Horry County Board of Education Curriculum Committee

Recommendations

HCS INSPIRING POSSIBILITIES
Horry County Schools

Scholars Academy

Curriculum Committee Recommendations for Scholars Academy

- Beginning with the 2020 school year, the Scholars Academy will be a stand-alone school.

- Scholars Academy students who wish to remain enrolled in their base schools will have the option to return to their base schools.

Scholars Academy (SA)

Secondary Program (Current Status)	Stand-alone High School (Proposed Status)
• Bus transportation is provided to and from SA for all nine Horry County Schools (HCS) attendance areas.	• Bus transportation is provided to and from SA for all nine Horry County Schools (HCS) attendance areas. (NO CHANGE)
• Students have increased opportunities and access to dual-credit college courses offered by Coastal Carolina University (CCU).	• Students have increased opportunities and access to dual-credit college courses offered by Coastal Carolina University (CCU). (NO CHANGE)
• HCS pays for all tuition, textbooks, and materials for all CCU dual-credit courses.	• HCS pays for all tuition, textbooks, and materials for all CCU dual-credit courses. (NO CHANGE)
• Students have the opportunity to enroll in CCU dual-credit fine arts courses.	• Students have the opportunity to enroll in CCU dual-credit fine arts courses. (NO CHANGE)
• The school day is shorter than the base high school day.	• The school day is shorter than the base high school day. (NO CHANGE)
• Students have the opportunity to take high school classes with lower pupil-teacher ratios.	• Students have the opportunity to take high school classes with lower pupil-teacher ratios. (NO CHANGE)
• In accordance with South Carolina High School League regulations, a student is able to participate in athletics at the high school zoned to serve the student's residential address. SCHS League By-Laws, page 9	• In accordance with South Carolina High School League regulations, a student is able to participate in athletics at the high school zoned to serve the student's residential address. (NO CHANGE)

Scholars Academy (SA)

Secondary Program (Current Status)	Stand-alone High School (Proposed Status)
• Students are able to participate in extracurricular activities (e.g., marching band, orchestra, theatre, clubs, etc.) not offered at SA at the high school zoned to serve the student's residential address. (Participation will be dependent upon transportation and scheduling.)	• Students are able to participate in extracurricular activities (e.g., marching band, orchestra, theatre, clubs, etc.) not offered at SA at the high school zoned to serve the student's residential address. (Participation will be dependent upon transportation and scheduling.) (NO CHANGE)
• During the school day, students have access to tutoring and teacher assistance outside of classroom time via Scholars Station.	• During the school day, students have access to tutoring and teacher assistance outside of classroom time via Scholars Station. (NO CHANGE)
• The high school diploma is issued by the base high school.	• **The high school diploma will be issued by Scholars Academy.** (CHANGE)
• SA students take part in the SA Senior Celebration <u>and</u> in their respective base high schools' graduation ceremonies.	• **SA will have its own high school graduation ceremony.** (CHANGE)
• SA students are eligible to compete for ceremonial titles of valedictorian and salutatorian at base high school graduations since SA students are included in base high school class rankings.	• **SA students will <u>not</u> be included in base high school class rankings, and SA students will <u>not</u> be eligible to compete for ceremonial titles of valedictorian and salutatorian at base high schools graduations.** (CHANGE)
• Students can earn eligibility for either the SC Palmetto Fellows or LIFE Scholarship.	• Students can earn eligibility for either the SC Palmetto Fellows or LIFE Scholarship. (NO CHANGE)

SC State Scholarship Criteria

Palmetto Fellows Scholarship	LIFE Scholarship
Eligibility Students may qualify at the end of their 10th, 11th, or 12th grade. To qualify for the Palmetto Fellows Scholarship, a student must meet <u>one</u> of the following eligibility criteria: 1. rank in the top 6% of their respective 10th, 11th, or 12th grade at the end of the school year; score at least a 1200 on the SAT or a 27 on the ACT; and earn a 3.5 cumulative GPA. 2. score at least a 1400 on the SAT or a 32 on the ACT and earn a 4.0 GPA.	**Eligibility** Students may qualify at the end of their graduation year. To qualify as a LIFE Scholarship recipient, a student must meet <u>two</u> of the following three eligibility criteria: 1. rank in the top 30% of their graduation class; 2. score at least an 1100 on the SAT or a 24 on the ACT; or 3. earn a 3.0 weighted GPA as described in the SC UGP.
Scholarship Award Palmetto Fellows Scholarship recipients may earn up to $6,700 applied to the cost of tuition for the first year and $7,500 for the following three years. Provided the student maintains his scholarship eligibility, the total award will be $29,200 for four years of college attendance.	**Scholarship Award** Life Scholarship recipients may qualify for up to $5,000 annually applied to the cost of tuition for each of the four years of college attendance. Provided the student maintains his eligibility, this may result in an award of up to $20,000 for four years of college attendance. Up to $300 of the scholarship award may be used as a textbook allowance.
Scholarship Enhancement To be eligible for the Scholarship Enhancement, a student must: 1. declare a major in an approved math or science program; 2. complete 14 credit hours of instruction in mathematics or life and physical science or a combination of both by the end of the first academic year.	**Scholarship Enhancement** To be eligible for the Scholarship Enhancement, a student must: 1. declare a major in an approved math or science program; 2. complete 14 credit hours of instruction in mathematics or life and physical science or a combination of both by the end of the first academic year. The 14 credit hours may include AP, IB, or dual enrollment course credits earned in mathematics or life and physical science courses in high school.
Scholarship Enhancement Award Palmetto Fellows Scholarship Enhancement recipients may qualify for up to $10,000 (combined funds from Palmetto Fellows Scholarship and Scholarship Enhancement) per year, beginning in their second year of college enrollment. The Enhancement Scholarship may be earned for up to six full terms.	**Scholarship Enhancement Award** LIFE Scholarship Enhancement recipients may qualify for up to an additional $2,500 per year, beginning in their second year of college enrollment. Provided the student maintains his eligibility, the Enhancement may be awarded for six full terms.

