



DOVER *Regional*
CAREER & TECHNICAL CENTER

Dual **ENROLLMENT PARTNERS**

Great Bay Community College

Keene State College

Lakes Region Community College

Nashua Community College

New Hampshire Technical Institute

Manchester Community College

University of Northwestern Ohio



Industry **RECOGNIZED CREDENTIALS**

- Nursing Assistant License (LNA)
- Automotive Service Excellence (ASE)
- Spanesi 360 Concept
- OSHA-10 Certification
- Microsoft Office Specialist Certification
- A+ certification
- NET+ certification
- CISCO IT Fundamentals
- NH Cosmetology License
- S/P2 Safety
- ServSafe Manager Certification
- Professional Rescuer CPR & AED and Standard First Aid
- Basic EMT Certification
- American Heart Association Health Care Provider & Automatic External Defibrillator (AED) certification
- Advanced Skills for Health Care providers & Restorative Certificate
- Certified SolidWorks Associate (CSWA)
- Pet Tech Animal CPR and First Aid Certification

A photograph of two young women with long brown hair, smiling and holding two brown chickens. They are in a wooden enclosure. A green banner with a white dotted sunburst pattern is overlaid on the left side, containing the text "Animal Science".

Animal Science

Instructors

Katie Green and Carrie Hough

Courses

- Animal Science 1
- Companion Animal Science
- Large Animal Science
- Honors Veterinary Science

Animal Science

CAREERS

Animal Care Technician, Veterinary Health, Pet Grooming, Kennel/Daycare Manager, Animal Rescue/Welfare, Livestock/Equine Management, *and more*

25-26 HIGHLIGHTS

The Animal Science students, through the FFA chapter, have earned over 50 state level awards and recognitions this year for achievements related to their personal growth, leadership, and career development.

A female technician with dark hair in a ponytail, wearing safety glasses and a dark sweater, is focused on working on a car engine. She is using a red hose or cable. The background shows a workshop environment with various tools and equipment. A green graphic overlay is present in the lower-left corner, featuring a circular pattern of white lines and a green banner.

Automotive Collision

Instructor

Nate Kalway

Courses:

- Automotive Collision 1
- Automotive Collision 2



Automotive Collision

CAREERS

Collision Technician, Classic Car Restorer, Custom Fabrication/Paint, Detailer, Insurance Appraiser/Estimator, Race Car Fabricator, Refinishing Technician, Shop Foreman, *and more*

25-26 HIGHLIGHTS

Skills USA competition

Auto Refinishing Tech

- Student placed Gold
- Student placed Silver

A group of four automotive technicians, three men and one woman, are gathered around a car engine in a workshop. They are all wearing dark blue work shirts. One man is wearing white gloves and is working on a black engine component. The others are looking on, with one man on the left looking towards the center. The background shows a car lift and other vehicles in the shop.

Automotive Technology

Instructor

Keith Austin

Courses

- Automotive Technology 1
- Automotive Technology 2



Automotive Technology

CAREERS

Automotive Technician, Diesel Service Technician, Heavy Truck Technician, Independent Shop Owner, Motorcycle Powersports Technician, Service Technician, *and more*

25-26 HIGHLIGHTS

Year 1 students

- Completed tires and are working on suspension and steering

Year 2 students

- Completed the electrical component and are working on starting and charging systems
- Students are participating in WBL at dealerships/repair shops



Biomedical Science

Instructor

Karen Rogers

Courses

- Biomedical Science 1
- Biomedical Science 2



Biomedical Science

CAREERS

Biotechnology, Biomedical Engineering, Clinical Researcher, DNA Analyst, Lab Technician, Medical Field Worker, Pharmaceutical Industry, *and more*

25-26 HIGHLIGHTS

- Biomedical Science & Technology is a pathway for students to know how to change the world. They learn foundational skills in clinical care, medical interventions involving DNA & protein based lab work, solving medical mysteries, biofabrication and regenerative medicine.



