

MANUFACTURING YOUR FUTURE

PAID AFTER-SCHOOL
MANUFACTURING TRAINING
PROGRAM BEGINNING
APRIL 12, 2021

10 Training Seats Available
Sign-Up Today!!!

Waterbury Public Schools Manufacturing Pre-Apprenticeship Certificate Program

Get paid while learning in this after-school manufacturing training program!

On a national level..


Manufacturers today are reorganizing to meet global competition. They're working smarter by adopting more efficient processes, such as lean manufacturing that focuses on ways companies can cut costs and production time by reducing overproduction, waiting time, transportation, processing, inventory, motion, and scrap in manufactured products.

Jobs are no longer repetitive.

There are also many opportunities for advancement, and salaries average more than \$40,000 a year, with many jobs paying significantly more than that.

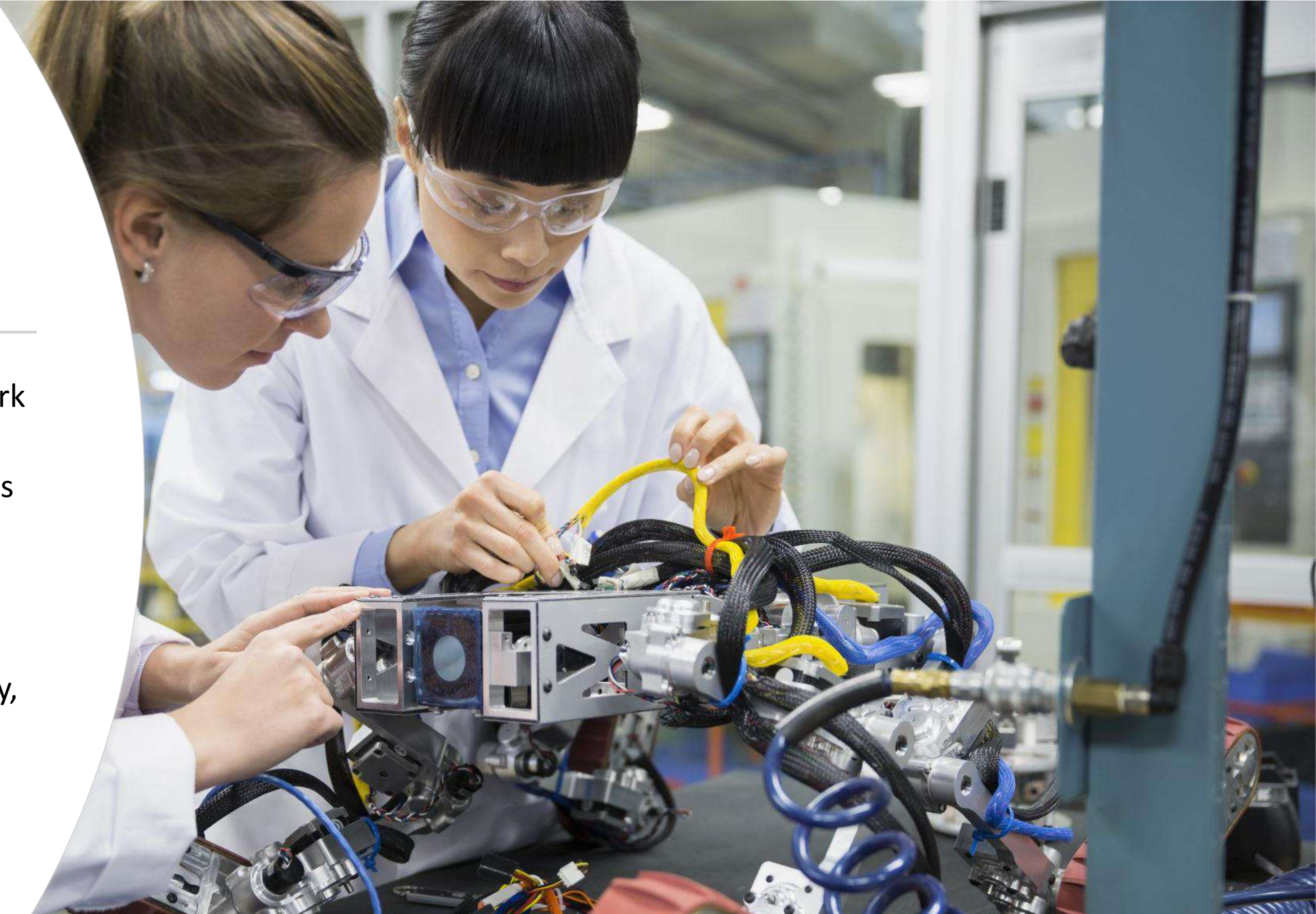


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What do you know about Connecticut Manufacturing?

