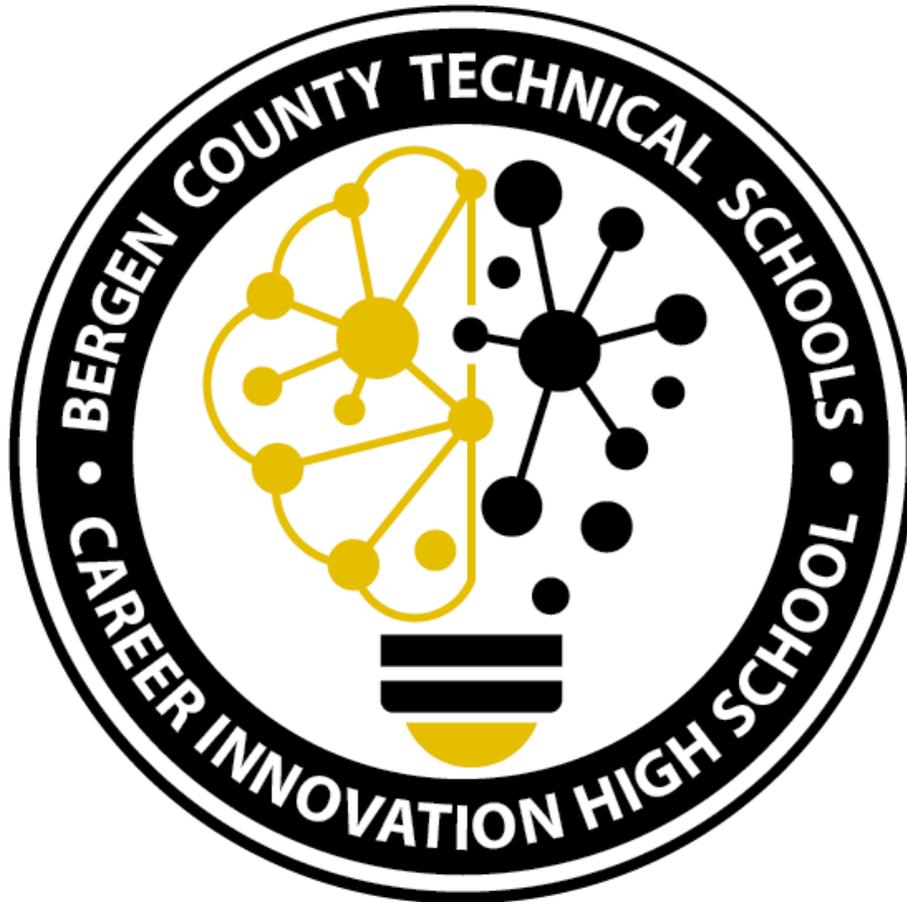


BERGEN COUNTY TECHNICAL SCHOOLS



PROGRAM DESCRIPTIONS & ADMISSIONS INFORMATION

2025-2026



MESSAGE FROM THE PRINCIPAL

Dear Students, Parents, and Guardians,

It is with great pleasure and excitement that I warmly welcome you to our newly opening campus, Career Innovation High School (CIHS). As the founding principal, I am thrilled to embark on this journey alongside our dedicated faculty, staff, students, and community partners.

At CIHS, we are committed to providing an innovative and dynamic learning environment that prepares our students for success in both their chosen careers and other postsecondary pursuits. Our focus on Career and Technical Education (CTE) programs ensures that students graduate with the skills, knowledge, and experiences necessary to thrive in today's rapidly evolving workforce.

Our school offers a diverse range of CTE programs designed to meet the needs and interests of our students. Whether you are passionate about Global Business & Logistics, Dental Healthcare, or Fabrication & Design, our programs are tailored to provide hands-on learning experiences, industry-relevant curriculum, and opportunities for real-world application.

In our Global Business & Logistics program, students will explore the complexities of supply chain management, transportation systems, and global trade. Through partnerships with industry leaders, students will gain insight into the logistics field and develop essential skills in problem-solving, critical thinking, and collaboration.

In the Dental Healthcare program, students will receive comprehensive training in dental assisting, oral hygiene, and patient care. With access to state-of-the-art facilities and experienced faculty, students will graduate prepared to pursue careers as dental assistants, hygienists, or continue their education in dentistry.

Our Fabrication & Design program offers students the opportunity to unleash their creativity and innovation through hands-on projects in manufacturing, engineering, and design. From prototyping to production, students will learn how to bring their ideas to life using cutting-edge technologies and techniques.

As we embark on this exciting journey together, I invite you to join us in shaping the future of Career Innovation High School. Together, we will empower our students to dream big, work hard, and achieve their goals. Thank you for choosing CIHS as your partner in education.

