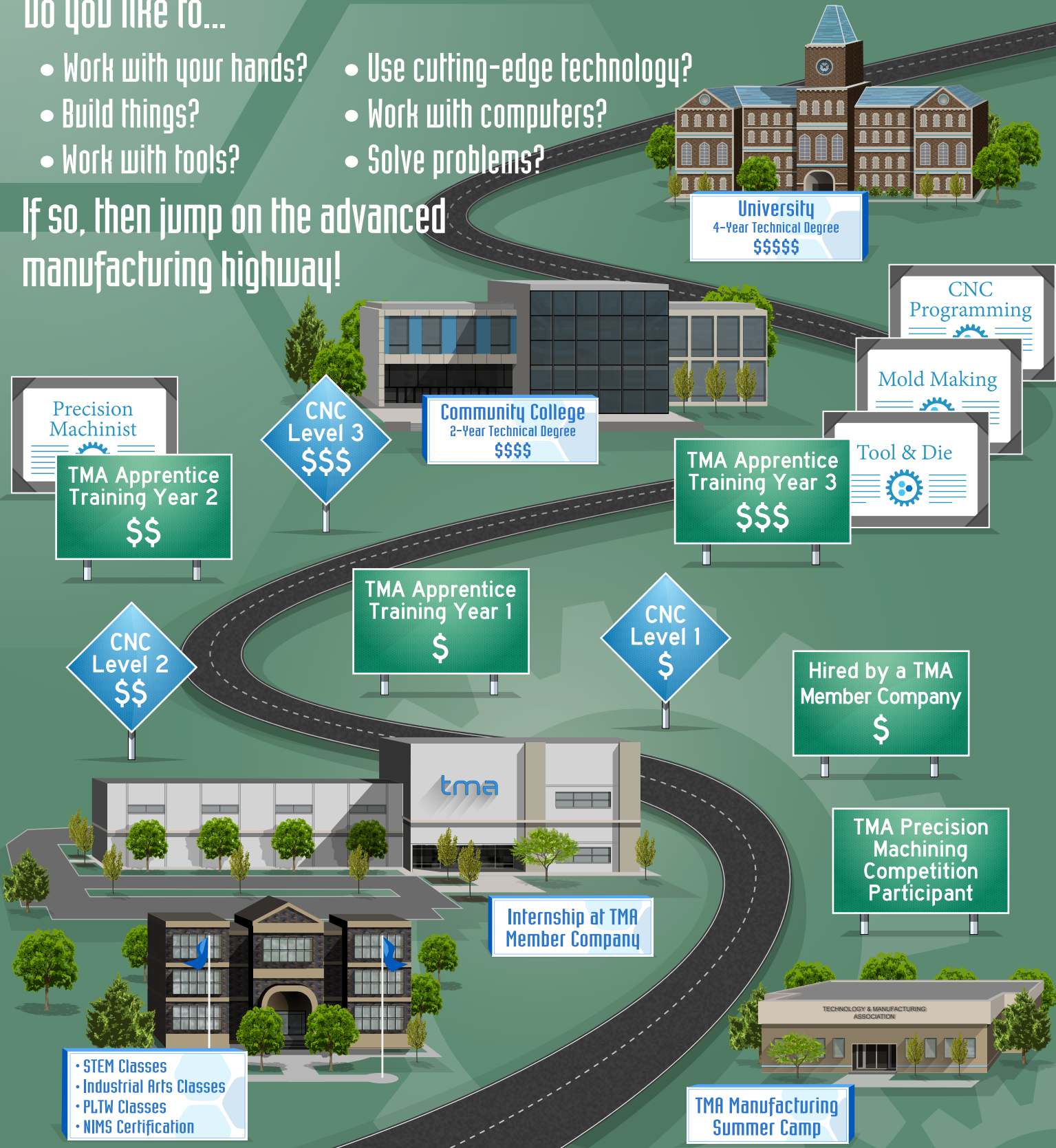


Advanced Manufacturing Career Highway

Do you like to...

- