BERGEN COUNTY TECHNICAL HIGH SCHOOL
TETERBORO CAMPUS

A Public Magnet High School of Choice

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PROGRAM DESCRIPTIONS & GENERAL INFORMATION
FOR SCHOOL YEAR 2015–2016
# Table of Contents

**Teterboro at a Glance** ............................................................................................................... 3

**Core Academics** ...................................................................................................................... 4

**Academic Excellence** ............................................................................................................... 6

**Technical Programs**

- Aerospace Engineering ...................................................................................................... 8
- Automotive Engineering & Design ..................................................................................... 9
- Commercial Art & Graphic Design .................................................................................. 10
- Computer Science ............................................................................................................ 10
- Culinology* .................................................................................................................... 11
- Digital & Media Arts ........................................................................................................ 11
- Fashion Design & Merchandising .................................................................................... 12
- Law & Justice .................................................................................................................... 12
- Strategic Asset Management ........................................................................................... 13

**Clubs and Activities** ........................................................................................................... 14

**School Counseling** ........................................................................................................... 14

**Knights Athletics** ................................................................................................................ 15

**Senior Experience** .............................................................................................................. 16

**Frequently Asked Questions** ............................................................................................. 16

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The Bergen County Technical School District does not discriminate on the basis of race, age, creed, religion, ancestry, national origin, socioeconomic status, affectational or sexual orientation, gender, disability, or marital status.
A model of excellence and reform in the 21st century, the Bergen County Technical High School/Teterboro is located within ten miles of New York City. Prospective students from seventy (70) towns in Bergen County are selected through a rigorous admissions process that evaluates middle school grades, standardized test scores, teacher recommendations, and assessments in writing and math. The school’s current enrollment is 671 students who mirror the diversity of Bergen County: 45% Caucasian, 55% non-Caucasian spread across Asian, Hispanic, African-American, Pacific Islander, American Indian, or other.

The school’s college preparatory curriculum provides a broad scope of knowledge in science, mathematics, social studies, language arts, world language, and the creative arts. Selecting from nine majors—Aerospace Engineering, Law & Justice, Culinology®, Automotive Engineering & Design, Fashion Design & Manufacturing, Strategic Asset Management, Computer Science, Commercial Art & Graphic Design, and Digital & Media Arts—students follow a coherent scope and sequence of courses that are Advanced Placement, Honors, or College Level. Aligned to New Jersey Core Curriculum Content Standards, Common Core, and partnering universities, students are well prepared for college and beyond.

Recent accolades include:

- BCTHS/Teterboro was selected for 2013–2015 as an Apple Distinguished Program. The school has been recognized by Apple as providing an exemplary learning environment for innovation, leadership, and educational excellence.

- U.S. Department of Education’s 2012 National Blue Ribbon High Performing School of Excellence—As an exemplary High Performing School, BCTHS/Teterboro has consistently ranked among New Jersey’s highest performing schools as measured by state assessments in both reading (English language arts) and mathematics over the last five years tested. According to U.S. Secretary of Education Arne Duncan, “Schools honored with the National Blue Ribbon Schools award are committed to accelerating student achievement and preparing students for success in college and careers. Their work reflects the conviction that every child has promise and that education is the surest pathway to a strong, secure future.”

“We cannot build the future for our youth—but we can build our youth for the future.”

–Franklin Delano Roosevelt

**MATHEMATICS**

The evolving field and discipline of mathematics requires complex problem solvers who can devise creative and alternative solutions. The goal is to foster individuals who understand concepts rather than rote memorization of formulas. With this in mind, heavy emphasis is placed on the development of critical thinking in the classroom that allows students to translate these skills to other facets of their lives. As life-long learners, mathematics faculty members are committed to continued professional growth, embracing change, self-reflection, and meeting the needs of the students and community at large. As a result, the department has shown continued success throughout all courses. A majority of our students take at least one Advanced Placement (AP) course in mathematics. Students who successfully pass the BC Calculus exam are not only able to gain credit for two semesters of college calculus, but may also take MAT 397 Calculus III, which is an accredited course through Syracuse University.

