



Advanced Technology & Academic Center

**High Tech. High Demand. High Pay.**



**Great Bay**  
Community College

ROCHESTER, NH

## Our facility

The Advanced Technology & Academic Center (ATAC), located in Rochester, New Hampshire and serving students in Strafford County and beyond, is the newest campus of Great Bay Community College.

- 17,000 square feet of classroom, computer, academic support and state-of-the-art technology laboratories.
- Staff is prepared to serve 500+ students each semester.



## Advanced Manufacturing in New Hampshire



Manufacturing, one of New Hampshire's largest industries, has in recent years transformed itself from an "old technology" sector to an advanced industry with a vibrant future using cutting-edge technology including computers, robotics, and precision machines.

**ATAC provides highly technical composites manufacturing training** to serve job seekers, career builders and employers. ATAC offers a strong advanced manufacturing curricu-

lum, as well as a variety of courses in other academic fields. Composites manufacturing courses taught at ATAC will fulfill training needs for area manufacturers who are in need of motivated, skilled workers.



## Advanced Composites Manufacturing Program

### OPTIONS FOR ADVANCEMENT

#### Advancement Skills

Upon completion of Level 2, students have the option to continue in Technical or Leadership tracks.

### LEVEL 2: SPECIALIZED TRAINING

#### Coursework & Hands-on Learning

#### Choose 1 of 8 Areas of Specialty:

- Paint Operator
- Weaving Technician Preform Finishing
- Resin Transfer Molding Technician
- Bonding & Finishing Operator
- Quality Inspection & Coordinate Measuring Machine Technician
- Composites CNC Milling & Set Up
- Composites Repair Technician
- High Performance Composites Fabrication

### LEVEL 1: INTRODUCTORY SKILLS

#### Courses include:

- Introduction to Advanced Composites
- Applied Math & Measurement
- Technical Blueprint Reading

Manufacturing Photo Credits: Albany Engineered Composites

## Current Employment Statistics NH Nonfarm Employment, Hours and Earnings Statewide

*Not Seasonally Adjusted*

Publish Industry Title	Average Weekly Earnings	
	Apr-13	Mar-13
Total Private	\$825.11	\$804.77
Goods Producing	\$1,031.49	\$1,020.87
Private Service Providing	\$786.02	\$762.41
<b>Manufacturing</b>	<b>\$1,050.72</b>	<b>\$1,044.50</b>

Release date: March 14, 2013



Advanced manufacturing is part of New Hampshire's largest industry sector, making up 19% of the state's economy and paying out \$6.4 billion in wages/benefits annually to 80,000 employees.



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## ADVANCED TECHNOLOGY & ACADEMIC CENTER

### ASSOCIATE DEGREE PROGRAM

Technical Studies

### CERTIFICATE PROGRAMS

Advanced Composites Manufacturing

#### Concentrations in:

- Paint Operator
- Weaving Technician & Preform Finishing
- Resin Transfer Molding (RTM)
- Bonding/Finishing Operator
- Composites Repair Technician
- High Performance Composites Fabrication
- Quality Inspector and Coordinate Measuring Machine (CMM) Operator
- Composites Milling/CNC Set-up Operator

### OTHER

WorkReadyNH

## ADDITIONAL DEGREE PROGRAMS OFFERED AT GREAT BAY COMMUNITY COLLEGE

Contact ATAC for program and courses offered specifically at the Rochester Center.

### ASSOCIATE DEGREE PROGRAMS

#### Business

- Accounting
- Health Information Technology
- Hospitality Management
- Liberal Arts Business Studies
- Management
- Marketing

#### Computer & Technical

- Computer Technologies
- Digital Media Technology
  - Digital Communications
  - Game Programming
- Information Systems Technology
- Technical Studies

#### Criminal Justice

- Criminal Justice

#### Education

- Early Childhood Education
- Liberal Arts Teacher Preparation

#### Health

- Massage Therapy
- Nursing
- Surgical Technology
- Veterinary Technology

#### Liberal Arts

- Liberal Arts
  - American Studies
  - Biological Sciences General Biology
  - Biological Sciences University Transfer
  - Business Studies
  - Chemistry
  - Engineering Science
  - Environmental Studies
  - Teacher Preparation

#### Science

- Biotechnology
- Liberal Arts
  - Biological Sciences General Biology
  - Biological Sciences University Transfer
  - Chemistry
  - Engineering Science
  - Environmental Studies

### CERTIFICATE PROGRAMS

#### Business

- Accounting
- Event/Meeting Planning
- Hotel & Restaurant Management
- Management
- Marketing
- Spa Management

#### Computer & Technical

- Advanced Composites Manufacturing (at ATAC)
- Digital Design & Animation
- Information Systems Technology
- Linux
- Programming

#### Criminal Justice

- Homeland Security

#### Education

- Early Childhood Education
- Early Childhood Education Advanced
- Teacher Preparation Special Education

#### Health

- Massage Therapy
- Medical Office Administrative Assistant
- Veterinary Practice Management

#### Science

- Biotechnology
- Biotechnology Advanced\*

\*This certificate program is not eligible for Financial Aid.

This program or product is sponsored by (or in part by) a \$19.97 million grant from the U.S. Department of Labor, Employment & Training Administration TAACCCT Grant #TC-22504-11-60-A-33.

The Community College System of NH is an equal opportunity employer, and adaptive equipment is available upon request to persons with disabilities.



ATAC is accessible via the COAST bus line.



**WorkReadyNH** is an initiative of the Community College System of New Hampshire, the Office of Governor, the

NH Department of Resources and Economic Development, and the NH Department of Employment Security. Now also funded by a federal TAACCCT grant, WorkReadyNH helps job-seekers and career builders improve their skills and add nationally recognized credentials to their resumes.

WorkReadyNH helps companies foster a skilled workforce and find qualified applicants and employees. The program provides assessment, instruction and credentialing in key skill areas, identified by employers as essential to workplace success.

**For more information go to:**

[ccsnh.edu/workforce-training/workready-nh](https://ccsnh.edu/workforce-training/workready-nh)

#### **ATTENTION EMPLOYERS:**

**Do you need industry-specific employee training on your schedule, at your location? Great Bay Community College can help. Our quality employee training programs can be custom-designed and delivered to your specifications. We use subject matter experts with industry experience, who know how to deliver the results you desire.**

**For more information contact the Business & Training Center at 603.427.7652 or [greatbaybtc@ccsnh.edu](mailto:greatbaybtc@ccsnh.edu)**



**Great Bay**  
Community College

#### **GET STARTED**

##### **Rochester**

##### **Advanced Technology & Academic Center**

5 Milton Road, Unit 32  
Rochester, NH 03867

1.800.522.1194 (NH Only)

[gbrochester.com/getstarted](https://gbrochester.com/getstarted)

##### **Portsmouth**

##### **College Services One Stop**

320 Corporate Drive,  
Portsmouth, NH 03801

603.427.7610

1.800.522.1194 (NH Only)

Email: [askgreatbay@ccsnh.edu](mailto:askgreatbay@ccsnh.edu)

[greatbay.edu](https://greatbay.edu)

**COMMUNITY COLLEGE**  
system of New Hampshire

**AMPED**