



MANUFACTURING CAREER PATHWAY SNAPSHOT

ADVANCED MANUFACTURING



ADVANCED MANUFACTURING is a vibrant, dynamic and growing industry within the South Shore, as well as throughout Southeastern Massachusetts. As the 5th largest industry in Southeastern MA, Manufacturing provides a variety of quality and sustainable employment opportunities for all skill levels. Industry trends predict that with the continued evolution of new technology and innovation, manufacturing will remain on a positive growth trajectory over the next ten years.



WHY A CAREER IN ADVANCED MANUFACTURING?



Innovation and technology have expanded the manufacturing sector, and the industry is considered one of the top business sectors in the Commonwealth of Massachusetts.



Home to over 400 manufacturing companies, the South Shore of MA has a steady supply of employment opportunities at all levels.



While there are many great opportunities for people who want to be hands on and part of the production process, there are a wide range of jobs in sales, marketing, accounting, quality control, purchasing, engineering and other areas within the company operations.



Manufacturing workers take home an average of \$20,000 more per year than the average non-manufacturing employee in MA. An average yearly salary and standard benefit package of a mid-career employee in manufacturing is \$83,630 on the South Shore.



Today, careers in manufacturing require a higher skill level than in the past, and the industry provides training programs and tuition reimbursement to foster sustainable career growth opportunities.

