



BERGEN COUNTY ACADEMIES

CLASS OF 2026 PROFILE

**ONE CEEB
310118**

ABOUT US

1142
STUDENTS



70
TOWNS

21%
ACCEPTANCE
RATE



**EXTENDED
SCHOOL DAY**
8:00-4:10PM

20 BEST PUBLIC HIGH SCHOOL
IN AMERICA 2025



STUDENTS ENROLLING
IN 4-YEAR COLLEGES

99.8%

**NJ DEPT OF ED
MODEL SCHOOL
IN THE ARTS**



2

**U.S. PATENTS
BASED ON
IN-HOUSE
RESEARCH**



12

**REGENERON/INTEL
NATIONAL FINALISTS
SINCE 2010**

ONE SCHOOL, SEVEN ACADEMIES

- Academy for the Advancement of Science & Technology (AAST)
- Academy for Business and Finance (ABF)
- Academy for Culinary Arts & Hospitality Administration (ACAHA)
- Academy for Engineering & Design Technology (AEDT)
- Academy for Medical Science Technology (AMST)
- Academy for Technology & Computer Science (ATCS)
- Academy for Visual & Performing Arts (AVPA)

SENIOR CLASS STATS



270
SENIORS

31 AVERAGE
ACT

NATIONAL MERIT
SEMIFINALISTS **36**

1465 AVERAGE
SAT
723 EBRW
742 MATH

119

CLUBS AND
ORGANIZATIONS

16 SPORTS
OFFERED



CONTACT US

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COUNSELING TEAM

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WHAT MAKES US SPECIAL?

RESEARCH



A particularly significant aspect of our research program is that the students select the scientific question that they will be studying and do not receive preliminary data for their projects. The labs at BCA are functional, professional entities not normally found in a high school setting. They include agriscience, mechatronics, optics, nanotechnology, cell/molecular biology (including Next Generation Sequencing and label-free live cell imaging), nano-structural imaging (including a Scanning Electron Microscope (SEM) and Transmission Electron Microscope (TEM)), a coral research facility, a Financial Markets Lab (equipped with Bloomberg terminals), and a variety of other research opportunities. Our research program has produced four Presidential Scholars, twelve Regeneron STS Finalists (four in the Top Ten, including First Place), over 100 Regeneron STS Scholars, multiple Davidson Fellows, several ISEF "Best in Category", numerous publications in peer reviewed journals, a participant in the White House Science Fair, and two patents-the result of original student research.

PROJECTS



During their first three years at the Academies, students will spend two hours every Wednesday working on an interdisciplinary project. Students have the opportunity to choose a different project each trimester.

SENIOR INTERNSHIP



All of our seniors devote Wednesdays to a yearlong individualized internship called Senior Experience. Seniors receive nine academic credits for this supervised graduation requirement. Over 150 employers offer experiential learning opportunities in research centers, hospitals, universities, non-profit organizations, government agencies, major corporations and small businesses in the NY/NJ metropolitan area.

GLOBAL STUDIES



BCA offers an increasingly expanding array of opportunities to participate in international programs with partner schools across the world. Students often collaborate on research projects in advance. Recent destinations include Denmark, Greece, Japan, Singapore, Switzerland, United Arab Emirates and the UK.

ELECTIVES



BCA students enrich their education and pursue their interests by selecting from an array of electives in art, humanities, math, research, science, and technology. Students can choose from over eighty elective courses in visual, performing, and culinary arts, music, physics, engineering and robotics, computer science, psychology, business, the study of languages and cultures, agricultural science, biology, and chemistry.

ACADEMIC INFORMATION

GRADING

- Starting in 2024-25 GPA is calculated on a new equivalency scale (see inset)
- Courses taken prior to 2023-24 are included in GPA using the old scale
- Most courses are trimester-based but select courses are semester-based
- Students are NOT RANKED
- GPA's are calculated YEARLY based on final grades attained in each course
- GPA is unweighted and includes academic courses only
- 4.0 is the highest possible GPA
- D- is the lowest passing grade

Grade	Up to 23-24	24-25 & Beyond
A	4	4
A-	3.8	3.667
B+	3.33	3.333
B	3	3
B-	2.8	2.667
C+	2.33	2.333
C	2	2
C-	1.8	1.667
D+	1.33	1.33
D	1	1
D-	N/A	0.667
F	0	0

COURSES

- All academic courses taught at the honors level or above
- All Academies far exceed NJ State graduation requirements
- Only ABF, ACAHA, and AEDT students are eligible for the full IB Diploma
- Due to scope and sequence, students in some Academies may not be able to take the "Post AP/IB Courses" listed
- 40 hour community service requirement (over 4 years)