**LANGUAGE ARTS**

To thrive in colleges, universities, and beyond, students must be adequately prepared as literate persons. They must readily undertake the close, attentive reading that is at the heart of understanding and enjoying complex works of literature. Faculty use a literature-based curriculum that emphasizes the development and mastery of reading, writing, and critical thinking skills. Students are exposed to classical, modern, and contemporary texts that challenge them to analyze literature and culture from multiple perspectives. Students perform the critical reading necessary to pick carefully through the staggering amount of information available today in print and digital format. They actively seek the wide, deep, and thoughtful engagement with high-quality literary and informational texts that builds knowledge, enlarges experience, and broadens worldviews. They demonstrate the cogent reasoning and use of evidence that is essential to both private deliberation and responsible citizenship in a democratic republic. Students strive to develop the skills in reading, writing, speaking, and listening that are the foundation for any creative and purposeful expression in language.

**SOCIAL STUDIES**

The digital age has transformed social studies education, allowing 21st-century learners to transcend the limits of time and place and experience historic events virtually. By expanding their learning networks through online collaboration with experts and other students from around the world, social studies students develop an increased depth of understanding of our global society. At the same time, their understanding of the fundamental principles and values of American democracy and citizenship provides the conceptual framework that allows them to make informed decisions about local, national, and international issues and challenges.

The mission of the BCTHS-Teterboro Social Studies Department is to foster a student body that:

- Is civic minded, globally aware, and socially responsible.
- Exemplifies fundamental values of American citizenship through participation in local and global communities.
- Makes informed decisions about local, state, national, and global events based on inquiry and analysis.
- Considers multiple perspectives, values diversity, and promotes cultural understanding.
- Appreciates the global dynamics between people, places, and resources.
- Utilizes emerging technologies to communicate and collaborate with citizens of other world regions.

Students who excel and are interested in humanities studies may take the following advanced courses: AP U.S. History, AP U.S. Government, Global Challenge (accredited through Fairleigh Dickinson University), and Sociology (accredited through Syracuse University).
SCIENCE

Utilizing a “physics first” approach in the core scope and sequence, students learn in a manner that is a re-sequencing of traditional high school science courses. It is the belief of the science department that mastery of basic physics concepts is crucial to the understanding of chemical structures. Furthermore, in order to understand modern molecular biology and biochemical processes in cells, students need a solid background in both physics and chemistry.

Scientific literacy assumes an increasingly important role in the context of globalization. The rapid pace of technological advances, access to an unprecedented wealth of information, and the pervasive impact of science and technology on day-to-day living require a depth of understanding that can be enhanced through quality education. In the 21st century, science education focuses on the practices of science that lead to a greater understanding of the growing body of knowledge that is required in an ever-changing world.

Students are required to apply scientific thinking to problems on all levels. Hands-on investigations are essential in the education of science processes and methodologies. All core and some Advanced Placement courses include a laboratory component; meaningful learning experiences that promote the ability to ask, find, or determine answers to questions derived from natural curiosity about everyday things and occurrences. Most importantly, students are empowered to evaluate claims on the basis of evidence and explore connections between science and modern society. In fact, many of our students partake in research projects and competitions beyond the scope of the classroom.

PHYSICAL EDUCATION/HEALTH

To promote a healthy mind and body, students are given opportunities to engage in frequent and diverse activities necessary to support and build a healthy lifestyle. At the core of their instruction, faculty members emphasize and promote teamwork, respect, and responsibility. More importantly, authentic learning extends far beyond the boundaries of the gym or playing fields. The curriculum is designed to motivate individuals. Our program is coeducational and offers a wide variety of activities.

The physical education program has been designed to enhance our students’ ability to lead healthy and productive lives through participation in fitness-related activities. Our program provides an appropriate setting for students to develop the physical, social, and cognitive skills necessary to acquire healthy habits and enjoy lifelong fitness. PE courses are mandated by the State of New Jersey; all students must complete four years of PE to graduate.