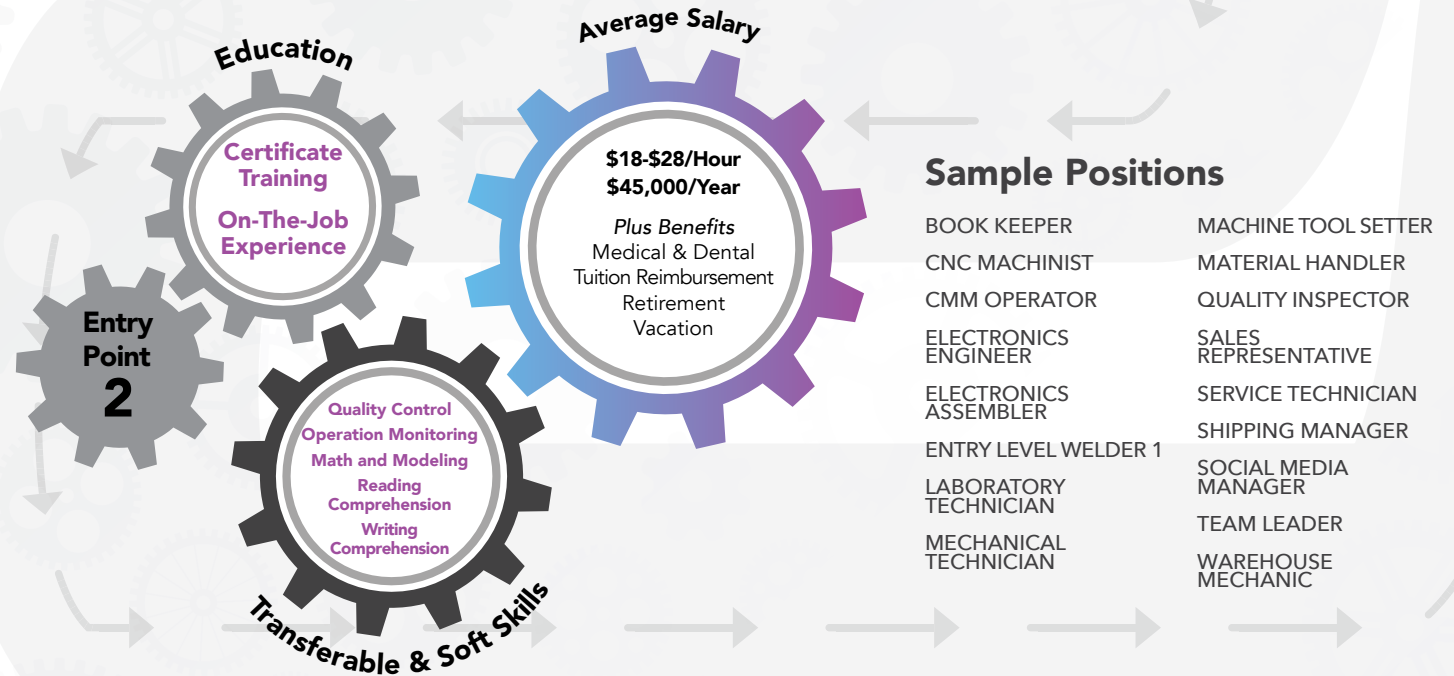
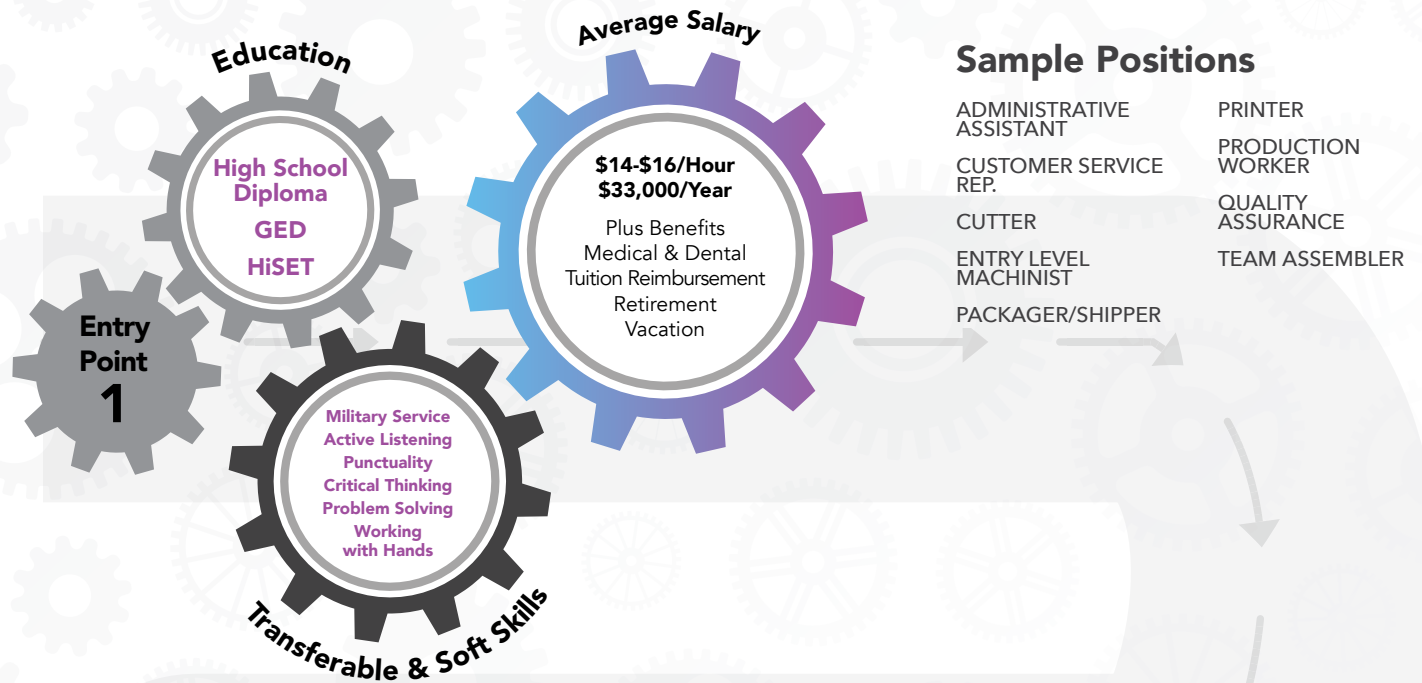
ADVANCED MANUFACTURING CAREER PATHWAYS

