



The Advanced Studies Academy of Technology, Engineering & Art @Silver Bluff High School



Silver Bluff opened in the fall of 1981 and has a rich tradition of academic excellence. We operate on a traditional seven-period day. In the Academy, we offer a rigorous course of study in Advanced Placement, Career and Technology Education (CATE), Art and Project Lead the Way, Engineering. SBHS students are also able to take Dual Enrollment courses through Aiken Technical College and USC Aiken. Currently, 71% of students take CATE courses and 12.7% attend classes at the Aiken County Career & Technology



DIVERSE demographics

47.1% Caucasian
39.1 % African American
8.6% Hispanic
4.2% Two or More Races
*61.6% Free or Reduced Lunch

654
Students

71% enrolled in **Career & Technology Courses**

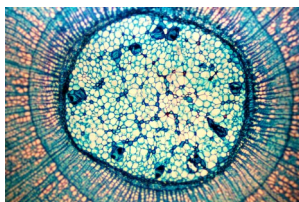
FUTURE-READY

CENTRALLY LOCATED BETWEEN

SAVANNAH RIVER SITE

AND

**THE US ARMY CYBER COMMAND CENTER
AT FORT GORDON**



The SBHS Advanced Studies Academy of Technology, Engineering and Art will provide students meaningful and advanced learning opportunities in order to prepare them for the careers of today, tomorrow and beyond.

Our goal is to offer students the opportunity to excel academically in the areas of **Technology, Engineering, and the Arts** by providing instruction that will excite and interest students of all backgrounds and by making connections with area business and industry professionals who can enhance the educational experience for our students. These experiences rich in technology, engineering and arts curriculum, coupled with the National Math & Science Initiative's College Readiness Program for advanced placement courses will ensure that our students are ready for the career or field of study of their choice.

As our academy grows, we value the partnerships we have with stakeholders such as Centerra, The Savannah River Site, US Forestry Service, US Army Cyber Command, Aiken Technical College, USC Aiken, MTU, Peach State Bank, Beech Island Timber and other key partners to offer student internships, work-study employment opportunities, job shadowing and other experiences.



WE RECOGNIZE THE IMPORTANCE AND VALUE THAT TECHNOLOGY, ENGINEERING, AND THE ARTS PLAY IN OUR LIVES. CHOOSING TO FOCUS AND EXPAND OUR CURRICULUM IN THESE AREAS OPENS UP LEARNING THAT IS EXTREMELY ENGAGING. IT NOT ONLY HAS THE POTENTIAL TO MOTIVATE OUR STUDENTS TO REACH THEIR GOALS, BUT TO INCREASE THEIR DESIRE TO LEARN ABOUT NEW TOPICS. THIS MODEL OF IMPLEMENTATION HAS THE POTENTIAL TO AFFECT ALL STUDENTS AT SILVER BLUFF, NOT JUST THOSE ON OUR MOST ADVANCED ACADEMIC TRACKS.

Academy Courses and Programs

Technology

Fundamentals of Computing IT Fundamentals
Computer Programming
AP Computer Science Principles

Project Lead The Way—Engineering

Intro to Engineering Design
Principles of Engineering
Civil Engineering (fall 2019 or 2020)

Advanced Placement (* Denotes NMSI courses)

English Language*	English Literature*	Art History	Human Geography	European History
US Government	US History	Economics	Statistics*	Calculus AB*
Biology*	Physics*	Chemistry*	Environmental Studies*	
Psychology	Spanish Language	Art Studio 2D & 3D (2020)		

Art Courses

Band 1, 2, 3 4 Percussion Guitar Theater Art 1, 2, 3

ESTIMATED ANNUAL COST

Project Lead the Way

Equipment/Supplies/Professional Development	\$25,000 - \$44,000
Annual Participation Fees	\$3,000
Teacher Allocation	1.0 FTE

Technology

Equipment/Supplies/Professional Development	\$1500
Teacher Allocation	1.2 FTE

Art

Equipment/Supplies/Professional Development	\$1500
Teacher Allocation	1.2 FTE

Advanced Placement

NMSI College Readiness Program	\$25,000 (Grant Funded)
Teacher Allocations	3.8 FTE



LEADING the WAY to an

ORIGINAL, IMMERSIVE EXPERIENCE in Advanced Studies,
TECHNOLOGY, Engineering and ARTS at a
CENTER OF ACADEMIC EXCELLENCE with
TRADITION-PRIDE-EXCELLENCE