



EXPLORE A CAREER IN ADVANCED MANUFACTURING

DESIGN, BUILD, AND POWER THE FUTURE.



What is Advanced Manufacturing?

Advanced manufacturing is a fast-growing field focused on creating and improving the products we use every day. It combines technology, design, and hands-on skills to build things like robots, airplanes, submarines, and energy systems. From high-tech machines to digital tools, these careers help power industries and shape the future.

Do These Sound Like You?

- I like building and fixing things
- I enjoy working with machines or tools
- I'm curious about how things work
- I like hands-on activities
- I want to invent or create something

Key Aptitudes

- Mechanical reasoning
- Process thinking
- Math and measurement skills
- Spatial awareness

Values That Matter

- Precision and efficiency
- Innovation and quality
- Craftsmanship
- Safety

Employable Skills That Shine

- Teamwork
- Hands-on technical skills
- Attention to detail
- Problem-solving

Career Examples

- CNC Machinist
- Industrial Maintenance Technician
- Robotics Operator
- Aerospace or Automotive Assembler

Try On A Career Playing Maker Mojo

- Gear up to build a brighter future
- Design rocket shoes and flying cars
- Program cobots and team up with robots
- Explore futuristic worlds and unlock skills that pay

Next Steps!

- Ask about your school's Manufacturing or Engineering CTE pathway
- Talk to your counselor about manufacturing courses or local programs
- Follow ManufactureCT, Connecticut's manufacturing organization, a statewide network of leaders, innovators, and changemakers working together to shape the future of one of the state's most vital industries. manufacturect.org

MANUFACTURE



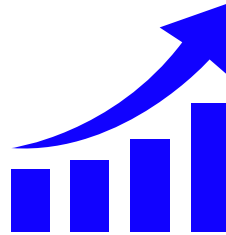
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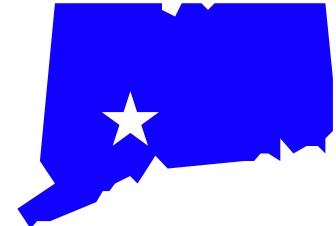
ANSONIA ADVANCED MANUFACTURING INDUSTRY SNAPSHOT



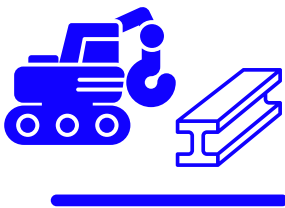
3 out of 4 of our Advanced Manufacturing jobs do not require a 4-year degree



The Ansonia regional Advanced Manufacturing industry is projected to grow approximately 20% by 2030



About 4,600 manufacturing companies are based in the Ansonia regional Labor Market



The heavy machinery and metal industries have been a major driver for the area's manufacturing growth



There are currently about 1,200 Advanced Manufacturing job openings in the Ansonia area



The average hourly wage in Advanced Manufacturing is over \$45/hour

Regional Manufacturing Employers

- Radiall USA, Inc
- ASML
- United Aluminum Corp
- Honeywell
- Penn Globe
- Electric Boat
- Medtronic

Local Manufacturing Colleges/Universities

- Quinnipiac University
- Yale University
- UCONN
- University of New Haven
- University of Bridgeport
- University of Housatonic
- Albertus Magnus College

Training Programs