The health education program affords learning opportunities that motivate and educate students to protect, maintain, and improve their own health and that of others. Topics such as disease prevention and treatment, human growth and development, substance abuse prevention, mental health, and cardiopulmonary resuscitation (CPR) are all examined.

WORLD LANGUAGES

Today’s students are part of a dynamic, interconnected, and technologically-driven global society centered on the creation and communication of knowledge and ideas across geographical, cultural, and linguistic borders. Individuals who effectively communicate in more than one language, with an appropriate understanding of cultural contexts, are globally literate. This global literacy brings about long-term worth in fostering personal, work-related, and/or financial success in our increasingly interconnected world.

At Bergen County Technical High School/Teterboro, students develop proficiencies in listening, speaking, reading, and writing throughout their coursework, enabling them to communicate in more than one language with the skill level required to function in a variety of occupations and careers. Knowledge of several languages empowers individuals by opening economic and social opportunities, and promotes tolerance and diversity as well as solidarity. Language acquisition allows us to bridge cultural barriers, promotes ways of interpreting our diverse world, and stimulates intellectual curiosity. French, Mandarin, and Spanish are currently offered.
A strong curricular foundation underlies the specialized academic and technical programs that prepare our students for success in and beyond college. All courses are aligned to New Jersey Core Curriculum Content Standards, Common Core Standards, specifications determined by the College Board in Advance Placement classes, and industry standards. Academic course work is at the Honors or Advanced Placement Level. In 2013-2014, 626 AP exams were administered in a school of 649 students.

### Advanced Placement Courses

- AP Studio Art
- AP Chemistry
- AP Microeconomics
- AP History II
- AP Biology
- AP Environmental Science
- AP Macroeconomics
- AP Statistics
- AP Calculus AB
- AP English Language
- AP Physics I (formerly AB)
- AP U.S. Government
- AP Calculus BC
- AP English Literature
- AP Physics C Electricity
- AP Physics C Magnetism

### Class of 2014 AP Score Distribution

<table>
<thead>
<tr>
<th>SCORE</th>
<th># OF EXAMS</th>
<th>% OF EXAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>148</td>
<td>23</td>
</tr>
<tr>
<td>4</td>
<td>185</td>
<td>29</td>
</tr>
<tr>
<td>3</td>
<td>173</td>
<td>27</td>
</tr>
<tr>
<td>2</td>
<td>99</td>
<td>15</td>
</tr>
<tr>
<td>1</td>
<td>38</td>
<td>6</td>
</tr>
</tbody>
</table>

Over their four-year career, the 149 students in the Class of 2014 took a total of 645 Advanced Placement exams. On average, each student took 4.2 exams.

### Class of 2014 GPA Breakdown

<table>
<thead>
<tr>
<th>SCORE</th>
<th># OF STUDENTS</th>
<th>% OF CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3-4.0</td>
<td>26</td>
<td>18</td>
</tr>
<tr>
<td>3.99-3.7</td>
<td>53</td>
<td>35</td>
</tr>
<tr>
<td>3.69-3.5</td>
<td>30</td>
<td>20</td>
</tr>
<tr>
<td>3.49-3.3</td>
<td>21</td>
<td>14</td>
</tr>
<tr>
<td>3.29-3.0</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>2.99-2.1</td>
<td>9</td>
<td>6</td>
</tr>
</tbody>
</table>

The average GPA for the Class of 2014 was 3.67.
EXCELLENCE

GPA and Class Rank

Due to the selectivity of the admissions process, students are NOT RANKED. Grade point averages are calculated yearly based on the final grade attained in each course. Each marking period, students who achieve an “A” in each course are named to the High Honor Roll, the school’s highest academic honor.