Warm regards,

**Jeremy Wertheim
Principal, Career Innovation High School**

PROGRAM DESCRIPTIONS

- **DENTAL HEALTHCARE**
- **FABRICATION & DESIGN**
- **GLOBAL BUSINESS & LOGISTICS**



DENTAL HEALTHCARE

Program Description:

The four-year high school career and technical program in Dental Healthcare offers a comprehensive training experience for students who aspire to pursue careers in dental assisting, dental hygiene, and dentistry. With a strong emphasis on integrating science and career training, this program equips students with a solid foundation in dental health sciences while fostering hands-on practical skills.

Throughout the program, students engage in a dynamic curriculum that blends theoretical knowledge with immersive experiences. They delve into the intricacies of dental anatomy, physiology, and pathology, gaining a deep understanding of oral health and its significance. Through interactive laboratory sessions and clinical simulations, students develop essential technical skills, such as radiography, dental instrument handling, and infection control protocols.

Furthermore, the program provides opportunities for students to observe and intern at local dental clinics, enabling them to gain valuable firsthand experience alongside seasoned dental professionals. These work-based learning experiences offer a bridge between classroom learning and the practical realities of dental healthcare, fostering a seamless transition into the professional world.

SCOPE AND SEQUENCE:

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
CTE (Career & Technical Education)	Intro to Dental Healthcare	Chairside Assisting	Dental Theory & Clinical Procedures	<ul style="list-style-type: none"> • Dental Specialties & Office Technology • Senior Internship
Science	Environmental Sci	Chemistry	Biology	<i>Electives available</i>
Math	Algebra I	Geometry	Algebra II and Trig.	<i>Electives available</i>
Social Studies	US History I	US History II	World History	Financial Literacy/ <i>Electives available</i>
Language Arts	American Literature I	American Literature II	World Literature	Writing Composition
Vis. & Performing Arts		Visual Art or Intro to Guitar	<i>Electives available</i>	<i>Electives available</i>
World Language	Spanish I	Spanish II	<i>Electives available</i>	
Health & PE	PE 9/Social Issues	PE 10/Nutrition	PE 11/Family Living	PE 12/First Aid

*Course titles highlighted in yellow represent dual enrollment classes where students earn both high school and college credit. Course in Italics are NOT required for graduation

PROGRAM DESCRIPTIONS

- **DENTAL HEALTHCARE**
- **FABRICATION & DESIGN**
- **GLOBAL BUSINESS & LOGISTICS**



FABRICATION & DESIGN

Program Description:

The four-year high school career and technical program in Fabrication and Design offers a hands-on training platform for students passionate about forging careers in welding, metal art, and fabrication. This program places a strong emphasis on infusing creative expression with practical training, fostering a unique environment where students can explore their artistic inclinations while honing their technical skills.

Throughout the program, students embark on a creative journey that combines traditional craftsmanship with modern design principles. They learn the fundamentals of welding techniques, metalworking, and fabrication processes, mastering skills such as arc welding, oxy-fuel cutting, and metal sculpting. Through hands-on projects, students have the opportunity to explore various materials, tools, and technologies, enabling them to unleash their creativity and bring their ideas to life.

The infusion of creative expression into the program cultivates a sense of artistic individuality and encourages students to think outside the box. They learn to conceptualize and design unique metal artworks and functional pieces, incorporating aesthetics and innovation into their projects. By exploring the interplay between form and function, students develop a keen eye for detail, craftsmanship, and quality.

SCOPE AND SEQUENCE:

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
CTE (Career & Technical Education)	Welding & Cutting Processes I	Welding & Cutting Processes II	Detail Drawings and Metal Properties	<ul style="list-style-type: none"> • Fab Lab • Senior Internship
Science	Environmental Sci	Chemistry	Biology	<i>Electives available</i>
Math	Algebra I	Geometry	Algebra II and Trig.	<i>Electives available</i>
Social Studies	US History I	US History II	World History	Financial Literacy/ <i>Electives available</i>
Language Arts	American Literature I	American Literature II	World Literature	Writing Composition
Vis. & Performing Arts		Visual Art or Intro to Guitar	<i>Electives available</i>	<i>Electives available</i>
World Language	Spanish I	Spanish II	<i>Electives available</i>	
Health & PE	PE 9/Social Issues	PE 10/Nutrition	PE 11/Family Living	PE 12/First Aid

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PROGRAM DESCRIPTIONS

- **DENTAL HEALTHCARE**
- **FABRICATION & DESIGN**
- **GLOBAL BUSINESS & LOGISTICS**



GLOBAL BUSINESS & LOGISTICS

Program Description:

The four-year high school career and technical program in Global Business and Logistics offers an enriching educational pathway for students aspiring to build careers in business, entrepreneurship, supply-chain engineering, and global logistics. This program places a strong emphasis on integrating entrepreneurship to provide context for supply-chain management and logistics, equipping students with the skills and knowledge to navigate the dynamic world of commerce and international trade.

