



BERGEN COUNTY ACADEMIES

CLASS OF 2025 PROFILE

ONE CEEB
310118

ABOUT US

1131 STUDENTS 

 70 TOWNS

19% ACCEPTANCE RATE 

 EXTENDED SCHOOL DAY 8:00-4:10PM

20 BEST PUBLIC HIGH SCHOOL IN AMERICA 2025



STUDENTS ENROLLING IN 4-YEAR COLLEGES

99.9%

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)

CLASS OF 2025 STATS

 272 SENIORS

33 AVERAGE ACT

NATIONAL MERIT SEMIFINALISTS 26

1472 AVERAGE SAT
726 EBRW
746 MATH

130+ 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 Financial Markets Lab (equipped with Bloomberg terminals), and a variety of other research opportunities. Our research program has produced three Presidential Scholars, twelve Regeneron STS Finalists (four in the Top Ten), 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 a patent-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, Israel, Singapore, 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 are taught at the honors level or above
- All Academy programs far exceed NJ State graduation requirements
- 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 Microeconomics |
| AP Biology | AP Music Theory |
| AP Calculus AB, BC | AP Physics C |
| AP Chemistry | AP Psychology |
| AP Computer Science A | AP Statistics |
| AP Government | AP Studio Art |
| AP Macroeconomics | |

IB COURSES

- | | |
|-----------------------------|-----------------------------|
| IB Business Management SL | IB Literature / Language HL |
| IB Computer Science SL | IB Mandarin ab initio, SL |
| IB Economics HL | IB Math SL, HL |
| IB Environmental Systems SL | IB Spanish SL, HL |
| IB French SL, HL | IB World Literature HL |
| IB History HL, SL | |

POST AP/IB COURSES

- | | |
|------------------------------|------------------------------|
| Advanced Math Topics | Algorithms & Data Structures |
| Advanced Music Theory | Linear Algebra/Diff Equation |
| Advanced Topics in Chemistry | Multivariable Calculus |
| AP Calculus BC+ | 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 Introduction to Surgical Techniques.

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.



COLLEGE ENROLLMENTS 2021-2024

Amherst College	2	Montserrat College of Art	1	University of California-Santa Cruz	2
Babson College	3	Muhlenberg College	5	University of Central Florida	1
Barnard College	8	Nebraska Wesleyan University	1	University of Chicago	7
Bergen Community College	3	New Jersey Institute of Technology	34	University of Colorado Boulder	2
Binghamton University	4	New York Institute of Technology	2	University of Connecticut	6
Boston College	7	New York University	39	University of Florida	5
Boston Conservatory at Berklee	1	North Carolina State University	2	University of Georgia	2
Boston University	20	Northeastern University	32	University of Illinois	4
Bowdoin College	1	Northwestern University	9	University of Iowa	1
Brandeis University	3	Nova Southeastern University	1	University of Maryland	17
Brown University	6	Oberlin College	1	University of Massachusetts-Amherst	8
Bryn Mawr College	1	Ohio State University	5	University of Miami	9
Bucknell University	2	Oklahoma City University	2	University of Michigan	20
California Institute of Technology	2	Pace University	1	University of Missouri-Columbia	1
California Institute of the Arts	2	Pennsylvania State University	9	University of North Carolina	5
Carnegie Mellon University	19	Point Park University	1	University of Notre Dame	6
Case Western Reserve University	13	Pomona College	1	University of Pennsylvania	19
Champlain College	1	Pratt Institute	2	University of Pittsburgh	6
Chapman University	1	Princeton University	10	University of Rhode Island	2
Clark Atlanta University	1	Purdue University	18	University of Richmond	1
Colby College	2	Ramapo College of New Jersey	6	University of Rochester	7
Colgate University	1	Reed College	1	University of South Carolina	2
College of the Holy Cross	1	Rensselaer Polytechnic Institute	16	University of South Florida	1
Colorado School of Mines	1	Rhode Island School of Design	8	University of Southern California	12
Columbia University	12	Rhodes College	1	University of Vermont	1
Cooper Union	5	Rice University	6	University of Virginia	3
Cornell University	53	Rider University	2	University of Wisconsin-Madison	4
Culinary Institute of America	1	Ringling College of Art and Design	1	Vanderbilt University	10
CUNY Brooklyn	2	Rochester Institute of Technology	5	Vassar College	2
CUNY John Jay	1	Rowan University	5	Villanova University	6
Dartmouth College	5	Rutgers University-New Brunswick	157	Virginia Tech	3
DePaul University	1	Rutgers University-Newark	6	Wagner College	1
Drexel University	5	San Diego State University	1	Washington and Lee University	1
Duke University	10	School of Visual Arts	1	Washington University in St Louis	10
Eckerd College	1	Seton Hall University	6	Wellesley College	4
Elon University	3	Siena College	1	Wentworth Institute of Technology	1
Embry-Riddle University	1	Skidmore College	2	Wesleyan University	1
Emerson College	3	Smith College	1	Wheaton College	1
Emory University	9	South Dakota School of Mines & Tech	1	William & Mary	2
Emory University-Oxford College	1	Southern Methodist University	1	William Paterson University	1
Fairleigh Dickinson University	2	St. John's University-New York	1	Williams College	1
Fashion Institute of Technology	1	Stanford University	5	Worcester Polytechnic Institute	5
Florida Institute of Technology	1	Stevens Institute of Technology	33	Yale University	6
Florida State University	2	Stony Brook University	1		
Fordham University	10	Susquehanna University	1		
Georgetown University	14	Swarthmore College	3		
Georgia Institute of Technology	8	Temple University	1	International	
Grinnell College	2	The Catholic University of America	1	Bocconi University	2
Harvard University	20	The College of New Jersey	5	City University of London	1
Hofstra University	3	The George Washington University	11	Durham University	2
Howard University	2	The Juilliard School	3	Erasmus University Rotterdam	1
Indiana University-Bloomington	1	The New School	3	IE University - Madrid	1
Ithaca College	2	The Sophie Davis School of Biomed	1	International University in Geneva	1
Johns Hopkins University	5	The University of Texas at Austin	12	King's College London	1
Johnson & Wales University	1	Tufts University	9	McGill University	4
Kean University	2	Tulane University	4	University College London	1
King's College	1	Union College	3	University of Amsterdam	1
Lafayette College	1	United States Military Academy	3	University of Oxford	2
Lehigh University	2	University at Buffalo	1	University of St Andrews	1
Liberty University	1	University of Arizona	2	University of the Arts London	1
Marist College	1	University of California-Berkeley	3	University of Tokyo - PEAK	1
Massachusetts Institute of Tech	20	University of California-Davis	1	University of Toronto	1
Miami University-Oxford	1	University of California-Irvine	2	University of ULster	1
Middlebury College	1	University of California-Los Angeles	3	University of Waterloo	2
Montclair State University	8	University of California-San Diego	3		