BERGEN COUNTY TECHNICAL HIGH SCHOOL
TETERBORO CAMPUS

A Public Magnet High School of Choice

504 Route 46 West
Teterboro, New Jersey 07608
Admissions Office: 201-343-6000 Ext. 7715
thsadmissions@bergen.org
http://bcts.bergen.org

PROGRAM DESCRIPTIONS & GENERAL INFORMATION
FOR SCHOOL YEAR 2020-2021
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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 678 students who mirror the diversity of Bergen County: 42% Caucasian, 30% Asian, 19% Hispanic, 6% African-American, and the remaining 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:

• Selection as a 2013–2015 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.”


• Out of 21,000 public high schools in 49 states and D.C., the Bergen County Technical High-Teterboro has been named #61 nationally and #4 in New Jersey by US News & World Report. In order to determine the rankings, US News & World Report uses a three-step process. The first two steps ensured that the schools serve all of their students well, using performance on state proficiency tests as the benchmark. For those schools that made it past the first two steps, a third step assessed the degree to which schools prepare students for college-level work.

• According to Newsweek’s America’s Top High Schools, the Bergen County Technical High School-Teterboro earned a Gold Medal and was ranked #28 in the nation. The Newsweek rankings include data on more than 21,000 public schools in 50 states and the District of Columbia.
“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 resequencing 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.

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.

**Advanced Placement Courses**

<table>
<thead>
<tr>
<th>AP Studio Art</th>
<th>AP Biology</th>
<th>AP Calculus AB</th>
<th>AP Calculus BC</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Chemistry</td>
<td>AP Environmental Science</td>
<td>AP English Language</td>
<td>AP English Literature</td>
</tr>
<tr>
<td>AP Microeconomics</td>
<td>AP Macroeconomics</td>
<td>AP Physics I (formerly AB)</td>
<td>AP Physics C Electricity</td>
</tr>
<tr>
<td>AP Chinese</td>
<td>AP Computer Science</td>
<td>AP Spanish Language &amp; Culture</td>
<td>AP Physics II</td>
</tr>
<tr>
<td>AP Seminar</td>
<td>Principles</td>
<td></td>
<td>AP Research</td>
</tr>
</tbody>
</table>

**Class of 2019 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>366</td>
<td>40%</td>
</tr>
<tr>
<td>4</td>
<td>258</td>
<td>28%</td>
</tr>
<tr>
<td>3</td>
<td>202</td>
<td>22%</td>
</tr>
<tr>
<td>2</td>
<td>67</td>
<td>7%</td>
</tr>
<tr>
<td>1</td>
<td>25</td>
<td>3%</td>
</tr>
</tbody>
</table>

In 2017, students took a total of 918 Advanced Placement exams with an average score of 3.95. Bergen Tech had 72 AP Scholars. 100% of all students enrolled in an AP course sat for the exam.

**Class of 2019 GPA Breakdown**

<table>
<thead>
<tr>
<th>4.0–3.670</th>
<th>3.660–3.00</th>
<th>2.999–2.466</th>
</tr>
</thead>
<tbody>
<tr>
<td># Students</td>
<td>65</td>
<td>91</td>
</tr>
<tr>
<td>% Class</td>
<td>39.6%</td>
<td>55.5%</td>
</tr>
</tbody>
</table>

Average GPA for the Class of 2019 was 3.54.
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 2019 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>668</td>
<td>547</td>
<td>536</td>
</tr>
<tr>
<td>Math</td>
<td>707</td>
<td>547</td>
<td>531</td>
</tr>
</tbody>
</table>

*Bergen Tech has 27 students who will receive recognition in the 2020 National Merit Scholarship Program.

Graduation Requirements

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Service</td>
<td>60 Hours</td>
</tr>
<tr>
<td>Science</td>
<td>Eighteen Credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Fifteen Credits</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>Five Credits</td>
</tr>
<tr>
<td>Senior Internship</td>
<td>Five Credits *</td>
</tr>
<tr>
<td>Language Arts</td>
<td>Twenty Credits</td>
</tr>
<tr>
<td>World Language</td>
<td>Ten Credits</td>
</tr>
<tr>
<td>Financial Literacy</td>
<td>Two-and-One-Half Credits</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Fifteen Credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Fifteen Credits</td>
</tr>
</tbody>
</table>

*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.