Scholars Academy (SA): State Scholarships – Palmetto Fellows and LIFE

Secondary Program (Current Status)	Stand-alone High School (Proposed Status A: Students Ranked)	Stand-alone High School (Proposed Status B: Students NOT Ranked)
• SA students are included in base high school class rankings, so SA students may use their base high school class rank toward earning a **Palmetto Fellows Scholarship** by meeting one of the following sets of criteria: 1. score at least 1200 on the SAT (27 on the ACT), 2. earn a minimum 3.50 cumulative GPA on the SC Uniform Grading Policy (SC UGP), and 3. rank in the top six percent of the class at the end of either the sophomore, the junior, or senior year; OR 1. score at least 1400 on the SAT (32 on the ACT), and 2. earn a minimum 4.0 cumulative GPA on the SC UGP.	• SA students will not be included in base high school class rankings. Instead, SA students will be ranked with their SA High School grade-level classmates. This rank may be used toward earning a Palmetto Fellows Scholarship by meeting one of the following sets of criteria: (CHANGE) 1. score at least 1200 on the SAT (27 on the ACT), 2. earn a minimum 3.50 cumulative GPA on the SC Uniform Grading Policy (SC UGP), and 3. rank in the top six percent of the class at the end of either the sophomore, the junior, or senior year; OR 1. score at least 1400 on the SAT (32 on the ACT), and 2. earn a minimum 4.0 cumulative GPA on the SC UGP.	• SA students will not be included in base high school class rankings. SA students will not be ranked. (CHANGE) • However, all S.C. high school students are eligible for the Palmetto Fellows Scholarship if they 1. score at least 1400 on the SAT (32 on the ACT) and 2. earn a minimum 4.00 cumulative GPA.
• SA students are included in base high school class rankings, so SA students may use their base high school class rank toward earning a **LIFE Scholarship** by meeting **two** of the following three criteria: 1. earn a cumulative 3.0 GPA based on the SC UGP upon high school graduation; 2. score an 1100 on the SAT or an equivalent 24 on the ACT; 3. rank in the top 30% of the graduating class.	• SA students will not be included in base high school class rankings. Instead, SA students will be ranked with their SA High School grade-level classmates. This rank may used toward earning a LIFE Scholarship by meeting **two** of the following three criteria: (CHANGE) 1. earn a cumulative 3.0 GPA based on the SC UGP upon high school graduation; 2. score a minimum of 1100 on the SAT or an equivalent 24 on the ACT; or 3. rank in the top 30% of the graduating class.	• SA students will not be included in base high school class rankings. SA students will not be ranked. (CHANGE) • However, all S.C. high school students are eligible for the LIFE Scholarship if they 1. earn a cumulative 3.0 GPA based on the SC UGP upon high school graduation; and 2. score a minimum of 1100 on the SAT or an equivalent 24 on the ACT.

State Scholarship Data Analysis

Scholars Academy and Base High School State Scholarship Comparison
Class of 2019
(SA as a Secondary Program)

School *	Number of June Graduates	Palmetto Fellows Recipients	LIFE Scholarship Recipients (Rank/GPA)	Total Amount		Combined Total
				Palmetto Fellows Scholarships	LIFE Scholarship Scholarships	
AHS (1)	157	9	38	$262,800	$760,000	$1,022,800
CFHS (12)	472	39	102	$1,138,800	$2,040,000	$3,178,800
CHS (1)	242	10	62	$292,000	$1,240,000	$1,532,000
GSFHS (0)	75	3	19	$87,600	$380,000	$467,600
LHS (1)	161	9	39	$262,800	$780,000	$1,042,800
MBHS (4)	327	22	76	$642,400	$1,520,000	$2,162,400
NMBHS (3)	323	22	74	$642,400	$1,480,000	$2,122,400
SHS (11)	350	29	76	$846,800	$1,520,000	$2,366,800
SJHS (3)	349	30	74	$876,000	$1,480,000	$2,356,000
Totals	2,456	173	560	$5,051,600	$11,200,000	*$16,251,600*

*Numbers within parentheses denote number of Scholars Academy students.

Scholars Academy and Base High School State Scholarship Comparison
Class of 2019
(SA as a Stand-alone High School)

School	Number of June Graduates	Palmetto Fellows Recipients	LIFE Scholarship Recipients (Rank/GPA)	Total Amount		
				Palmetto Fellows Scholarships	LIFE Scholarship Scholarships	Combined Total
AHS	156	8	38	$233,600	$760,000	$993,600
CFHS	460	32	108	$934,400	$2,160,000	$3,094,400
CHS	241	10	62	$292,000	$1,240,000	$1,532,000
GSFHS	75	3	19	$87,600	$380,000	$467,600
LHS	160	8	40	$233,600	$800,000	$1,033,600
MBHS	323	20	76	$584,000	$1,520,000	$2,104,000
NMBHS	320	19	77	$554,800	$1,540,000	$2,094,800
SHS	339	25	76	$730,000	$1,520,000	$2,250,000
SJHS	346	27	74	$788,400	$1,480,000	$2,268,000
SA	36	25	11	$730,000	$220,000	$950,000
Totals	2,456	177	581	$5,168,400	$11,620,000	*$16,788,400*