Class of 2014 SAT Test Scores

<table>
<thead>
<tr>
<th>SECTION</th>
<th>TETERBORO</th>
<th>NEW JERSEY</th>
<th>NATIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical Reading</td>
<td>586</td>
<td>501</td>
<td>497</td>
</tr>
<tr>
<td>Math</td>
<td>624</td>
<td>523</td>
<td>513</td>
</tr>
<tr>
<td>Writing</td>
<td>600</td>
<td>502</td>
<td>487</td>
</tr>
</tbody>
</table>

Graduation Requirements

- Community Service: 60 Hours
- Science: Eighteen Credits
- Mathematics: Fifteen Credits
- Visual & Performing Arts: Five Credits
- Senior Internship: Five Credits *

<table>
<thead>
<tr>
<th>Language Arts: Twenty Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Language: Ten Credits</td>
</tr>
<tr>
<td>Financial Literacy: Two-and-One-Half Credits</td>
</tr>
<tr>
<td>Social Studies: Fifteen Credits</td>
</tr>
<tr>
<td>Physical Education: Fifteen Credits</td>
</tr>
</tbody>
</table>

All students graduate with over 160 credits, exceeding New Jersey state requirements by 125 credits.

*Senior Internships: All seniors devote each Wednesday to a year-long individualized Senior Experience internship program, which is a Board of Education-approved graduation requirement.

College Acceptances: Five-Year Trend

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOP 50 COLLEGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009/2010</td>
<td>14%</td>
</tr>
<tr>
<td>2010/2011</td>
<td>22%</td>
</tr>
<tr>
<td>2011/2012</td>
<td>22%</td>
</tr>
<tr>
<td>2012/2013</td>
<td>25%</td>
</tr>
<tr>
<td>2013/2014</td>
<td>33%</td>
</tr>
</tbody>
</table>
Program Descriptions

Aerospace Engineering

“A new century has begun. As a student you will be spending your life in the 21st century and the future may offer many unpredictable opportunities. It will be a time of space stations and robotic probes. Manned missions to other planets and moon outposts are future possibilities. All this, and more scientific accomplishments that have not been dreamed of, will happen because Americans want to live and work in space.”

—NASA

The roots of aerospace engineering can be traced back to the aviation pioneers, Orville and Wilbur Wright’s, successful flight of the Wright Flyer in 1903 at Kitty Hawk, North Carolina. Since those early days, the field has grown exponentially; both scientifically and technologically. Aerospace Engineering is the primary branch of engineering concerned with the research, design, development, construction, testing, science, and technology of aircraft and spacecraft. More specifically, aerospace engineers develop new technologies for use in aviation, defense systems, and space exploration, often specializing in areas such as structural design, guidance, navigation and control, instrumentation and communication, and production methods. They also may specialize in a particular type of aerospace product such as commercial aircraft, military fighter jets, helicopters, spacecraft, or missiles and rockets.

Beginning with the Class of 2018, BCTHS/Teterboro is proud to offer students the opportunity to pursue studies in Aerospace Engineering; a field that requires solving problems that may not be fully defined, but, in spite of this, require imaginative and sophisticated solutions!

Some of the elements of aerospace engineering are:

- Aerodynamics
- Aircraft Structures
- Avionics
- Astrodynamics
- Control Engineering
- Electrotechnology
- Engineering Mechanics
- Flight Mechanics
- Flight Simulation
- Fluid Mechanics
- Guidance/Control Systems
- Materials Science
- Mathematics
- Propulsion
- Solid Mechanics

Upon completion of the program, a graduate will have taken substantial coursework in Computer Assisted Design (CAD), advanced placement mathematics, and advanced placement science.

Students in the Aerospace Engineering Program utilize state-of-the-art training equipment such as a flight simulator and a wind tunnel that can monitor objects for lift and drag while students accurately control actual wind speed.
AED is a competency-based instructional program that emphasizes the development of automotive technicians who are trained for the demands of today’s sophisticated automotive repair, engineering, and lab environments. Unlike most traditional automotive programs, AED offers students the opportunity to work with Computer-Assisted Design (CAD) technology in a state-of-the-art lab. Students are able to utilize the 3-D printer, wind & solar trainers, hybrid technology, and computers equipped with CAD. The structure of the program emphasizes both theory and opportunity for engagement in a live work process. Students are tracked through a series of proficiencies and projects that support the A.S.E.- and Project Lead the Way-approved curricula.

