

Nashua Technology Center Career Pathway Programs

- // Advanced Manufacturing
- // Automotive Technology
- # Biotechnology & Biomedical Science
- // Business Pathway
- **//** Careers in Education
- # Computer Aided Drafting and Design (CADD)
- # Computer Networking & Cybersecurity
- **//** Construction Technology
- **//** Cosmetology
- // Culinary Arts
- // Design & Visual Communications
- // Electrical Technology
- // Engineering Pathways
- // Health Sciences
- Heating, Ventilation, Air Conditioning and Refrigeration (HVACR)
- Wideo Production & Broadcasting

Learn. Become. Succeed.

The NTC mission is to empower all students with the knowledge and skills necessary for career success through innovative and hands-on learning experiences that aim to cultivate a diverse community of lifelong learners.

All NTC programs are academically challenging, aligned with real workforce needs, and designed to promote creativity, leadership and lifelong learning skills. As the state's largest high school Career and Technical Education center—with more than 1,300 students, we have a 40 year tradition of helping all our students to recognize their talents and ambitions, realize their individual potentials, and prepare themselves for life after high school, whether they plan to go on to college, enlist in the military or go directly

into the workforce after graduation.

This brochure provides a summary of available opportunities connected to each of the 16 NTC career pathway programs available to students from Nashua High School North and South, and from six area high schools, including Alvirne, Campbell, Hollis Brookline, Merrimack, Milford and Souhegan. If you are interested in joining The NTC, or if you want more information, contact your school counselor, go to our website or call or stop by our office in the career centers at either North and South

So check out our brochure and let us show you the many ways The NTC can help you to **Learn, Become and Succeed.**

How do I get more information?







Email us at: ntcinfo@nashua.edu



Go to our NTC website



nology center

Follow us on
Instagram:
instagram.com/
nashua tech-



Talk to your school counselor



Walk into the NTC
Office in the North/
South Career Centers
and Ask

What our students are saying...

"I joined NTC because I wanted a program that went beyond regular high school STEM classes by allowing me to explore and test out career options and pathways that interest me."

// Rachel Riddell, Biotechnology & Biomedical Science, Nashua High School North

"When I first toured the NTC I realized that this was the place for me because it's a great mix of shop and classroom learning time, plus I'm getting the opportunity to work in the industry. It's been a really great experience that has inspired me to pursue this career."

// Jordan Lawrence, Automotive Technology, Home Schooled

"I want to be a PA someday and the Health Sciences program prepares me for future college and career choices by showing me the steps involved and giving me opportunities to explore that pathway. Choosing NTC was the best option for me!"

// Nevaeh Eppolito, Health Sciences, Nashua High School South

"I have a passion for teaching children and I wanted to start learning how to do that as soon as possible. NTC lets me try out that career choice in a riskfree environment before committing to expensive college choices."

> // Leo Weston, Careers in Education, Merrimack High School





As a business student you'll have the opportunity to explore the many worlds of Business, learning about accounting, ethics, entrepreneurship, finance, management, and marketing. You will develop skills using industry-recognized software and project-based learning. Areas of concentration include entrepreneurship, small business management, operations, accounting, business finance, global business and finance, marketing, and sales.

Learn: Concepts, processes and skills associated with developing and managing business operations // Tools, strategies, and systems to plan, monitor, and control financial resources // Leadership and management principles

Become: Entrepreneur // Small Business Owner // Business Manager // Certified Public Accountant // Financial Analyst // Marketing Manager // Research Analyst Succeed: Dual Enrollment College Credits // Work-Based Learning Opportunities // DECA Membership // NTC Business Honor Society



Learn: Mechanical and architectural sketching and drawing // State-of-the-art 2D and 3D printing (rapid prototyping) // SolidWorks

Become: Mechanical/Manufacturing Engineer // Mechanical Drafter // Civil Engineer // Architect // CADD Systems Operator // Construction Manager

Succeed: Up to 10 College Credits // SolidWorks Certification // AIANH Architectural Design Contest // SkillsUSA Architectural and Technical Drafting

Computer Aided Drafting & Design (CADD)

In our CADD program you'll use state-of-the-art drafting and drawing software to design your own industry standard building or product. This program gives you the knowledge and practice needed to produce and analyze multi-view architectural and mechanical drawings, blueprints and design plans. All students have the opportunity to choose one of two self-paced tracks: Architectural Drafting or Mechanical Drafting.

Competitions // Virtual Job Shadow

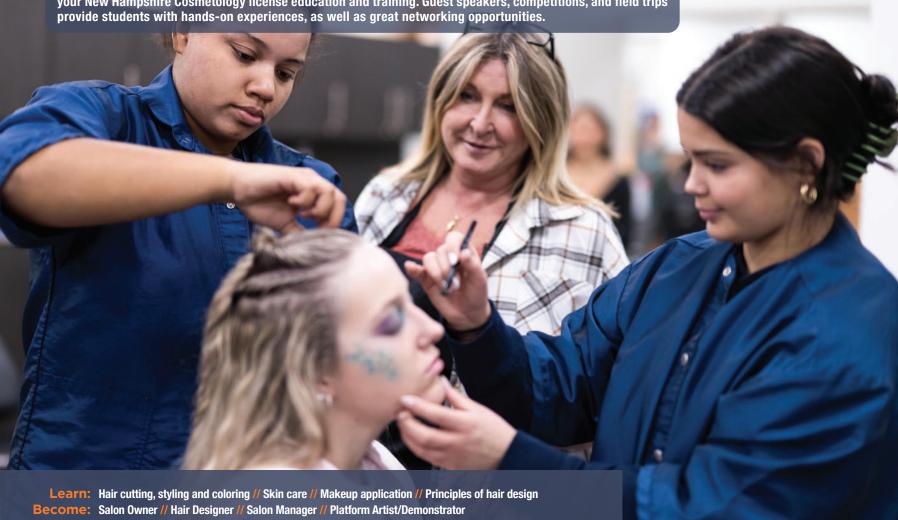
Learn: The impact of child growth and development on learning // How to create engaging, exciting learning experiences // Behavior management // How to support all learners