Scholars Academy and Base High School State Lottery Scholarship Comparison
Class of 2019

School	Total Amount (SA as a Secondary Program)			Total Amount (SA as a Stand-alone HS)			Difference
	Palmetto Fellows Scholarships	LIFE Scholarship Scholarships	Combined Total	Palmetto Fellows Scholarships	LIFE Scholarship Scholarships	Combined Total	
AHS	$262,800	$760,000	$1,022,800	$233,600	$760,000	$993,600	- $29,200
CFHS	$1,138,800	$2,040,000	$3,178,800	$934,400	$2,160,000	$3,094,400	- $84,400
CHS	$292,000	$1,240,000	$1,532,000	$292,000	$1,240,000	$1,532,000	$0
GSFHS	$87,600	$380,000	$467,600	$87,600	$380,000	$467,600	$0
LHS	$262,800	$780,000	$1,042,800	$233,600	$800,000	$1,033,600	- $9,200
MBHS	$642,400	$1,520,000	$2,162,400	$584,000	$1,520,000	$2,104,000	- $58,400
NMBHS	$642,400	$1,480,000	$2,122,400	$554,800	$1,540,000	$2,094,800	- $27,600
SHS	$846,800	$1,520,000	$2,366,800	$730,000	$1,520,000	$2,250,000	- $116,800
SJHS	$876,000	$1,480,000	$2,356,000	$788,400	$1,480,000	$2,268,400	- $87,600
SA				$730,000	$220,000	$950,000	$950,000
Totals	$5,051,600	$11,200,000	$16,251,600	$5,168,400	$11,620,000	$16,788,400	$536,800

Scholars Academy and Base High School Scholarship Comparative Results
Class of 2019

Total state scholarship funds for Class of 2019 (SA as a Stand-alone High School)	$16,788,400
Total state scholarship funds for Class of 2019 (SA as a Secondary Program)	$16,251,600
Scholarship Difference*	$536,800

*If Scholars Academy had been a stand-alone high school in 2018-19:

- Five Scholars Academy students would not have been eligible for the Palmetto Fellows Scholarship; they would have received the LIFE Scholarship.
- Twenty-five additional HCS base high school students would have been eligible for either Palmetto Fellows (9 students) or LIFE Scholarship (16 students).
- HCS high school students would have been eligible for an additional $536,800 in state scholarship funds.

SA Student/Family Estimated Tuition Savings: CCU Dual-Credit Coursework
Class of 2019 *by School*

Base High School	Potential SA Student/Family Tuition Cost Avoidance*	Number of SA Students
AHS	$19,967	1
CFHS	$222,072	12
CHS	$21,428	1
GSFHS	$0	0
LHS	$18,506	1
MBHS	$81,329	4
NMBHS	$55,031	3
SHS	$217,689	11
SJHS	$67,206	3
	$703,228	**36**

*Tuition Cost Avoidance calculation is based on the CCU costs per college credit hour as a part-time student. It does not include the costs of textbooks, labs, or technology fees.

SA Student/Family Estimated Tuition Savings: CCU Dual-Credit Coursework
Class of 2019 *by Student*

Name	College Credit Hours	SA Student/Family Estimated Tuition Cost Avoidance*
SA Student 1	41	$19,967
SA Student 2	38	$18,506
SA Student 3	32	$15,584
SA Student 4	35	$17,045
SA Student 5	35	$17,045
SA Student 6	38	$18,506
SA Student 7	50	$24,350
SA Student 8	38	$18,506
SA Student 9	44	$21,428
SA Student 10	29	$14,123
SA Student 11	38	$18,506
SA Student 12	38	$18,506
SA Student 13	41	$19,967
SA Student 14	44	$21,428
SA Student 15	38	$18,506
SA Student 16	32	$15,584
SA Student 17	56	$27,272
SA Student 18	35	$17,045
SA Student 19	44	$21,428

*Tuition based on the CCU costs per college credit hour as a part-time student.
It does not include the costs of textbooks, labs, or technology fees.

CCU Tuition and Fees

SA Student/Family Estimated Tuition Savings: CCU Dual-Credit Coursework
Class of 2019 *by Student*

Name	College Credit Hours	SA Student/Family Estimated Tuition Cost Avoidance*
SA Student 20	35	$17,045
SA Student 21	41	$19,967
SA Student 22	37	$18,019
SA Student 23	47	$22,889
SA Student 24	38	$18,506
SA Student 25	32	$15,584
SA Student 26	32	$15,584
SA Student 27	41	$19,967
SA Student 28	41	$19,967
SA Student 29	49	$23,863
SA Student 30	47	$22,889
SA Student 31	44	$21,428
SA Student 32	35	$17,045
SA Student 33	41	$19,967
SA Student 34	59	$28,733
SA Student 35	35	$17,045
SA Student 36	44	$21,428
Total	**1444**	**$703,228**

* Tuition Cost Avoidance is based on the CCU costs per college credit hour as a part-time student. It does not include the costs of textbooks, labs, or technology fees.