Building Construction Technology

Instructor

Jeremiah Mulligan

Courses

- Building Construction Technology 1
- Building Construction Technology 2

Building Construction Technology

CAREERS

Architect, Building Material Supplier, Carpenter, Construction Worker/Inspector, Cost Estimator, Contractor, Crane Operator, Civil Engineer, Flooring Installer, Surveyor, Real Estate Agent/Broker, Roofer, Safety Manager, *and more*

25-26 HIGHLIGHTS

- This year, the program acquired a grant-funded CAT simulator, allowing students to learn heavy equipment operation in a virtual environment.



Business

Instructors

Jessica Hebert and Christine Stewart

Courses

- Business Foundations & Accounting
- Business Marketing and Management
- Business Entrepreneurship and Communications



Business

CAREERS

Advertising, Banking, Business Management, Marketing, Entrepreneurship, Finance, Public Relations, Small Business Owner, Retail, Trading, *and more*

25-26 HIGHLIGHTS

- Business 2 completed a Corporate Social Responsibility Unit where they planned and managed a food drive within in the school. The class was recognized as the 2025 Snapback Seacoast Giving Circle Champions for the most items collected.



Computer Programming

```
package com.ds.ord.be.hocore.ssf;  
  
import java.util.*;  
  
public final class LocationUtils {  
  
    /**  
     * Return Point from its String representation.  
     * @param locationString - String that represents location, as 2 double values split with comma. Accepts space after/before  
     * @return org.springframework.data.ssf.core.geo.Point instance  
     */  
    public static Point parseLocationString(locationString) {  
        Preconditions.checkNotNull(locationString, "Location String should not be null");  
        Preconditions.checkArgument(locationString.contains(","), "Location must be split with comma");  
        locationString = locationString.trim();  
  
        if (locationString.contains(" ")) {  
            locationString = locationString.replaceAll(" ", "");  
        }  
  
        if (locationString.contains(",")) {  
            locationString = locationString.replaceAll(",", "");  
        }  
  
        String[] location = locationString.split(",");  
        Preconditions.checkArgument(location.length == 2, "Location should contain at least 2 Double parameters");  
        double lat = Double.parseDouble(location[0]);  
        double lon = Double.parseDouble(location[1]);  
  
        return new Point(lat, lon);  
    }  
}
```

Instructor

Mark Lambiase

Courses

- Computer Programming 1
- Computer Programming 2



Computer Programming

CAREERS

Web Developer, Software Developer/Engineer, Mobile App Developer, Game Developer, Database Administrator, DevOps Engineer, Data Scientist, *and more*

25-26 HIGHLIGHTS

- Computer Programming students are now progressing through several programming languages.
- Mr. Lambiase said his goal is to help his students recognize the similarities in programming languages which will equip them with the skills to learn any programming language they encounter in the future.



A student with red dreadlocks, wearing a blue t-shirt and a black apron, is styling a brown wig on a mannequin head. The student is using a pink hairbrush and a hair dryer. The background shows a cosmetology classroom with other students and mirrors. A green banner with a white sunburst graphic is overlaid on the left side of the image.

Cosmetology

Instructors

Melissa Hope and Kristin Twomey

Courses

- Cosmetology 1
- Cosmetology 2
- Cosmetology 3



Cosmetology

CAREERS

Advertising Stylist, Barber, Beauty Writer, Cosmetologist, Educator, Esthetician, Make-up artist, Platform Stylist, Salon Owner, Stylist, *and more*

25-26 HIGHLIGHTS

Full Licensure program

- 1 of only 2 in the state
- Beauty Without Boundaries
- Partnering with the EBeauty program, students wash, color, cut and style refurbished wigs that are provided to cancer patients, free of charge

A photograph of two young men in chef uniforms working in a kitchen. They are both wearing white chef coats and black hats. The man on the left is wearing a dark blue long-sleeved shirt under his coat. They are standing in front of a white Hobart stand mixer. The man on the right is holding a metal sifter and pouring its contents into the mixer's bowl. The man on the left is holding the mixer's handle. In the background, there is a green wall with some papers and a metal rack. In the foreground, there are some clear plastic containers with ingredients. A green banner with a white sunburst graphic is overlaid on the left side of the image.