Become: K-12 Teacher // School Counselor // Special Education Teacher // Child Psychologist // Occupational Therapist // Child Life Specialist // Social Worker Succeed: Up to 9 College Credits // 200+ Hours of Field Experience // Leadership and Community Service Opportunities





Students in this two-year program are trained in the craft of cutting, styling and waving hair, as well as scalp maintenance, manicures and basic skin care. Successful completion means you'll earn up to 360 hours toward your New Hampshire Cosmetology license education and training. Guest speakers, competitions, and field trips



Learn: Culinary & food preparation skills // Food safety & sanitation // Planning, purchasing and preparing food in quantity // Professional equipment operations

Become: Chef/Cook // Restaurant/Hotel Manager // Restaurant Owner // Caterer // Food Service Director // Nutritionist // Food Scientist

Succeed: Up to 9 College Credits // ServSafe Certification // SkillsUSA Competition // Join the Professional Chefs of NH

Culinary Arts

As a Culinary student you'll be learning in a commercial kitchen using restaurant-grade equipment, while also developing a working knowledge of the process and safety concerns of selecting, purchasing and preparing high quality food products. This two-year program helps you to establish the skills, work habits and confidence needed to succeed in respected culinary postsecondary schools and excel in the industry. Our program is accredited through the American Culinary Federation Educational Foundation.

Succeed: Up to 360 Training Hours Toward NH Cosmetology Licensing // Participation in State Skill Competitions





Become: Journeyman/Master Electrician // Electrical Engineer // Electrical Drafting Specialist // Wind Turbine Technician // Photovoltaic Systems Installer

Succeed: NH Electrical Apprentice Card // 600 Hours Toward Journeyman Training // OSHA 10 Safety Certification // College Credits





Learn: Anatomy and physiology // Medical terminology // Nursing skills associated with becoming a Licensed Nursing Assistant // Dental and PT skills

Become: Nurse // Physician // Lab Technician // Medical Assistant // Dentist // Physical or Occupational Therapist // Radiologist

Succeed: Up To 3 College Credits (Medical Terminology) // American Heart Association CPR/Basic Life Support Certification // LNA Certification // First Aid Certification



CTE Discovery Courses

The NTC encourages and supports career exploration and development courses for Nashua North and South students. The following CTE Discovery Courses are currently being offered:

Tech Ed

Woodworking I
Woodworking II
Power Mechanics I
Power Mechanics II
Electricity/Electronics
Marine Robotics
Graphic Design I
Graphic Design II
Robotics using Vex
Drone Technology

FACS

Parenting
Interior Design
On Your Own
Human Relations
Lifespan Nutrition
Foods Technology
Exploring Contemporary Cooking
Child Growth and Development

Business

Intro to Business
Desktop Publishing
Digital Apps and Communication
Personal Finance

Note: For a full list of CTE Discovery Courses offered, please check the Nashua High School Course Selection Catalog.





What You Should Know About Modern Career and Technical Education

A 21st Century Approach to College and Career Preparation...

Today's high school CTE programs bear little resemblance to the shop classes and "voc ed" programs of the past. These next-generation CTE programs integrate rigorous academic instruction into the teaching of technical and employability skills, helping students to jumpstart their college and career plans.





Modern CTE ...

Prepares Students For Success by Connecting Classroom Lessons to Career Ambitions

- // Project-based learning
- // Job shadows, internships, worked-based learning
- / Employability skills and development of work-ready ethics and values
- // Career pathway guidance and postsecondary education planning

2 Propels Students Down Career Pathways

- // Develop a strategic approach to education, career choice and readiness
- // Collect college credits that jumpstart postsecondary pathways
- // Earn industry-recognized certifications and licensing hours
- // Gain authentic, career-focused education and experience



Succeed Succeed

- // Modern facilities with industrial-grade equipment
- // Accomplished instructors who have proven themselves in their respective fields
- // Industry and community reference and networking contacts
- // Access to state and national co-curricular leadership organizations (CTSOs)





North: 8 Titan Way, Nashua, NH 03063 South: 36 Riverside St., Nashua, NH 03062

For more information:

Talk to your school counselor Speak with current students and alumni Meet with our expert teachers

Email us at ntcinfo@nashua.edu

Go to our website:



Check out our Instagram page:





MESSAGE FROM NTC TEACHERS AND STAFF: No matter your passion or interest, our CTE programs are designed to provide you with real-world skills and a structured pathway to exciting and fulfilling careers. The NTC offers hands-on learning, industry-relevant curriculum, dedicated and experienced faculty, state-of-the-art facilities, career guidance and support, and CTE Discovery Courses. To learn more, email us at ntcinfo@nashua.edu, attend an information session, or schedule a tour with our amazing NTC student ambassadors. We are excited for you to LEARN, BECOME, and SUCCEED with us!

It is the policy of the Nashua Technology Center not to discriminate on the basis of race, color, national origin, gender, sex or handicap in its employment, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; Americans with Disabilities Act of 1990; and NH RSA 354-A.