The AED program is unique in that it offers opportunities for discovery in automotive fundamentals, automotive design, engineering, performance, diagnostics & repair, clean air & alternative fuel technologies, and navigational systems. This program brings automotive students together with other technical disciplines, such as electronics, auto fabrication, pre-engineering, and welding. The Automotive Technology suite is equipped with state-of-the-art diagnostic technology. The service environments designed for production tied to specific competencies sequenced through the advancement of the automotive curriculum, current computer-driven diagnostic, and alignment and colorizing service environment is designed for production tied to specific competencies sequenced through the advancement of the automotive curriculum, computer-driven diagnostic, and alignment and colorizing technologies. With experience and with a background in college preparatory academics, students are well prepared for college acceptance, postsecondary technical school placement, or field employment. Students who meet all eligibility criteria become A.S.E. certified. Students may also earn college credit through the Project Lead the Way courses.

**CURRENT COURSES:**

- Systems Analysis I
- Introduction to Engineering Design
- Series Hybrids and Electric Vehicles
- Foundations of Automotive Technology
- Advanced Systems Analysis
- Digital Electronics
- Principles of Engineering
- Engine Performance
The Computer Science Program seeks to educate students with an understanding of real-world computing needs. Students develop their ability to address technical issues involving computing problems encountered in industry and government. The curriculum is aligned with the most recent trends in the field of computer science leaning toward mobile app development and cloud-based computing.

The program supports research in communications information, network theory, and programming. The department’s priorities focus on computer programming theory. Key topics include object-oriented programming and data structures. With emphases on both client- and server-side programming, research priorities include efficient design of a multitude of program types and their application to real problems.

**Current Courses**
- Intro to Object-Orientated Design
- Mobile App Development
- Programming
- CPS 155 Intro to Cybersecurity
- Networking I
- Cloud Computing/Financial Literacy
- Advanced Networking
- Intermediate Programming
- Advanced Programming
- ECS 102 Introduction to Computing

Commercial art, also referred to as graphic design, is the art of creative services. The program primarily focuses on areas such as design, communication, and marketing. The intention of the commercial art & graphic design program at BCTHS-Teterboro is that all students will have a depth of knowledge of fine arts, visualization and media. Students study essential aspects of the commercial art field through a curriculum that embraces new technology while emphasizes principles of art and design. Studio classes include graphic design, multimedia design, web design, and advertising and marketing.

Students engage in a real-world curriculum that is driven by high expectations, computer graphics instruction, and current graphic imaging technologies. A program requirement is the creation and maintenance of a portfolio that exhibits a high degree of creativity as well as technical proficiency. The school’s proximity to New York City gives students access to internships in hundreds of production houses that support the art and imaging needs of prestigious area businesses.

**Current Courses:**
- Foundations of Graphic Design through Art History
- Foundations of 2D Design & Drawing
- Graphic Design Studio I
- Graphic Design Studio II
- Professional Practice & Design
**Culinology®**

“The emerging discipline of blending the culinary arts and the science of food.”

The Culinology® program blends the science and technology of food production and preservation research with cooking and the culinary arts. BCTHS-Teterboro’s program was approved by the education committee of the Research Chefs Association, and is the first high school program of its kind in the United States. The school is furnished with the nation’s only Culinology® facility; a separate science laboratory to conduct food chemistry and food microbiology experiments is complemented by a state-of-the-art kitchen.

The program offers strong partnerships with corporations such as Pepsi and universities including Rutgers to provide a unique hands-on experience for students as they complete their course work. Students enrolled in the program who are interested in pursuing an undergraduate degree in the area of Culinology® will be better prepared for the science and technology curricula that they will have to master once they get into college. Culinology® graduates are prepared for careers in research and development of food products, new ways to store and manufacture foods, and new products that meet health and safety standards.