Culinary Arts

Instructor

Ashley Mota

Courses

- Culinary Arts 1
- Culinary Arts 2

Culinary Arts

CAREERS

Baker, Caterer, Chef, Food Photography, Food Science, Nutritionist, Restaurant Management, Restaurant Owner, *and more*

25-26 HIGHLIGHTS

Culinary 2 students attended the U.S. Food Show where they served 800+ guests. Students:

- gained real-world experience in a culinary environment
- networked and worked with industry professionals
- demonstrated strong professionalism, teamwork, and composure
- received high praise and Chef Mota shared that they were an outstanding representation of the program

A man with short brown hair and a beard, wearing a light blue button-down shirt, is leaning over a wooden table. He is smiling and looking down at a young girl with long blonde hair who is sitting at the table. To the right, another young child with blonde curly hair, wearing a red and blue plaid shirt, is also sitting at the table and looking down. In the background, two other children are visible, one with short brown hair and another with longer brown hair. The room has wooden shelves on the wall with various items on them, including a blue bottle and some small objects. A green banner with a white sunburst pattern is overlaid on the left side of the image.

Early Montessori Education

Instructor

Natalie MacNeill

Courses

- Early Montessori Education 1
- Early Montessori Education 2

Early Montessori Education

CAREERS

Curriculum Developer, Early Childhood Educator, Education Consultant, Montessori Teacher, School Administrator, Tutor, *and more*

25-26 HIGHLIGHTS

- ECE 100G: Child Growth and Development (3 credits) Year 1
- ECE104G: Foundations of Early Childhood Education (3 credits) Year 2



Electrical Technology

Instructor

Dave McKenzie

Courses

- Electrical Technology 1
- Electrical Technology 2

Electrical Technology

CAREERS

Electrician, Electrical Inspector, Process Control Specialist, Solar Power Installer, Structured Cabling Specialist, *and more*

25-26 HIGHLIGHTS

Skills USA competition

Electrical Construction Wiring

- Student placed Gold
- Student placed Bronze

A young man with short brown hair, wearing a red t-shirt, stands with his arms crossed in the interior of an ambulance. He is smiling slightly at the camera. The background shows various medical supplies, including a yellow and red life vest on a chair, and a white cabinet with glass doors. To his right is a large white door with a black window and a silver handle. A green graphic overlay with a sunburst pattern is on the left side of the image.

Emergency Medical Technician

Instructor

Brian Nicholson

Courses

- Emergency Medical Technician

Emergency Medical Technician

CAREERS

Emergency Medical Technician (EMT,) Medical Field, Paramedic, Public Safety, *and more*

25-26 HIGHLIGHTS

A collaboration is in the works with FireMed of Hampton, NH to provide instruction and prepare students for EMT certification.



Fire Science

Instructor

Owen Ricker

Courses

- Fire Science

Fire Science

CAREERS

Arson Investigator, Firefighter, Fire Prevention, OSHA Technician, Public Safety, *and more*

25-26 HIGHLIGHTS

The Fire Science program has gained strong momentum this past year

- Next year's program is expected to be oversubscribed
- Planning to offer Firefighter I (FF1) certification next year — a major milestone since the program restructuring



Health Science

Instructor

Lisa Roy

Courses

- Health Science Technology 1
- Health Science Technology 2

Health Science

CAREERS

Health Administration, Nurse, Medical Doctor, Occupational/Physical/Speech Therapist, Psychologist, Radiology/ Ultrasound Technician, Social Worker/Counselor, *and more*

25-26 HIGHLIGHTS

- HST 1: Students completing NH Board of Nursing Requirements to obtain Nurse Assistant License. State Exam May 13. Anticipate 27 students will obtain license and work in Healthcare facilities this summer.
- HST 2: Clinical Job Shadows at WDH Mass General. Students rotate through 15 Different Departments (OR, Woman & Children, Pain, Endoscopy, Same Day Surgery, Oncology , etc.
-

A group of young men and women in Navy Junior Reserve Officer Training Corps uniforms are saluting. The woman in the foreground is wearing glasses and has her hand raised to her forehead. Other members are visible in the background, also saluting. The image has a green graphic overlay at the bottom.

