	*TBD
Other Schooling	4%	1%	*TBD
Employment	9%	11%	*TBD
Military	3%	8%	*TBD
Number of AP Capstone Diplomas	n/a	13	23
Number of Palmetto Fellows	20	20	30
SC Academic Honors Winners	15	25	30
Four-Year Graduation Rate	90.2%	87.4%	86.8%

\*Follow-up for class of 2019 is finalized one year following graduation (May 2020)

### SAMPLE OF SELECTIVE COLLEGES ATTENDED BY DREHER GRADUATES 2015 - PRESENT

Boston University	Harvey Mudd College
Bowdoin College	Massachusetts Inst. of Tech. (MIT)
Brown University	New York University
California Inst. of Technology	Northwestern University
Clemson University	Pomona College
Columbia University	Univ. of NC at Chapel Hill
Cooper Union	University of Notre Dame
Davidson College	University of Pennsylvania
Duke University	Univ. of South Carolina Columbia
Furman University	Vanderbilt 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 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 2019, 23 seniors earned the AP Capstone Diploma. An additional 20 juniors (currently in the upcoming class of 2020) also earned the AP Capstone Diploma based on their performance in AP by the end of junior year.

In the 2019-20 school year, there are 104 total students at Dreher working toward an AP Capstone Diploma via their enrollment in either AP Seminar or AP Research.

### MISSION

We are Dreher High School, a leader in transforming lives through education, empowering all students to achieve their potential and dreams.

**MASCOT:** Blue Devil