**Current Courses**

- Intro to Culinology®
- Culinary Essentials I
- Microbiology of Food
- Chemistry of Food
- Culinary Essentials II
- Nutrition Food and Health (UMDNJ)
- Advanced Culinology®

**Digital & Media Arts**

The Digital & Media Arts program integrates digital art, design, technology, and broadcasting. New innovations, breakthrough technologies, and changing consumer habits are redefining the digital media landscape. Students must be prepared to be creative leaders with the skills and knowledge to meet the design and communication challenges of the 21st century. Additionally, they must be broadly educated, articulate, scholarly, visually sophisticated, and capable of active participation in all phases of the design process. This program’s curriculum comprises a mix of traditional graphic design, interactive and web design, motion design, and video production.

With a specialization in this area of study, our students acquire strong critical thinking skills and aesthetic abilities while gaining an in-depth understanding of the strengths and weaknesses of various types of digital media and technologies. Classroom instruction and activities provide opportunities for students to augment their skills in digital animation, interactive multimedia, and other technical areas. Utilizing text, sound, graphics, animation, and video, the students are able to inform and entertain audiences.

Students graduating from the program will possess the technical competence required to create and maintain a website, transform scripts into video productions, edit program material using non-linear editing stations, work with multiple software programs to create still and motion graphics, and publish video to the web.

**Current Courses**

- Introduction to Digital Media
- Graphics & Web Production
- Animation & Web Production
- Advanced Digital Media
- Audio/Video & Broadcast Media I
- Audio/Video & Broadcast Media II
The Law & Justice program provides students an in-depth background in the foundation of laws, law practice, forensic science, criminology, and technical methods used today by various agencies to protect the public. Students will analyze the foundation of laws from common law to constitutional law, the American system of justice, court structures, and individual rights provided by the Constitution. Additionally, students will learn the art of debate.

Academic courses integrate technical writing methods to develop reports, legal briefs, summaries, and arguments utilized to present scientific evidence, legal defenses, and position documents. The program also offers courses in the history of various public safety agencies and the mathematical principles needed to solve the mechanics of an event.

Through partnerships with local, state, and county agencies, members of the Bar and the judicial system, and various specialists employed in judicial and public safety professions, students are exposed to a variety of immersive experiences in the theoretical, practical, and technical arts and sciences associated with law, criminal justice, and public safety. A student graduating from this program will be well prepared to continue her/his education at a university.

**Current Courses**

- Introduction to Law and Justice
- CHE 113 Forensic Science
- Senior Seminar in Law/Financial Literacy
- AP US Government & Politics
- Criminology
- Constitutional Law
- Senior Internship
- PAF 101 Intro to the Analysis of Public Policy

One of our faculty members was recognized as a 2012 Syracuse University Project Advance Teacher of the Year for exemplifying “…a commitment to innovative and effective real-world learning strategies” and “a determination to prepare students to be successful, engaged student citizens in high school and beyond…”

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**Fashion Design & Merchandising**

Giving form and function to clothing, Fashion Design & Merchandising expresses itself in the language of style, ever-changing in harmony with the attitudes of the time and fundamental human need. Utilizing high-end computer interfaces, students experiment with design concepts and patterns before turning ideas into fashion statements that continue to move the industry forward into new visual and practical territory.

At the core of the Fashion Design Program lies a fully-equipped design studio. Students weave their way from pattern making to the construction of finished garments as they study all aspects of fashion design and merchandising. An annual highlight is the program’s fashion show extravaganza presented by the Fashion Design students. This capstone event allows them to display the skills acquired throughout their high school career.

Students consistently receive local and national recognition for their creations, and actively participate in annual Skills USA conferences/competitions and community projects. With academic achievement and high performance in Fashion Design, graduates are well qualified for numerous entry-level positions, as well as entrance into world-renowned fashion design institutes, colleges, and universities.