SA Student/Family Estimated Tuition Savings: CCU Dual-Credit Coursework Slide 1 of 2
Class of 2019 *by Student*

Student	SA as a Program: Eligible State Scholarship	SA as a Program: State Scholarship Amount*	SA as a Stand-alone: Eligible State Scholarship	SA as a Stand-alone: Award Amount*	College Credit Hours	SA Student/Family Tuition Cost Avoidance ***	SA as a Program: Scholarship Amount + Cost Avoidance	SA as a Stand-alone: Scholarship Amount + Cost Avoidance
SA Student 1	PF	$29,200	LS	$20,000	41	$19,967	$49,167	$39,967
SA Student 2	PF	$29,200	PF	$29,200	38	$18,506	$47,706	$47,706
SA Student 3	PF	$29,200	PF	$29,200	32	$15,584	$44,784	$44,784
SA Student 4	PF	$29,200	PF	$29,200	35	$17,045	$46,245	$46,245
SA Student 5	PF	$29,200	PF	$29,200	35	$17,045	$46,245	$46,245
SA Student 6	PF	$29,200	PF	$29,200	38	$18,506	$47,706	$47,706
SA Student 7	PF	$29,200	PF	$29,200	50	$24,350	$53,550	$53,550
SA Student 8	PF	$29,200	PF	$29,200	38	$18,506	$47,706	$47,706
SA Student 9	PF	$29,200	LS	$20,000	44	$21,428	$50,628	$41,428
SA Student 10	PF	$29,200	LS	$20,000	29	$14,123	$43,323	$34,123
SA Student 11	PF	$29,200	LS	$20,000	38	$18,506	$47,706	$38,506
SA Student 12	LS	$20,000	LS	$20,000	38	$18,506	$38,506	$38,506
SA Student 13	PF	$29,200	PF	$29,200	41	$19,967	$49,167	$49,167
SA Student 14	LS	$20,000	LS	$20,000	44	$21,428	$41,428	$41,428
SA Student 15	PF	$29,200	PF	$29,200	38	$18,506	$47,706	$47,706
SA Student 16	PF	$29,200	PF	$29,200	32	$15,584	$44,784	$44,784
SA Student 17	PF	$29,200	PF	$29,200	56	$27,272	$56,472	$56,472
SA Student 18	PF	$29,200	LS	$20,000	35	$17,045	$46,245	$37,045

*Does not include textbook allowance or potential enhancement awards
***Amount is based on CCU tuition for a part-time student. This does not include textbooks or lab fees.

SA Student/Family Estimated Tuition Savings: CCU Dual-Credit Coursework
Class of 2019 *by Student*

Student	SA as a Program: Eligible State Scholarship	SA as a Program: State Scholarship Amount*	SA as a Stand-alone: Eligible State Scholarship	SA as a Stand-alone: Award Amount*	College Credit Hours	SA Student/Family Tuition Cost Avoidance ***	SA as a Program: Scholarship Amount + Cost Avoidance	SA as a Stand-alone: Scholarship Amount + Cost Avoidance
SA Student 19	LS	$20,000	LS	$20,000	44	$21,428	$41,428	$41,428
SA Student 20	PF	$29,200	PF	$29,200	35	$17,045	$46,245	$46,245
SA Student 21	PF	$29,200	PF	$29,200	41	$19,967	$49,167	$49,167
SA Student 22	PF	$29,200	PF	$29,200	37	$18,019	$47,219	$47,219
SA Student 23	PF	$29,200	PF	$29,200	47	$22,889	$52,089	$52,089
SA Student 24	PF	$29,200	PF	$29,200	38	$18,506	$47,706	$47,706
SA Student 25	PF	$29,200	PF	$29,200	32	$15,584	$44,784	$44,784
SA Student 26	PF	$29,200	PF	$29,200	32	$15,584	$44,784	$44,784
SA Student 27	PF	$29,200	PF	$29,200	41	$19,967	$49,167	$49,167
SA Student 28	PF	$29,200	PF	$29,200	41	$19,967	$49,167	$49,167
SA Student 29	PF	$29,200	PF	$29,200	49	$23,863	$53,063	$53,063
SA Student 30	PF	$29,200	PF	$29,200	47	$22,889	$52,089	$52,089
SA Student 31	LS	$20,000	LS	$20,000	44	$21,428	$41,428	$41,428
SA Student 32	LS	$20,000	LS	$20,000	35	$17,045	$37,045	$37,045
SA Student 33	LS	$20,000	LS	$20,000	41	$19,967	$39,967	$39,967
SA Student 34	PF	$29,200	PF	$29,200	59	$28,733	$57,933	$57,933
SA Student 35	PF	$29,200	PF	$29,200	35	$17,045	$46,245	$46,245
SA Student 36	PF	$29,200	PF	$29,200	44	$21,428	$50,628	$50,628
	PF = 30, Life=6	$996,000	PF=25, Life=11	$950,000	1444	$703,228	$1,699,228	$1,653,228

*Does not include textbook allowance or potential enhancement awards
***Amount is based on CCU tuition for a part-time student. This does not include textbooks or lab fees.

Scholars Academy Summary Observations
2019 Graduating Class

- Twenty-five of 36 Scholars Academy students qualified for the Palmetto Fellows Scholarship based upon college entrance score and GPA, without reliance on 6% class ranking.
- Five Scholars Academy students needed the top 6% class ranking to qualify for the Palmetto Fellows Scholarship.
- Six of the 36 Scholars Academy seniors did not qualify for the Palmetto Fellows Scholarship regardless of Scholars Academy status as either a program or stand-alone school. However, these six students qualified for the LIFE Scholarship.
- Horry County Schools seniors would have received $536,800 more in scholarship funds if Scholars Academy had been a stand-alone school.
- Horry County Schools spent over $195,000 on college course tuition, grades 9-12, for the 2019 Scholars Academy seniors.*
- Estimated tuition cost avoidance for the Scholars Academy Student/Family for the Class of 2019 was $703,228.**

 *College course tuition does not include textbooks.

