

# COX MILL HIGH SCHOOL 2018-19

## MISSION

The mission of Cox Mill High School is to graduate all students as empowered problem solvers, continual learners, and productive citizens.

## COMMUNITY

Cox Mill High School opened in 2009 and is the newest high school in Cabarrus County. It is located in the high-growth, western portion of the City of Concord in Cabarrus County, NC near Concord Mills Mall, Charlotte Motor Speedway, and the Mecklenburg County line.

## CURRICULUM

Cox Mill High School is on a 4x4 block schedule. Students have a variety of curriculum opportunities designed to assist them in meeting graduation requirements, preparing for post-secondary education opportunities, and developing essential skills for the work-place.

A full range of Regular, Honors, and Advanced Placement (AP) courses are offered at Cox Mill High School. A list of advanced course offerings can be found on the back of this profile. Note: Most AP courses are available to 11<sup>th</sup> and 12<sup>th</sup> graders only, with a select few available to 10<sup>th</sup> graders. In addition to the traditional courses taught on-site, students may also participate in distance learning programs such as NC Virtual Public Schools and Rowan-Cabarrus Community College's Career & College Promise Program.

**Number of AP Courses offered 2015-16: 16 (Sixteen)**

**Number of AP Courses offered 2016-17: 17 (Seventeen)**

**Number of AP Courses offered 2017-18: 18 (Eighteen)**

**Number of AP Courses offered 2018-19: 17 (Seventeen)**

The Academy of Information Technology (AoIT), in conjunction with the NAF organization, bridges the gap between industry and education by providing real world exploration through internships and work-based learning experiences. We offer two tracks of study: computer programming and multimedia webpage design. The AoIT experience will benefit any student, regardless of their career interest, as it will help prepare them for the technology- driven world we live in today. Students apply for this academy program as rising 9<sup>th</sup> graders, and CMHS is happy to celebrate the Class of 2018 as the first AoIT graduating class.

## EXTRACURRICULAR OPPORTUNITIES

Students in grades 9—12 have opportunities to participate in and enhance their educational experiences via a wide array of extracurricular offerings that include academic, athletic, performing/visual arts, and service-oriented options. All students are strongly encouraged to participate in opportunities which enhance their holistic education. A list of current extracurricular offerings is available on our website.

## GPA & GRADING SCALES

**GPA SCALE:** CMHS calculates both **unweighted** and **weighted** Grade Point Averages (GPA). Honors and Advanced Placement (AP) courses are weighted. Students who **entered HS 2014-15 or before** earn one extra quality point for Honors level and two for AP level classes. Students who **entered HS 2015-16 or after** earn 1/2 extra quality point for Honors level and one for AP level classes.

**GRADING SCALE & RANK:** Effective 2015-16, courses are graded on a 10-point, numeric scale, though some transcripts may show letter grades from previous schools. Prior to 2015-16, courses were graded on a 7-point scale. Grade Point Average (GPA) is on a weighted 4.0 scale. GPA and class rank is calculated at the conclusion of each semester. Students must have a semester in attendance at Cox Mill High School to be ranked.

## GRADUATION

Graduating students must meet the Future Ready Core graduation requirements for the State of North Carolina and local requirements of Cabarrus County Schools. A list of graduation requirements can be found on the back of this profile. Students may earn "honor graduate status" by achieving the appropriate Weighted GPA: Summa Cum Laude (4.320+), Magna Cum Laude (4.0-4.319), and Cum Laude (3.625-3.999). They can also earn designation as a North Carolina Academic Scholar and/or Global Scholar (visit our website for information about these two designations). The current graduation rate at Cox Mill High School is > 95%.

## PROFILE—ACADEMIC

CMHS opened in 2009 and is currently in its 10th year of operation. Since opening, CMHS has received the Honors School of Excellence and School of Excellence awards as part of North Carolina's school accountability model, has been ranked a top ten high school in North Carolina (US News and World Report) and recognized in Newsweek as one of America's Top 500 High Schools. The Class of 2019 has approximately 436 seniors with an average weighted GPA of 3.49 and unweighted GPA of 3.27. The SAT Profile for the CMHS Class of 2018 was: Critical Reading=543, Mathematics=534, Combined=1078. The ACT Profile for the CMHS Class of 2017 was English=19.6, Mathematics=20.8, Reading=21.3, Science=20.9, Composite=20.8.