Navy Junior Reserve Officer Training Corps

Instructor

Tom Gamble

Courses

- Leadership Education & Training 1
- Leadership Education & Training 2

The logo for the Navy Junior Reserve Officer Training Corps (NJROTC) is a dark green circle with the text "Navy Junior Reserve Officer Training Corps" in white. The circle is surrounded by a series of white lines radiating outwards, resembling a sunburst or a network. The background of the slide features a blurred image of a group of students in uniform, with a green wavy banner at the bottom.

**Navy Junior
Reserve Officer
Training Corps**

CAREERS

College Scholarship Opportunities, Enrollment to US Naval Academy/West Point/US Air Force/Trade School, or Apprenticeship, Military Personnel, *and more*

25-26 HIGHLIGHTS

- This year, we introduced a flight simulator through an Industry Recognized Credentials grant, and we are hoping to grow into drone operations.

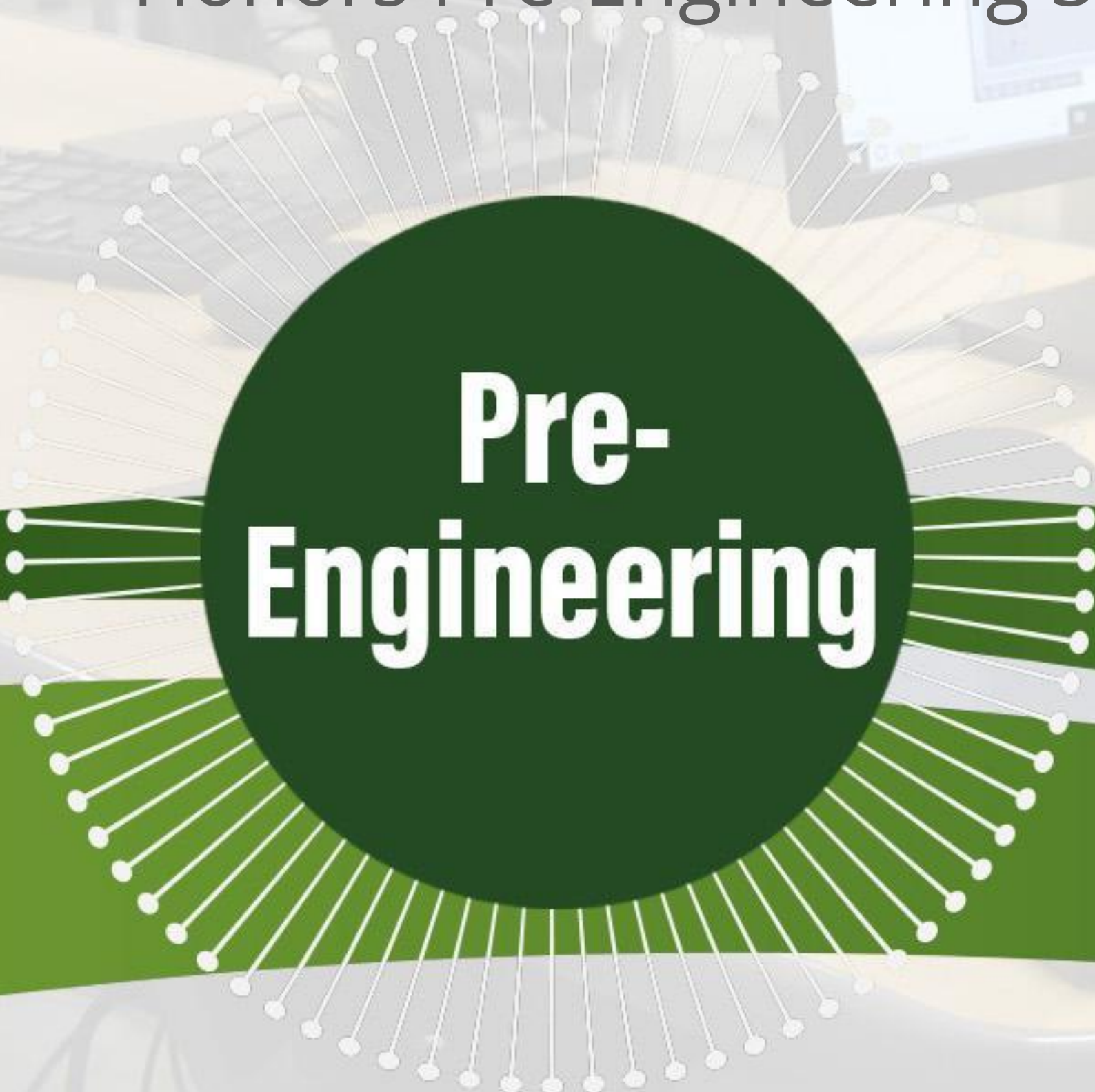
**Pre-
Engineering**

Instructor

Scott Duprat

Courses

- Honors Pre-Engineering 1
- Honors Pre-Engineering 2
- Honors Pre-Engineering 3



Pre-Engineering

CAREERS

Draftsman, Engineer, Engineering Instrumentation/Calibration Technician, Management, Manufacturing Technician, Surveyor, *and more*

25-26 HIGHLIGHTS

Solidworks Certification

- Seniors have been preparing this for their certification exam which will help prepare them for both college and the workplace.



A physical therapist, a woman in blue scrubs, is assisting a male patient in a gym. The patient is seated on a blue exercise ball, leaning back, and pulling a resistance band that is anchored to a ceiling. The therapist is standing behind him, holding the band to provide guidance. The background shows various gym equipment like treadmills and weight machines.

Sports Medicine

Instructor

Robin Hunt

Courses

- Sports Medicine 1
- Sports Medicine 2

Sports Medicine

CAREERS

Athletic Trainer, Physical Education Teacher, Physical Therapist, Personal Trainer, Strength and Conditioning Professional, *and more*

25-26 HIGHLIGHTS

- This semester 6 students are participating in an internship throughout all units at Wentworth Douglas Hospital hospital. One student was given the honor of telling a cancer patient of 8 years that she was cancer free!