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

College Acceptances: Five-Year Trend

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOP 10 COLLEGES*</th>
<th>TOP 50 COLLEGES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014/2015</td>
<td>3%</td>
<td>44%</td>
</tr>
<tr>
<td>2015/2016</td>
<td>5%</td>
<td>54%</td>
</tr>
<tr>
<td>2016/2017</td>
<td>4%</td>
<td>47%</td>
</tr>
<tr>
<td>2017/2018</td>
<td>7%</td>
<td>49%</td>
</tr>
<tr>
<td>2018/2019</td>
<td>1%</td>
<td>73%</td>
</tr>
</tbody>
</table>

*According to US News & World Report National Rankings
“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.

Now in its third year of existence, the BCTHS/Teterboro Aerospace Engineering program offers students the opportunity to pursue studies in 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:

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

**Current Courses:**

- Intro to Aerospace
- Aerospace Engineering Principles
- Digital Electronics
- AP Computer Science Principles
- Applied Aerospace Engineering

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:**

- Foundations in Auto Engineering Design
- Intro to Automotive Technology
- Intro to Engineering Design
- Digital Electronics
- Engineering Design Lab
- Capstone in AED
- Systems Analysis
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
- Fundamentals of 2D Design & Drawing
- Graphic Design Studio I
- Graphic Design Studio II/Professional Practice

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**Computer Science**

This program seeks to educate students with the understanding of real-world computing needs, as demonstrated by 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-Oriented Design
- Mobile App Development
- CPS 155 Intro to Cybersecurity
- Networking I
- Cloud Computing
- AP Computer Science Principles
- Intermediate Programming
- Advanced Programming
- ECS 102 Introduction to Computing
- Fin 200 Personal Financing
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 (Rutgers)
- Advanced Culinology®

Digital & Media Arts

Digital Media is the integration of 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 digital animation, interactive multimedia, and many other technical skills. Utilizing text, sound, graphics, animation, and video, the students are able to inform and entertain audiences.

Upon completion of the program, students will possess the technical competence required to create and maintain a website, transform scripts into video productions, edit audio and video program material using non-linear editing stations, create stereo mixes of multi-track audio material, work with multiple software programs to create still and motion graphics, and publish video to the web.

Current Courses

- Introduction to Digital Media
- Graphics and Animation
- Intro to Broadcast Media
- Broadcast Media Journalism
- Advanced Video and Audio Production
- Capstone in Broadcast Media
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**

- Intro to Law and Justice
- CHE 113 Forensic Science
- Senior Seminar/Financial Literacy
- AP US Government & Politics
- Criminology
- Constitutional Law
- 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.

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
- Apparel Design III
- Fashion Art & Design I
- Fashion Art & Design II
- Fashion Art & Design III
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**

- Strategy Formulation
- DCC 151 Intro to Financial Accounting
- Intro to Business Management
- AP Macroeconomics
- AP Microeconomics
- Derivatives Trading
- Portfolio Management
School Counseling

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 FAFSA
- 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
BT Ink
Chemistry Club
Chess Club
Code Club
Computer Club
C3 Club
Drama Club
Engineering Club
Girl Up
Heroes & Cool Kids
Harvester’s Club
Knights News
Lemon Club
Math Club
Model UN
National Honor Society
Open Research Forum
Peer Leaders
Physics Club
Ski/Snowboard Club
Skills USA
Spanish Multicultural Club
Student Council
HOSA
(Future Health Professionals)

At BCTHS/Teterboro we offer students the chance to participate in numerous, diverse, and exciting extracurricular activities, including:
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 by 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
- 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
- Competition Cheerleading

**SPRING**
- Baseball - Varsity, Junior Varsity, and Freshman
- Softball - Varsity, Junior Varsity, and Freshman
- Boys/Girls Golf
- Girls Lacrosse - Varsity and Junior Varsity
- Boys Tennis - Varsity and Junior Varsity
- Boys/Girls Track
- Boys Volleyball - Varsity and Junior Varsity

**ACCOLADES 2016-2019**

**FALL:** Girls Tennis - N.J.S.I.A.A. State Sectional Champions, Boys Soccer - N.J.T.A.C. Champions


**SPRING:** Girls Golf - Big North Liberty Division Champions, Boys Tennis - Big North Liberty Division Champions, Boys Golf - Big North Liberty Division Champions, Boys Volleyball - Big North Liberty Division Co-Champions

*Congrats to BT Teterboro Aerospace Engineering 12th-grader Frank Gargiulo who was named Male Athlete of the Week. Gargiulo, a halfback/safety, rushed for 104 yards and scored three touchdowns on a 12-yard run, a 75-foot kickoff return, and a 40-yard punt return, as Bergen Tech broke a 29-game losing streak with a 35-0 win over Fort Lee. Defensively, he made six tackles and an interception.*
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 2019 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
- Diffo 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.

**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.