AP COURSES

AP Art History
AP Biology
AP Calculus AB, BC
AP Chemistry
AP Computer Science A
AP Government
AP Macroeconomics

AP Microeconomics
AP Music Theory
AP Physics C
AP Psychology
AP Statistics
AP Studio Art

IB COURSES

IB Biology SL
IB Business Management SL
IB Computer Science SL
IB Economics HL
IB Environmental Systems SL
IB French SL, HL

IB History SL, HL
IB Literature / Language HL
IB Mandarin ab initio
IB Math SL, HL
IB Spanish SL, HL
IB World Literature HL

POST AP/IB COURSES

Advanced Math Topics
Advanced Music Theory
Advanced Topics in Chemistry
Advanced Topics in Physics
AP Calculus BC+

Algorithms & Data Structures
Linear Algebra/Diff Equation
Multivariable Calculus
Organic Chemistry I/II/III

ACADEMY INFORMATION

AAST-SCIENCE

AAST students take multiple years of biology, chemistry and physics while completing studies in chemical engineering, organic chemistry and modern physics. Graduates from AAST are prepared to continue studies across a wide range of scientific disciplines. AP Chemistry is a requirement of the program. Throughout the curriculum, students are encouraged to find original answers to modern research challenges using the state-of-the-art facilities available on campus.

ABF-BUSINESS

ABF students take business, finance, marketing, and economics classes as part of their core. Business principles are taught in multiple, high-level core courses which incorporate topics such as: the global business environment, management, marketing, finance, economics and entrepreneurship. ABF has incorporated an emphasis on a global perspective. The driving force behind this global component is the integration of the International Baccalaureate curriculum to an already rigorous course of study.

ACAHA-CULINARY ARTS AND HOSPITALITY

Students in the Academy for Culinary Arts and Hospitality Administration have a strong interest in culinary arts and restaurant/hospitality management. ACAHA Students are prepared for study in any area by an honors-level core curriculum, augmented by elective options in all facets of food preparation, facility management, customer service, and entrepreneurship. All students take IB Business Management and they may elect to participate in the IB Diploma program.

AEDT-ENGINEERING

AEDT students study courses in the engineering sciences, including design technology, computer science, manufacturing, electronics, and biomedical engineering. AEDT focuses on general engineering disciplines and prepares students for entrance into college engineering programs. Students in this academy have a concentration in engineering and design courses and focus on skills which are generally useful in any engineering curriculum. Projects include product development, civil or architectural designs, and robotic competitions.

AMST-MEDICINE

AMST students balance a rigorous science curriculum with scientific research to be best prepared for a future in the medical field. Students learn to design original scientific experiments and carry them out in a high school setting. In addition to advanced level science classes, students take specialized academy-specific courses such as Bioethics, Epidemiology, Pharmacology, Neuroscience, Biotechnology, Anatomy and Physiology, and Advanced Topics in Medicine.

ATCS-COMPUTER SCIENCE

ATCS students develop a strong foundational understanding of programming, computer architecture, data structures and algorithms, and program analysis. The program is oriented around underlying ideas that will never become obsolete, even as technologies change. Throughout their careers at BCA, students extend their skills in computing through projects and electives of their choice, often including processor design, web application development, robotics, computer security, and mechatronics. The Senior Capstone is a culmination in which the students work in groups to develop a product for a client.

AVPA-MUSIC

AVPA Music students have an outstanding ability in music and are some of the strongest musicians in their communities. Students learn woodwind, brass, string and percussion instruments. They study college-level music theory, which includes harmonic analysis, counterpoint, voice leading and ear training. Students also learn current technological and composition techniques in electronic music synthesis where they work with state-of-the-art software.

AVPA-THEATRE

AVPA Theatre students participate in a rigorous training program for students interested in pursuing a college major in theatre or film leading to a career in some aspect of the entertainment industry. Core courses include sequences in acting, dance, voice and speech, musical theatre, theatre history, theatrical design, dramatic writing, and directing. Students are introduced to a variety of methods most productive for their individual growth.

AVPA-VISUAL

AVPA Visual students study essential aspects of the visual arts through immersion in a curriculum that embraces new technologies, while emphasizing traditional skills and principles of art and design. The program allows students to pursue their passion in any one of a broad range of arts including graphic and web design, illustration, photography, animation/video, game design, package design, virtual reality, traditional/fine arts, and art history.



2022-2025

International