**Tuition cost avoidance calculations are based on part-time student status and do not include textbooks or other fees.

Scholars Academy

Scholars Academy – "Grandfather" Question	Scholars Academy – Results
The current 9th, 10th, and 11th grade will remain status quo as the current secondary program until the graduation of the SA Class of 2023, i.e., the current 9th grade class.	a) The incoming class of 9th graders in the fall of 2020 will be the only grade in SA High School, resulting in a school of approximately 50 students in one grade. b) A dual system would have to be created in order to establish a stand-alone high school and maintain a program for the next three years. c) For three more years, SA students will have the ability to displace base high school students in class rank, resulting in some base high school students losing ceremonial titles of valedictorian and salutatorian. d) For three more years, SA students will have the ability to displace base high school students in class rank, resulting in some base high school students losing Palmetto Fellows and LIFE scholarships. In the Class of 2019, nine base high students were displaced by SA students, resulting in loss of eligibility for the Palmetto Fellows Scholarship. Specifically, with the Class of 2019, HCS base high school students lost in excess of **$536,800** in state scholarship funds**.** If this loss for the class of 2019 were to remain constant over the next three years, base high school students would lose in excess of **$1,610,400** in state scholarship funds. (***Note: Current 10th, 11th, and 12th grade SA students are eligible to use their base high school class rank for the 2019-20 school year as one of three criteria to be considered for the Palmetto Fellows Scholarship.)***

Scholars Academy

Scholars Academy – Possible Board Action	Scholars Academy – Results
Option #1: Take no action – Leave Scholars Academy as a Secondary Program.	• Scholars Academy students will still be ranked with base high school students. • Consequently, Scholars Academy students will continue to qualify for Education Lottery Scholarships based upon class rank which has historically removed base high school students from Palmetto Fellows and LIFE Scholarship eligibility. • Additionally, Scholars Academy students will remain eligible to serve as valedictorian and salutatorian in base high school graduation ceremonies.

Scholars Academy

Scholars Academy – Possible Board Action	Scholars Academy – Results
Option #2: Make Scholars Academy a stand-alone high school and <u>rank students</u> effective the 2020-21 school year: • The Scholars Academy Senior Class of 2020 will be ranked with their base high school grade-level classmates. • However, beginning in the 2020-21 school year, Scholars Academy High School students in grades 10-12 will be ranked with their respective Scholars Academy High School grade-level classmates. (Ninth-grade students are not ranked in Horry County Schools.)	• For Palmetto Fellows Scholarship eligibility, most Scholars Academy High School students will depend upon their college entrance score(s) and GPA to qualify; however, the top 6% of the class will be eligible to qualify using the class rank criterion. • For LIFE Scholarship eligibility, most Scholars Academy High School students will depend upon their college entrance score(s) and GPA to qualify; however, the top 30% of the Scholars Academy High School senior class will be eligible to qualify using the class rank criterion. • Additionally, the Scholars Academy High School valedictorian and salutatorian will be determined by the Scholars Academy High School senior class rank. (***<u>Note: Current 10th, 11th, and 12th grade SA students are eligible to use their base high school class rank for the 2019-20 school year as one of three criteria to be considered for the Palmetto Fellows Scholarship.</u>***)

Scholars Academy

Scholars Academy – Possible Board Action	Scholars Academy – Results
Option #3: Make Scholars Academy a stand-alone high school and <u>**not rank current or future students**</u> effective 2020-21 and subsequent school years: • The Scholars Academy Senior Class of 2020 will be ranked with their base high school grade-level classmates. • However, beginning in the 2020-21 school year, Scholars Academy High School students will not be ranked.	• Scholars Academy High School students will be dependent upon their respective college entrance scores and GPAs to qualify for either the Palmetto Fellows or LIFE Scholarship. • Additionally, there will not be a Scholars Academy High School valedictorian and salutatorian. • Based upon final senior GPAs, students will receive the appropriate Latin Honors recognition in the Scholars Academy High School graduation ceremony (*Summa Cum Laude, Magna Cum Laude,* or *Cum Laude*). **<u>(Note: Current 10th, 11th, and 12th grade SA students are eligible to use their base high school class rank for the 2019-20 school year as one of three criteria to be considered for the Palmetto Fellows Scholarship.)</u>**

Academy for Arts, Science & Technology

Curriculum Committee Recommendations for The Academy for Arts, Science & Technology

- Beginning with the 2020 school year, AAST will expand the opportunities in CTE and STEM majors program for juniors and seniors. Freshman and sophomore CTE- and STEM-related opportunities will be provided at the base schools.

- The 2019 freshman class that entered AAST STEM will be the last class to enter for a four-year program at a single site. These students will continue, if they choose to do so, their course of study at AAST until they graduate.