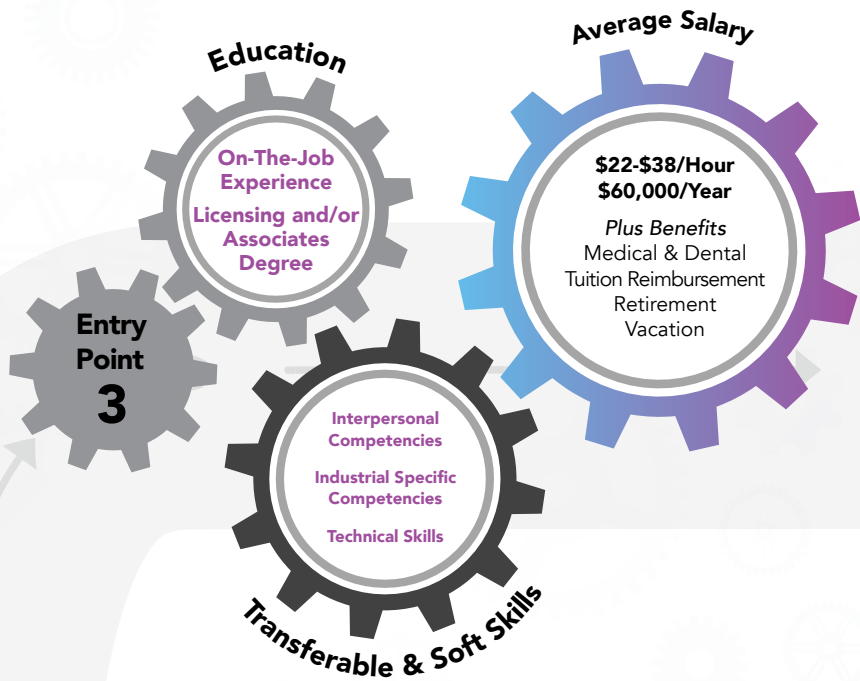
LEVEL 1-4

Manufacturing companies offer different salary and benefit structures, and the information provided is an average industry standard for the region.

PATHWAYS TO ADVANCEMENT

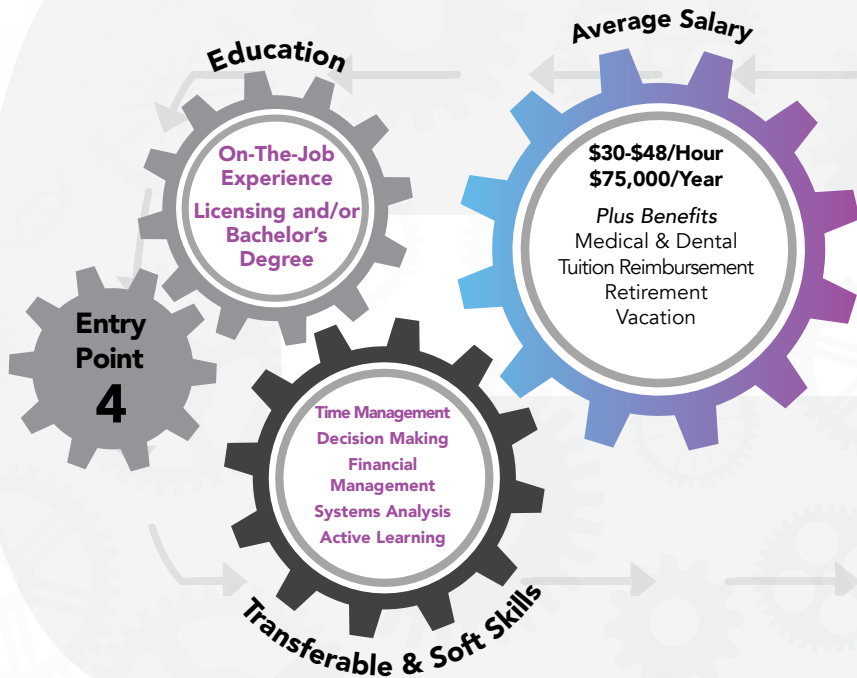
A variety of advancement opportunities are available through experience and on-the-job training, licensing, certification classes and/or college credit courses. Obtaining a Master's Degree will provide additional advancement to senior level positions, with potential salaries of \$100,000+.





Sample Positions

- | | |
|------------------------------|------------------------|
| ACCOUNTANT | MAINTENANCE TECHNICIAN |
| CAD DESIGNER | MECHANICAL DRAFTER |
| CUSTOMER SERVICE MANAGER | PROCUREMENT/BUYER |
| DIGITAL MARKETING SPECIALIST | QUALITY MANAGER |
| ELECTRICAL DRAFTER | QUALITY TECHNICIAN |
| LAB MANAGER/SUPERVISOR | WEB DESIGNER |
| MACHINE SET-UP OPERATOR | WELDER II |