Welding Technology

Instructor

Nicole Witham

Courses

- Welding Technology 1
- Welding Technology 2

Welding Technology

CAREERS

Aerospace, Food Grade Steel Welder, Jeweler, Pharmaceutical Welder, Pipe Welder/Pipe Fitting, Plumbing, *and more*

25-26 HIGHLIGHTS

Community installation

- Students are preparing the community sculpture for the Town of Barrington
- Final touches are now underway before transferring the piece to Auto Collision for paint
- Installation is planned for completion by the end of the school year
- Plans for next year include Barrington Middle School students voting on the sculpture theme to help build awareness of the trades

ROCHESTER

Accounting
Advanced Manufacturing *(Millwork)*
AFJROTC - Aviation STEM
Architectural/Mechanical Engineering
Automotive Service Technology
Banking & Financial Services
Business Commerce
Computer Networking & Telecommunications
Criminal Justice & Homeland Security
Dental Assistant
Environmental Science & Sustainable Studies
Graphic Design
Health Science Technology
HVACR *(Heating, Ventilation, Air Conditioning, and Refrigeration)*
Precision Machining
Restaurant Management
Teacher of Multiple Levels
Video & Photographic Arts

SOMERSWORTH

Animation & Web Design
Automotive Technology
Broadcast Technology
Building Trades
Culinary Arts
Design & Technology for Theater
iBEAM *(Innovations in Business, Entrepreneurship & Marketing)*
Medical Assisting
Pre-Engineering



NH Registered Educator Apprenticeship Program

by the National Collaborative for the Digital Economy



Goal

To build a “braided funding” model that reduces the cost of teacher preparation.



Who

Paraeducators employed in our schools who want to become certified teachers.



What

Financial aid for college certification, help with Praxis testing, and job-embedded training.



Partners

NCDE, Apprenticeship USA, NH College and Universities, Dover School District.

Dover School District

Specific Implementation & Support for the NH REAP



Pathway

Allows a pathway to teacher certification while working as a paraeducator.



Participants

Currently 4 paraeducators enrolled in the program.



Support

Regular meetings provided to help with funding and guidance.



Internships

Internships in Dover schools while working as paraeducators.