Throughout the program, students delve into the intricacies of supply-chain management, gaining a comprehensive understanding of the entire process from procurement to delivery. They explore topics such as inventory management, demand forecasting, distribution strategies, and global sourcing. By studying real-world case studies and engaging in real-time simulations, students develop a strong foundation in supply-chain principles while honing their problem-solving, analytical, and critical thinking abilities.

SCOPE AND SEQUENCE:

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
CTE (Career & Technical Education)	Intro to Entrepreneurship	Intro to Supply Chain Management	Inventory Management & Optimization	<ul style="list-style-type: none"> Ethics & Policy in Supply Chain Management Senior Internship
Science	Environmental Sci	Chemistry	Biology	<i>Electives available</i>
Math	Algebra I	Geometry	Algebra II and Trig.	<i>Electives available</i>
Social Studies	US History I	US History II	World History	Financial Literacy/ <i>Electives available</i>
Language Arts	American Literature I	American Literature II	World Literature	Writing Composition
Vis. & Performing Arts		Visual Art or Intro to Guitar	<i>Electives available</i>	<i>Electives available</i>
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Admission & Selection Process

Admission Requirements

Welcome to the Application process for Career Innovation High School. Below is a summary of the steps in our online application. Your application will only be considered if all steps are completed by the application deadline: Sunday, November 10, 2024. No applications will be accepted after the deadline.

If you have any questions during this process, please email CIHSadmissions@bergen.org

Students/Parents may access the application through the link below:

<https://enrollment.powerschool.com/family/gosnap.aspx?action=200003175&culture=en>

Selection Process



Step 1
Start application

Read the Online Application instructions carefully.



Step 2
Fill in all personal information

This includes information about the applicant and family, a Home Language Questionnaire, Schools attended by the applicant, and the Applicant Questionnaire page which requires a 400-word essay. You may list Accolades/Accomplishments in the essay box as well, but do not exceed 500 words in total. Do NOT send us any certificates unless we contact you. **Do not use your current school email address as your contact; you must use a personal email address.** All communications during the application process will be sent via email.



Step 3
Recommendations/
Transcripts

Fill in the names of the teachers who will submit a recommendation on your behalf and the name of your guidance counselor. Be sure to use your teacher/counselor school email addresses. This email will be used to send the teacher/counselor an invitation to complete your recommendations and submit your school transcripts.



Step 4
Document Uploads

These include a recent photo of student, a recent school ID or other ID (optional), proof of residency documents and a Birth Certificate or Family Census Register.



Step 5
Electronic
Signature Page

By signing, you verify that all information contained in your application is true and correct to the best of your knowledge.



Step 6
Verify and Submit

Review and verify your information. You will not be able to revise your application once you submit.



Step 7
Print a Copy for
Your Records

Once you have submitted your application, you have the option to print a copy for your records.



SPORTS AND CLUBS



Bergen Tech Sports

Students from all Bergen County Technical Schools' campuses play together on the same sports teams.

Our teams compete in the Big North Conference and the NJTAC at Varsity, Junior Varsity, and Freshman levels.

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
- Football Cheerleading

WINTER

- Boys Basketball—Varsity, Junior Varsity, and Freshman
- Girls Basketball—Varsity and Junior Varsity
- Boys/Girls Bowling
- Boys/Girls Fencing
- Boys/Girls Indoor Track
- Competitive Cheerleading (tryouts are in the summer)

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 & Field

2023-2024 SPORTS ACCOLADES

- GIRLS GOLF - BIG NORTH LIBERTY DIVISION CHAMPIONS
- GIRLS VOLLEYBALL - BIG NORTH LIBERTY DIVISION CHAMPIONS
- BOYS VOLLEYBALL - BIG NORTH LIBERTY DIVISION CHAMPIONS
- GIRLS BOWLING - BIG NORTH LIBERTY DIVISION CHAMPIONS, BCWA CHAMPIONS, TEAM OF THE YEAR
- BOYS BOWLING - NJSIAA SECTIONAL CHAMPIONS, BIG NORTH LIBERTY DIVISION CHAMPIONS, BCCA CHAMPIONS, TEAM OF THE YEAR
- GIRLS FENCING - BPFL PATRIOT DIVISION CHAMPIONS
- BOYS FENCING - BPFL PATRIOT DIVISION CHAMPIONS, BCCA CHAMPIONS
- GIRLS TENNIS - BIG NORTH LIBERTY DIVISION CHAMPIONS
- BOYS TENNIS - BIG NORTH LIBERTY DIVISION CHAMPIONS, BCCA CHAMPIONS

Clubs will be offered. More details to come.



The Bergen County Technical School District is an educational model that prepares students to work, live, and lead in a global community.

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