Sample Positions

- | | |
|---------------------------|--|
| BUSINESS ANALYST | MECHANICAL ENGINEER |
| COMPUTER TECHNICIAN | MACHINE PROGRAMMERS/OPERATORS RESEARCHER |
| COMPUTER ENGINEER | MARKETING MANAGER |
| CYBER SECURITY SPECIALIST | MATERIALS ENGINEER |
| ELECTRICAL ENGINEER | OPERATIONS MANAGER |
| FINANCIAL CONTROLLER | PUBLIC RELATIONS MANAGER |
| GENERAL MANAGER | PURCHASING AGENT |
| HUMAN RESOURCE MANAGER | SALES REPRESENTATIVE |

IS A CAREER IN MANUFACTURING FOR YOU?

Manufacturing companies use advanced production techniques to develop a wide range of products we use every day. In manufacturing you will enjoy a career in high-tech machinery and cutting edge software in a variety of in-demand markets including Medical, Information Technology, Defense and Renewable Energy. Working as part of a team in a creative, professional environment, you will earn an average yearly salary of \$45,000 with an Associates Degree and upwards of \$75,000 with a Bachelor's Degree.

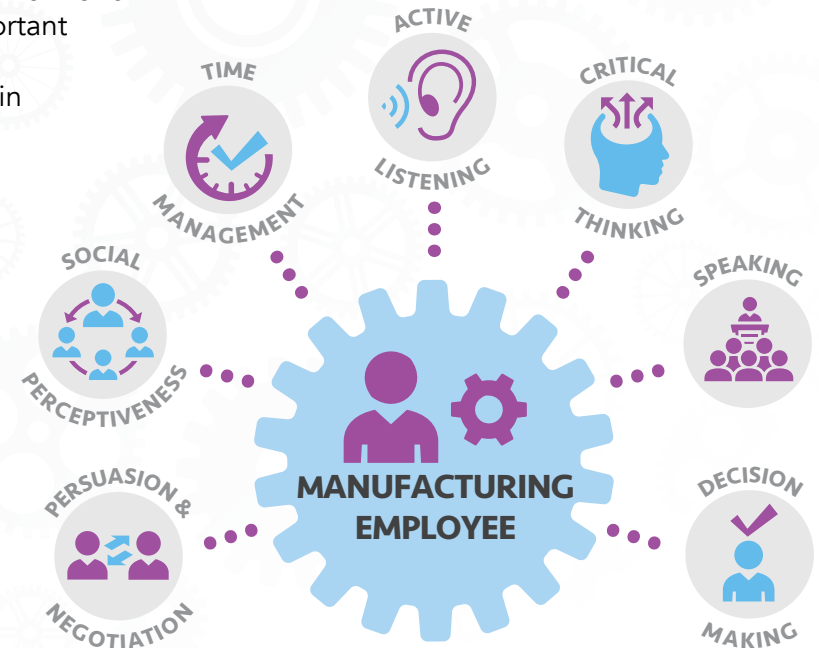
If you enjoy making things, or want to be part of a company that does, a career in manufacturing may be ideal for you. An appealing facet of the manufacturing sector is the ability to transfer your skill set to the various roles within each company. While many jobs involve working directly on machines, they are not the only career opportunities in this industry. The manufacturing industry employs professionals in Marketing, Sales, Financial management, Administration, Public Relations, Human Resources and Research and Development.

Whether you have strong technical skills and prefer working with your hands or like to solve problems with logic and reason, a manufacturing career has boundless opportunities for you.

APPLY SOFT, TECHNICAL AND TRANSFERABLE SKILLS TO A MANUFACTURING CAREER

The necessary level of skill attainment might differ by occupation and manufacturing sector, however employers most often indicate that their employees need an array of soft skills as well as technical knowledge and hands-on experience.

Many skills are transferable from one career to another. It is important to self-identify these skills when considering a career in manufacturing. Such basic skills as reading, writing, listening and speaking are often considered just as important as management, research, planning, computer and technical skills. Recognizing things that you are good at such as working with your hands, thinking logically and drawing images can be easily transferable from one type of manufacturing position to another.



Manufacturers also indicate that Liberal Arts-based skills are imperative to an efficient and effective workforce, as they provide foundational understanding of processing and assessing information.

For additional information and obtain a Full Career Pathway Guide please visit www.MassHireSouthShorewb.com.



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