Academy for Arts, Science & Technology (AAST)

Program for 9th-12th Grade Students (Current Status)	Program for 11th and 12th Grade Students (Proposed Status)
• Bus transportation is provided to and from AAST for all nine Horry County Schools (HCS) attendance areas.	• Bus transportation is provided to and from AAST for all nine Horry County Schools (HCS) attendance areas. (NO CHANGE)
• The school day is shorter than the base high school day.	• The school day is shorter than the base high school day. (NO CHANGE)
• Students have the opportunity to take high school classes with lower pupil-teacher ratios.	• Students have the opportunity to take high school classes with lower pupil-teacher ratios. (NO CHANGE)
• The high school diploma is issued by the base high school.	• The high school diploma is issued by the base high school. (NO CHANGE)
• Students have the option to take AP and HGTC dual-enrollment courses.	• Students have the option to take AP and HGTC dual-enrollment courses. (NO CHANGE)

Academy for Arts, Science & Technology (AAST)

Program for 9th-12th Grade Students (Current Status)	Program for 11th and 12th Grade Students (Proposed Status)
• Juniors and seniors have the opportunity to complete internships with businesses in the community.	• Juniors and seniors have the opportunity to complete internships with businesses in the community. (NO CHANGE)
• Students are able to participate in extracurricular activities (e.g., marching band, orchestra, theatre, clubs, etc.) not offered at AAST at the high school zoned to serve the student's residential address. (Participation will be dependent upon transportation and scheduling.)	• Students are able to participate in extracurricular activities (e.g., marching band, orchestra, theatre, clubs, etc.) not offered at AAST at the high school zoned to serve the student's residential address. (Participation will be dependent upon transportation and scheduling.) (NO CHANGE) •
• In accordance with South Carolina High School League regulations, a student is able to participate in athletics at the high school zoned to serve the student's residential address.	• In accordance with South Carolina High School League regulations, a student is able to participate in athletics at the high school zoned to serve the student's residential address. (NO CHANGE)
• A STEM program is offered at AAST for grades 9-12.	• STEM studies will be expanded at base high schools and program schools (AAST and ATA). (CHANGE)
• Students apply for programs at AAST as rising freshmen or rising juniors.	• Students will be able to apply for programs at AAST as rising juniors. Current 9th and 10th graders will be able to remain enrolled at AAST. A new freshman class will not be enrolled for 2020-2021 and subsequent school years. (CHANGE)

Academy for Arts, Science & Technology (AAST)

Program for 9th-12th Grade Students (Current Status)	Program for 11th and 12th Grade Students (Proposed Status)
• Although 500-600 rising freshmen apply annually to attend AAST, approximately 100 students are accepted.	• Rising freshmen interested in STEM studies will have the opportunity to be served at their base high schools in grades 9-12 or will have the opportunity to apply for STEM/CTE Majors at AAST or ATA during their junior and senior years. (CHANGE)
• Science, Technology, Engineering, Math (STEM) and Career and Technology Education (CTE) course opportunities are available for 9th- and 10th-grade students.	• STEM/CTE course opportunities will be available for 9th and 10th grade students at their base schools. (CHANGE)
• AAST's current 9-12 configuration limits the slots for rising juniors from the base high schools to enter AAST to take STEM/CTE Majors courses their junior and senior years.	• An increased number of slots will be available for rising juniors from the base high schools to enter AAST to take STEM/CTE Majors courses their junior and senior years. (CHANGE)
• AAST's current 9-12 configuration inhibits expansion of STEM/CTE Majors for juniors and seniors.	• As a result of the reconfiguration, other STEM/CTE Majors for juniors and seniors can be added at AAST based on student interest and/or industry need as the K-12 STEM program continues to expand. (CHANGE)
• AAST has an AdvancED STEM certification that runs from 2016-2021.	• AAST, ATA, and base high schools will begin the application process for Cognia STEM certification (formerly AdvancED) in the school year 2020-2021. (CHANGE)

STEM Background and Course Offerings

What is STEM?

- STEM is a curriculum.

- STEM is based on the idea of educating students in four specific disciplines — science, technology, engineering, and mathematics.

- STEM integrates four disciplines into a cohesive learning paradigm based on real-world applications, rather than teaching them as separate and discrete subjects.

What is STEM in Horry County Schools?

- STEM courses are available in all ten high schools and three academies.

- STEM-related course opportunities are offered to high school students via PLTW, SREB, CTE, and/or general education (math, science, and technology) courses.

- STEM opportunities have been expanded to include all K-8 schools, starting with the 2019-20 school year.

- STEM-related activities are also offered to HCS students in multiple contexts through FIRST Robotics competition, FIRST Lego League competition, the HCS Tech Fair, Math Counts, CTE competitions, Summer Scholars, iTEAMS-Xtreme Next Generation camp, CREATEng camp, etc.

Southern Regional Education Board (SREB)

Advanced Career STEM Pathway Academies

High schools and technology centers are being challenged like never before to prepare youth for their next steps after graduation, whether those steps include earning a credential or degree or securing a good job right away.

Co-designed with state leaders, postsecondary educators, employer partners and master teachers, each of SREB's **nine Advanced Career pathways** consists of four courses that help students master readiness standards and cultivate the critical thinking, problem-solving, communication and applied academic skills employers value.

AC courses introduce students to exciting careers in varied STEM (science, technology, engineering and mathematics) fields. All AC courses are taught in the context of a college-ready academic core and include fully developed lesson plans, assessments, projects and supplies.

Career Academies — A *Proven* Strategy for Engaging Students

Research shows that **career academies** — small learning communities in which students take academic and technical courses as a cohort with dedicated academy teachers — not only help students transition to college, but also improve their labor market outcomes, according to studies conducted by MDRC.