- Half of the top 100 companies headquartered in CT are manufacturers.
- \$12.4 billion in wages and salaries are earned annually by CT manufacturing employees.
- CT ranks second in U.S. defense contracts, at \$3,487 per capita, and provides parts for more than half of the world's commercial airplanes.
- Each new job in the key areas of CT manufacturing creates 1.9 to 4 additional jobs throughout the economy.
- Average annual pay for a CT manufacturing production worker is \$47,000; for engineers, \$80,000.
- Weekly pay for manufacturing employees averages \$1,000.



Manufacturing might be for you if?

- Enjoy figuring out how things work
- Like solving practical problems
- Enjoy developing new techniques and products
- Like taking things apart and putting them back together
- Have an interest in making things—especially using technology, electronics, lasers, and robots
- Enjoy working in teams

Program Timeline

Manufacturing Training in two phases

- 1st Phase – begin manufacturing course work and hands on machine training at the MASC facility (110 Hrs. avg.)
 - 2nd Phase – Job shadow a minimum 72 hours at a state approved local mfg. company (Paid)
- Spring 2021 Wtby HS Mfg. Certification program: **(For current Juniors and Seniors)**
 - 1st phase starts April 12, 2021 with a projected end date of June 4, 2021
 - Monday through Thursday, 3pm to 6pm
 - 2nd Phase – (Potentially interview with local industry) Exclusively for phase 1 successful completers
 - Summer 2021 Wtby HS Mfg. Certification program: **(For current Juniors)**
 - 1st phase starts July, 2021 and ends August, 2021.
 - Monday through Thursday, 8am to 1pm
 - 2nd Phase – (Potentially interview with local industry) Exclusively for phase 1 successful completers

About the program

- The Mfg. Pre-Apprenticeship Program is designed to introduce students to the fundamentals of precision manufacturing
- **Program Requirements:**
 - 11th and 12th Grade Students Enrolled at Crosby, Kennedy, WAMS, Wilby high schools
 - Meet Family Income Eligibility Guidelines (Free or Reduced lunch)
 - Passed Algebra 1 - minimum
 - Passed 10th Grade English – minimum
 - Report Cards, Transcripts (Grades, Attendance)
 - Ability to commit to 7-10 week program (No Winter/Spring Sports)





More information

- Students accepted into program will be paid minimum wage for all training hours in phase 1 and 2 (NRWIB).
- Transportation provided from each school to the MASC facility. City bus pass provided to get home. (Parents can also provide rides home)
- After-school snack during the school year, Breakfast and Lunch during the summer

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What skills & characteristics would help me succeed & advance?

- Literacy and communication skills
- Ability to work with existing technology
- A desire to learn new skills/technologies
- Strong math, science, and problem-solving skills
- Teamwork/interpersonal skills
- Cross-training—the ability to transfer skills and learn new ones in order to perform many functions in the workplace
- Professionalism, including punctuality, positive attitude, and appropriate attire
- Ability to work successfully with people from diverse backgrounds and cultures



What are average salaries in manufacturing with a high school diploma or associates degree?

For individuals with a high-school diploma/ apprenticeship and/or associate degree

CNC Programmer.....	\$55,000 (to \$68,000 w/4-year degree)
CNC Operator.....	\$38,000
Machinist.....	\$46,000
CAD Drafter	\$55,000
Welder	\$41,000
Manufacturing Technician.....	\$40,000
Engineering Technician.....	\$64,000
Tool and Die Maker	\$60,000

What are average salaries in manufacturing with a bachelor's degree?

For individuals with a bachelor's degree

Manufacturing Engineer	\$78,000
Biomedical Engineer	\$82,000
Mechanical Engineer.....	\$81,000
Aerospace Engineer	\$87,000
Electrical Engineer.....	\$82,000
Chemical Engineer.....	\$88,000



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What are some opportunities in manufacturing?

Manufacturing Engineers

Manufacturing Technicians

Machinists

Drafters (CADD—Computer Aided Design and Drafting)

Welders

CNC Programmers and Operators

Tool and Die Makers

How to get started

- Go to CYEPnorthwest.com, sign up using a valid email address
- Complete a brief assessment
- Fill out application entirely
- Upload the following documents
 - State Picture ID or Picture ID with school name and school year
 - Birth Certificate
 - Social Security Card
 - 2021 current report card or transcript that includes complete name, school name, and school year
- No Tax Info Needed
- Email Program Coordinator after applying
- Kevin Canady, Program Coordinator, kevin.canady@nrwib.org



CONTACT

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