**Current Courses**

- Foundations in Fashion Design
- Apparel Design I
- Apparel Design II
- Intro to Fashion Marketing
- Fashion Art & Design I
- Fashion Art & Design II

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Strategic Asset Management (S.A.M.) capitalizes on our proximity to New York City—the financial capital of the world. Students are prepared for a variety of careers in the financial services sector, including investment and commercial banking, brokerage, trading, and investment management. The program consists of a rigorous academic curriculum that engages students to learn sophisticated content. A “theory in action” approach teaches concepts in finance and economics through their impact on financial markets. Students focus on how companies create wealth as well as how investors evaluate risk and growth potential.

The program emphasizes the use of case study analysis. Students utilize mathematical reasoning in the assessment of risk factors. S.A.M. focuses on the development of skills that provide students the foundation required to enter and be successful at premier colleges.

**Current Courses**

- Entrepreneurship
- Strategy Formulation
- DCC 151 Intro to Financial Accounting
- Introduction to Business Management
- AP Macroeconomics
- AP Microeconomics
- Derivatives Trading
- Portfolio Management
For each student, a successful experience in high school is crucial to a solid foundation for future success. To that end, it is important to understand that success is predicated on meeting the needs of the whole student. With this in mind, BCTHS/Teterboro is proud to offer students a comprehensive school counseling program in Naviance, the web-based college readiness platform used by our school district. This program enables us to meet the development of the social, emotional, psychological, and educational aspects of each student. In addition, the school gives parents and students individual registration codes for Naviance/Family Connection early in freshman year. Students access to iPads and iMacs in the school’s Counseling Center to complete their respective Naviance program during their four years.

Our goal is to ensure that our students and families find this process to be informative, collaborative, and successful. Utilization of Naviance/Family Connection, along with student access to iPads and iMacs in the school’s Counseling Center, provides students the ability to complete their respective Naviance programs and be adequately prepared for college and beyond.

School Counseling through Naviance/Family Connection:
- Transition Survey
- Game Plan Survey
- Career Cluster Finder
- Study Skills Survey
- Learning Style Inventory
- Enrichment Program Search
- Career Interest Profiler
- Student Profile
- Intake Conference Worksheet
- Take PLAN, PSAT, SAT, SAT Subject Tests, ACT, AP
- SuperMatch College Search
- Completion of FAFA
- Scholarship Search
- Common Application
- Graduation Survey

Clubs/Activities
At BCTHS/Teterboro we offer students the chance to participate in numerous, diverse, and exciting extracurricular activities, including:

- Action is Magnanimous
- Battle of the Bands
- Chemistry Club
- BT Choral Ensemble
- Environmental Science Club
- FBLA
- Heroes & Cool Kids
- Interact Club
- Knights News
- Math Club
- Model UN
- National Honor Society
- Peer Leaders
- Physics Club
- Ski/Snowboard Club
- Sounds For Hope
- Student Council
- Technology
- TSA
- Yearbook
BERGEN TECH ATHLETICS

Students from Bergen County Technical Schools’ Hackensack, Paramus, and Teterboro campuses play together on the same sports teams.

Our teams compete in the Big North Conference and the NJTAC.

The athletic program is an integral part of the total educational process at Bergen County Technical High School District. Young people learn a great deal through their participation in interscholastic athletics. Determination, perseverance, sportsmanship, communication, and teamwork are some of the valuable attributes that can be attained through athletic participation. Athletics plays an important role in helping the individual student develop a positive self-concept as well as a healthy body. Athletic competition fosters school spirit and develops pride in the school and community for participants, students and spectators. Student-athletes will leave our athletic programs with the readiness to be active participants in today’s global community.

Through athletics we seek to provide a wholesome form of physical activity for as many students as possible. We will make every effort to offer our student-athletes the best in equipment, facilities, and coaching, in order to provide them with an enjoyable and rewarding athletic experience. While the reputation of our school and community is enhanced whenever its representatives excel, by far the greatest rewards and satisfactions are derived from the number of students who actually participate on our athletic teams.

