Advanced manufacturing is part of the state's largest industry sector, making up 19% of New Hampshire's economy. The economic impact of jobs in advanced manufacturing far exceeds that of jobs in other industries. The Advanced Composites Manufacturing program at Great Bay prepares participants with skills and knowledge required for jobs in the high growth fields of composites manufacturing and aerospace.

The program is offered at the College's Advanced Technology & Academic Center in Rochester, NH. Introductory courses provide opportunities for students to experience working in a modern, clean, hands-on training lab while learning and applying skills critical for success. In addition to a mechanical aptitude, students interested in the program should have keen attention to detail and demonstrate a desire for quality. They must also enjoy learning in a hands-on way and working as part of a team.

The program consists of two levels and can be completed in 6 months. The introductory level is designed to provide students with an overview of advanced composites manufacturing and to help them select an area of specialization based on interest, ability, and job outlook. During Level 2 training, students will complete general fundamental manufacturing courses and concentrated courses of study leading to machine operator certificates with one of 8 specializations:

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

Careers in Advanced Composites Manufacturing

Many students will enter the workforce after completing level 2. They may continue to learn as they earn by studying in either technical or leadership tracks. A leadership path could provide opportunities to become a team leader within their specialization. A technical path could lead to increased skill level and potential certification by the Society of Manufacturing Engineers as a Certified Manufacturing Technologist.
Admissions Checklist

- **Apply** – Complete your application online at www.greatbay.edu or submit a paper application and your $20 application fee to the College Services One Stop in person, or by mail.

- **Transcripts** - Request your high school transcripts or official GED scores. In addition, request any college transcripts for transfer credit evaluation. Your file will be reviewed for transfer credits after you have been accepted to the program. If you wish to have an unofficial transfer evaluation done, please complete an Unofficial Transfer Evaluation form and submit it to the College Services One Stop.

- **Advanced Composites Manufacturing Admissions Criteria** – Applicants must complete the following to be considered for Admissions into the Advanced Composites Manufacturing program:
  
  a. Interview with a member of the College Admissions Department.
  
  b. Complete the Accuplacer placement testing or waiver equivalencies. Place into MATH080, CIS110 or higher or college level Reading.

- **Registering for a class** – Our Advising Center will assist you through this process. Please refer to the Placement Testing & Advising Worksheet found online at www.greatbay.edu/admissions

- **Paying for College** – Great Bay Community College has several flexible methods to pay for your college education. You can use a payment plan, pay in full or use third party benefits such as VA Benefits or company reimbursement.

Questions? Ask Great Bay! For more information, contact the Admissions Office at Great Bay Community College’s Advanced Technology & Academic Center at 1-800-522-1194 or e-mail askgreatbay@ccsnh.edu

**New Great Bay Community College Campus in Rochester, NH**

**Advanced Technology & Academic Center**

The Advanced Technology & Academic Center is an extension of Great Bay Community College with a focus on technical, composites manufacturing, and academic courses that serve New England job seekers and business owners.

**FOR MORE INFORMATION:**
Great Bay Community College
Advanced Technology & Academic Center
5 Milton Road
Unit 32
Rochester, NH 03867
www.gbrochester.com
1.800.522.1194

AMPed NH 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.