

The Basics

- ◆ **Advanced Manufacturing is a new way of making things.** Thanks to new technology, most products are now made with complex equipment, which requires highly-skilled technicians who often work in teams to brainstorm and problem-solve.
- ◆ **Salaries in the Metro North region can start at** about \$18 per hour, and average \$25 per hour!
- ◆ **If you like to work with your hands,** put things together, solve problems, see the end result, use hand and power tools, operate equipment or machinery, or draw, design, and be creative, advanced manufacturing may be the right career path for you!

Want to Learn More?

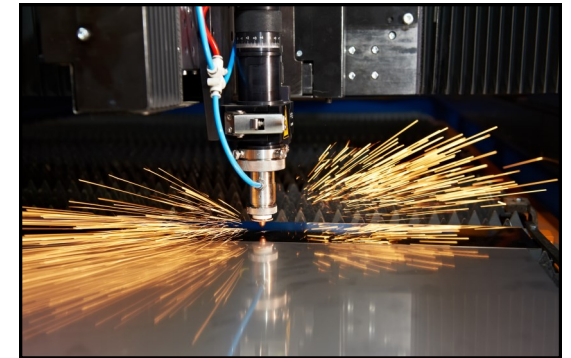
For more information, please contact your school guidance counselor or the Metro North Youth Program representative:

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How about a career in...

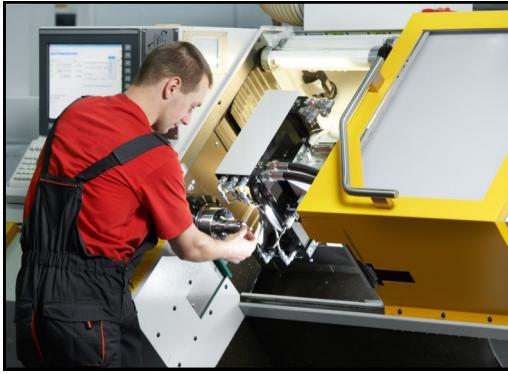
Advanced Manufacturing?



Did You Know?

Most jobs in advanced manufacturing today are highly-skilled; well-paid; and located in clean, high-tech environments

(You're going to want to read this one)



Is it Hard to Get Work?

Advanced manufacturing is growing at a record pace in Massachusetts, and since many current workers will soon be retiring, there is a need for a new, qualified workforce which can help shape the future of the industry. Recent surveys show that over 60% of Massachusetts-based manufacturing companies will grow over the course of the next decade, adding over 100,000 new jobs — an indicator that job security in this sector will remain strong for many years to come.

Explore the Possibilities!

Aerospace ♦ Biotechnology ♦ Electronics
Automotive ♦ CNC Machining ♦ Robotics
Engineering ♦ Pharmaceutical ♦ Clean Technology

How Much Can I Earn?

Earnings in this sector are often highly dependent on an employee's training and experience. A typical annual salary for an experienced machinist in the Metro North* region, for example, is \$60,000 per year. Higher salary ranges within the advanced manufacturing sector are generally in the high-tech and medium-tech durable goods industries, including computers and peripheral equipment, pharmaceutical and medical equipment, aerospace products, and electrical equipment.

** The Metro North region is comprised of the following cities and towns: Arlington, Belmont, Burlington, Cambridge, Chelsea, Everett, Malden, Medford, Melrose, North Reading, Reading, Revere, Somerville, Stoneham, Wakefield, Watertown, Wilmington, Winchester, Winthrop, and Woburn.*

Education and Training

High school courses in math and science will help you to lay the foundation for a career in advanced manufacturing. As is true with most professions, however, additional training and education beyond high school will serve to elevate your career and earning potential over the long-term. For more information about training options, please contact your high school guidance counselor or a Metro North youth program representative (please see back panel for contact information).