## PROFILE—DEMOGRAPHIC

CMHS has approximately 1873 students in grades 9 – 12. Socioeconomic and other types of diversity are represented throughout our student body. Approximately 6% of our students qualify for free/reduced lunch. Ethnically, we average 58% Caucasian, 21% African-American, 8% Hispanic and/or Latino, 5% Multi-Racial, 7% Asian/Pacific Islander, and 1% American Indian. Our typical post-high school plan summary averages: 71% 4-year College, 21% 2-year College, 2% Military, 6% Work.



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[www.cabarrus.k12.nc.us/coxmillhs](http://www.cabarrus.k12.nc.us/coxmillhs)



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## GRADING SCALE 2015-16 & AFTER

A	90-100	4.0 points
B	80-89	3.0
C	70-79	2.0
D	60-69	1.0
F	0-59	0.0

Honors & AP courses earn weighted points. See reverse for specific application of weighted points.

## GRADING SCALE 2014-15 & BEFORE

<b>A</b>	96-100	4.0 points
	95	3.875
	94	3.75
	93	3.625
<b>B</b>	92	3.5
	91	3.375
	90	3.25
	89	3.125
	88	3.0
	87	2.875
	86	2.75
	85	2.625
<b>C</b>	84	2.5
	83	2.375
	82	2.25
	81	2.125
	80	2.0
	79	1.875
	78	1.75
	77	1.625
<b>D</b>	76	1.5
	75	1.375
	74	1.25
	73	1.125
	70-72	1.0
<b>F</b>	0-69	0.0

Honors & AP courses earn weighted points. See reverse for specific application of weighted points.

## ATHLETICS & ACTIVITIES

Baseball, Basketball, Cheerleading, Cross Country, Football, Golf, Soccer, Softball, Swimming, Tennis, Track, Volleyball, Wrestling, Marching Band

Students can select from more than 30 clubs and other groups for additional extra-curricular activities. Please visit our website for the most current list of available options.

## GRADUATION REQUIREMENTS

<b>English</b> (4 units/credits)	English I English II English III English IV
<b>Math</b> (4 units/credits)	Math I (Algebra I) Math II (Geometry) Math III (Algebra II) Advanced Math
<b>Science</b> (3 units/credits)	Earth/Environ. Science Biology A Physical Science
<b>Social Studies</b> (4 units/credits)	World History Civics & Economics American History I American History II
<b>Health &amp; PE</b> (1 unit/credit)	Health & PE
<b>World Language</b>	Not required. Two units in the same language are recommended to meet minimum requirements of UNC System. Some colleges may require more.
<b>Career Concentration</b>	Students complete a four-course combination among many options, including CTE Career Clusters, World Languages, Fine Arts & JROTC.

## HONORS & AP COURSES

<b>English*</b>	English I, II, III, IV HN <i>AP English Lang, AP English Lit</i>
<b>Math*</b>	Math I, Math II, III, Pre-calculus HN <i>AP Statistics, AP Calc AB, AP Calc BC</i>
<b>Science*</b>	Earth/Env, Bio, Chem, Physics, Forensic Science HN Anatomy & Physiology HN <i>AP Bio, AP Environmental, AP Physics I</i>
<b>Social Studies*</b>	World History, Civics & Econ, American History I & II HN, <i>AP Human Geog, AP Psych, AP US History, AP World History, AP US Gov. &amp; Pol.</i>
<b>World Lang*</b>	Spanish/Chinese Level III & IV HN <i>AP Spanish Language</i>
<b>Fine/Cultural Arts*</b>	Band/Theatre/Chorus/Dance/Visual Art Proficient & Advanced HN, <i>AP Studio Art</i>
<b>CTE*</b>	Biotech & Research I & II, Drafting II & III (Arch & Eng), Computer Programming II, Nursing Fund. HN AP Comp Sci. & AP Comp. Sci Princ.

\*Some CCP/Dual Enrollment and AoIT/Academy courses earn weighted credit.