Project Lead The Way (PLTW)

Career confidence.
It's happening in a
Project Lead The Way
classroom.

| PLTW Launch | PLTW Gateway | PLTW Computer Science | PLTW Engineering | PLTW Biomedical Science |

Our PreK-12 Pathways: Cohesive, Hands-On Learning Experiences

We believe all students – beginning at a young age – need access to real-world, applied learning experiences that empower them to gain the skills they need to thrive in college, career, and beyond. That's why our pathways in computer science, engineering, and biomedical science provide hands-on learning opportunities from the first day of pre-kindergarten through senior year. PLTW's research-supported approach empowers students to discover and explore interests, imagine and design solutions to real-world challenges, and become independent, confident problem solvers.

2019 – 2020 SREB and PLTW Course Offerings

	STEM Courses for SREB and PLTW	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
SREB	Fundamentals of Aerospace Engineering (Honors)	New										
SREB	Clean Energy Systems (Honors)	New										
SREB	The Nature of Science and Tech (Honors)	New										
PLTW	Intro to Engineering (Honors)		✓		✓	✓	New		New	New		
PLTW	Principals of Engineering (Honors)		✓		✓	✓						
PLTW	Civil Engineering and Architecture (Honors)				New	✓						
PLTW	Environmental Sustainability (Honors)		✓									
PLTW	Engineering Design and Development (Honors)		✓									
PLTW	Digital Electronics (Honors Pending)		New									
PLTW	Computer Science Principles (Honors)			New		New						
PLTW	Computer Science Essentials (Honors)					✓						New
PLTW	Cybersecurity Fundamentals (Honors Pending)				New							
PLTW	Principals of Biomedical Science (Honors)				✓			New			New	
PLTW	Human Body Systems (Honors)				✓							
PLTW	Medical Interventions (Honors)				New							

STEM/CTE Courses and Majors

School	AAST	AHS	ATA	CFHS	CHS	GSFH	LHS	MBHS	NMBHS	SHS	SJHS
STEM/CTE Courses	31	21	49	30	25	10	24	16	13	22	48
STEM/CTE Majors	8	6	10	11	7	3	6	6	4	6	14

A STEM/CTE major is comprised of a minimum of 3 or 4 prescribed Carnegie units within a specialized career cluster as prescribed by the South Carolina Department of Education.

AAST STEM Application Data

School Year	Number of Applicants	Number of Applicants Invited	Number of Students Committed	Number of Applicants Not Invited to Attend AAST
2018-19	570	134	108	436
2017-18	667	149	90	518
2016-17	566	182	139	384
2015-16	529	192	147	337

AAST Summary Observations

- The current enrollment at AAST is 626 students.

- Of the 626 current students, 447 entered as ninth graders in the STEM program, while 179 students entered as 11th graders in the CTE Majors programs.

- All nine base high schools, ATA, and AAST offer at least one SREB or PLTW course, with three schools, ATA, CFHS, and CHS offering at least five of these courses.

- A freshmen-entry STEM program at AAST is no longer necessary given the increased opportunities for STEM-related studies at the base schools for 9th and 10th grade students.

- By eliminating the 9th and 10th grade students from AAST, the number of STEM/CTE Majors courses can be increased at AAST for HCS juniors and seniors based on student interest and industry needs.

- The availability of STEM offerings at our high schools eliminates the annual exclusion of approximately 400-500 rising freshman from AAST, as they will have the opportunity to pursue their STEM interests at base high schools.

- HCS base high schools and programs will continue to expand STEM studies in subsequent years by adding courses through one or more approaches: SREB, PLTW, CTE, and possibly Advanced Placement.

The Academy for Arts, Science & Technology (AAST)

AAST – Possible Board Action	AAST - Results
Option #1: Take no action – Leave intact grades 9-12 (STEM) and grades 11-12 (Majors) at AAST.	• Prevent increased enrollment of HCS juniors and seniors in STEM/CTE Majors courses of study. • Prevent expansion of STEM/CTE Majors courses of study for HCS juniors and seniors. • Continue enrolling 9th and 10th graders to take general education courses required for graduation (e.g., math, science, English, social studies, physical education, and fine arts, etc.) which are available at their respective base high schools, thus reducing instructional spaces for HCS juniors and seniors at AAST. • Continue to offer AAST students access to dual-enrollment and Advanced Placement courses.
Option #2: Beginning the 2020 school year, AAST will expand the opportunities in STEM/CTE Majors program for juniors and seniors. Freshman and sophomore STEM/CTE-related opportunities will be provided at the base schools. The 2019 freshman class that entered AAST STEM will be the last class to enter for a four-year program at a single site. These students will continue, if they choose to do so, their course of study at AAST until they graduate.	• Increase the number of slots for rising HCS juniors and seniors to enter AAST to pursue STEM/CTE Majors. • Expand the number of STEM/CTE Majors courses for HCS juniors and seniors based on student interest and industry needs. • Continue to offer 9th and 10th graders access to STEM coursework at their base high schools. • Continue to offer AAST students access to dual-enrollment and Advanced Placement courses.