We believe that the soul of our school can be reflected in what occurs before and after the normal academic day. This extension of the school day, whether it be in athletics, in the arts, or in clubs will set the tone for the school year. If we can keep students involved and concerned beyond the classroom, we are bound to have a more positive effect on them in the classroom. We are aware of the tremendous obligations we have as coaches and administrators to the student-athletes in our care. Parents entrust their children to us and we shall always strive to strengthen that bond.

SPORTS OFFERED

FALL
Football—Varsity, Sub-Varsity
Boys/Girls Soccer—Varsity, Junior Varsity, and Freshman
Boys/Girls Cross Country—Varsity
Girls Tennis—Varsity and Junior Varsity
Girls Volleyball—Varsity, Junior Varsity, and Freshman
Cheerleading

WINTER
Boys/Girls Basketball—Varsity, Junior Varsity, and Freshman
Boys/Girls Bowling
Boys/Girls Fencing
Boys/Girls Indoor Track
Cheerleading

SPRING
Baseball—Varsity, Junior Varsity, and Freshman
Softball—Varsity, Junior Varsity, and Freshman
Boys/Girls Golf
Girls Lacrosse—Varsity and Junior Varsity
Boys/Girls Track—Varsity
Boys Volleyball—Varsity and Junior Varsity

ACCOLADES 2013-2014

FALL: Girls Tennis: Big North Liberty Division Champions; Boys Soccer: NJTAC Tournament Champions, Big North Liberty Division Champion, NJSIAA State Sectional Finalist; Girls Cross Country: NJTAC County Champions.

WINTER: B.P.F.L. Boys Fencing League Champions.

SPRING: Girls Golf: Big North Tournament 2nd Place finish, Bergen County Championship 2nd Place finish, Winners North Jersey and Arcola Invitational Tournaments; Boys Tennis: Big North Liberty Division Champions.
Senior Experience

The Senior Experience internship is an interactive learning partnership through which students increase their knowledge and skills in a particular area of study while under the guidance of a mentor(s). The internship allows our students to team up with a variety of people within the community, and it allows businesses and corporations to invest in the future of their industry.

Senior Experience Internships in 2014 included:
- 201 Marketing and Media in Oradell
- Advanced Pediatrics Group in Hackensack
- Bergen County Justice Center
- Bergen Early Learning Alliance
- BMW of North America, LLC
- Brogan Cadillac Buick in Ridgewood
- Cardio Med Services LLC in Union City
- Cliffside Park Middle School
- City College of New York
- County Seat Community Newspaper
- Creamer Sanzari, A Joint Venture
- Difeo BMW in Tenafly
- Habitat for Humanity of Bergen County
- Hackensack University Medical Center
- Harwood and Lloyd
- JAG Physical Therapy
- John Nastasi Architects
- Kraft Foods
- New Horizon Financial
- Office of Congressman Steve R. Rothman

Internship Highlights

- The Senior Experience program is a graded internship graduation requirement that is Board approved for students in their senior year.
- Student interns report directly to the internship every Wednesday during the academic year for the full business day.
- Specific internship hours are determined by the mentor.
- Internships begin in September and conclude in June; starting dates may vary.
- Mentorship may be provided by one or more individuals within the organization who take an active interest in the student’s growth and development as an intern.

Frequently Asked Questions

What is the length of the school day and school year?
The school is in session from 8:05 a.m. until 2:56 p.m. for 180 days per year.

Is there any cost to the parents for sending students to Bergen Tech?
Bergen Tech is a free public school of choice for residents of Bergen County, and transportation is arranged by the sending district at no cost to the parents.

Can students transfer to this school after the ninth grade?
No. The program structure is such that students enter Bergen Tech with a selected major and prescribed courses.

Are services provided to students with disabilities?
Yes. Services are provided according to the child’s IEP or 504 Plan.

Can my child “shadow” for a day at the school?
Yes. In addition to the open houses, students are encouraged to shadow during the school day. Shadowing takes place on a weekday beginning after the first open house date. All campus visits require appointments.

Is there an admissions test for the school?
Applicants who have submitted all of the required materials are asked to take an admissions test. Students with disabilities are granted extended time if so indicated on their IEP or Section 504 Plan.
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