Appendix

Horry County Schools
High School STEM/CTE Courses

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Accounting 1				■				■			■
Accounting 2								■			
Adm. Support Technology											■
Advanced Animations	■										
Advanced Web Design & Development	■										
Advertising				■							■
Agribusiness and Marketing							■				
Agricultue Mechanics and Technology			■		■						
Agricultural Science & Technology			■	■	■		■			■	
Animal Science			■								
AP Computer Science											■
Architectural Design 1 (6170)											■
Architectural Design 2 (6171)											■
Architecture and Construction WBL		■									
Art, Audio, Video, Technology WBL		■									
Automotive Technology 1		■									
Automotive Technology 2		■									
Automotive Technology 3		■									
Automotive Technology 4		■									

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Baking and Pastry		■							■		
Banking Services											■
BMA WBL		■									
Building Construction Cluster 1		■								■	
Building Construction Cluster 2		■								■	
Building Construction Cluster 3		■								■	
Business Finance											■
Business Law 1		■							■		
Business Law 2		■									
Carpentry 1											■
Carpentry 2											■
Civil Engineering and Architecture-PLTW				■	■						
Clean Energy Systems 1-SREB	■										
Computer Forensics							■				■
Computer Programming 1	■			■						■	■
Computer Programming 2	■										■
Computer Programming with Java				■							
Computer Science Essentials-PLTW					■						■
Computer Science Principles-PLTW			■		■						

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Core Engineering 1	■										
Core Engineering 2	■										
Core Engineering 3	■										
Core Engineering 4	■										
Cosmetology 1		■									
Cosmetology 2		■									
Cosmetology 3		■									
Cosmetology 4		■									
Culinary Arts Management 1		■							■		
Culinary Arts Management 2		■									
Cyber Security Fundamentals	■										
Digital Art and Design 1		■									
Digital Art and Design 2		■									
Digital Art and Design 3		■									
Digital Art and Design 4		■									
Digital Electronics-PLTW		■									
Digital Media Marketing	■		■				■		■		
Digital Multimedia	■		■		■				■		
Digital Publication Design-*Required*			■	■	■	■					■

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Emergency Medical Services 1	█										█
Emergency Medical Services 2											█
Emergency Medical Services 3											█
Engineering Design and Development-PLTW		█									
Engineering WBL		█									
Entrepreneurship		█	█	█	█		█		█		
Environmental & Natural Resources				█			█				
Environmental Sustainability-PLTW		█									
Equine Science			█								
Esthetics 1		█									
Esthetics 2		█									
Esthetics 3		█									
Esthetics 4		█									
Family and Consumer Sciences 1			█								█
Family and Consumer Sciences 2											█
Farm Animal Production					█						
Fashion Marketing										█	
Fashion, Fabric, and Design 1											█
Fashion, Fabric, and Design 2											█

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Firefighter 1		■									
Firefighter 2		■									
Foods and Nutrition 1			■						■	■	■
Foods and Nutrition 2			■							■	
Forestry Management											
Foundations of Animation			■	■							■
Fund Bus. Marketing Finance											
Fund-Webpage Design/ Development			■		■	■					
Fundamentals of Aerospace Technology-SREB	■										
Fundamentals of Computing	■	■		■	■	■	■	■	■	■	■
Fundamentals of Web Design & Development	■			■	■	■	■	■	■	■	■
Game Design and Development				■	■	■	■			■	■
GIS Technology 1	■										
Global Business											■
Golf Course Technology										■	
Google Applications		■			■						
Health Science 1	■				■		■	■		■	■
Health Science 2	■	■					■	■			■
Health Science 3	■	■					■	■			■
Health Science Clinical Study	■	■									

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Health Science Clinical Study	X	X									
Health Science WBL								X			X
Hospitality and Tourism WBL		X									
Human Body Systems -PLTW				X							
Image Editing 1	X		X	X	X	X					X
Image Editing 2	X										
Integrated Business Apps 1											X
Integrated Business Apps 2											X
Intro to Engineering Design-PLTW		X		X	X	X		X	X		
Introduction to Culinary Management		X							X		
Introduction to Engineering	X										
Introduction to Horticulture				X		X				X	
Introduction to Veterinary Science			X		X						
Landscape Technology						X				X	
Legal Systems Appl. 1		X									
Marketing		X	X	X			X		X	X	X
Marketing WBL									X		
Mechanical Design 1 (6172)											X
Mechanical Design 2 (6173)											X

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Media Technology 1	■										
Media Technology 2	■										
Media Technology 3	■										
Media Technology 4	■										
Medical Interventions-PLTW				NEW							
Medical Terminology	■	■			■		■	■			■
Merchandising										■	
Networking Fundamentals 1	■										
Nursery, Greenhouse, and GC Tech				■		■					
Outdoor Recreation			■	■			■				
Personal Finance								■			■
Pharmacology for Medical Centers					■						
PLTW Cybersecurity				NEW							
Principals of Engineering-PLTW		■		■	■						
Principles of Biomedical Science-PLTW				■	■		■			■	
Small Animal Care				■							
Social Media in Business							■	■			
Soils and Soilless Research						■					

STEM/CTE Courses by School

CTE Course	AAST	ATA	AH	CFH	CH	GSFH	LH	MBH	NMBH	SH	SJH
Sports & Entertainment Marketing										☑	
Sports and Entertainment Management (5426)										☑	
Sports Med WBL								☑			☑
Sports Medicine 1					☑			☑		☑	☑
Sports Medicine 2								☑		☑	
Sports Medicine 3								☑			
Sports Turf Management					☑		☑				
The Nature of Science and Technology-SREB	NEW										
Transp. Dist. Log. WBL		☑									
Turf and Lawn Management				☑	☑	☑	☑			☑	
Virtual Enterprise 1		☑		☑			☑				☑
Virtual Enterprise 2				☑			☑				
Virtual Enterprise 3				☑			☑				☑
Virtual Enterprise 4				☑			☑				
Wildlife Management			☑	☑			☑				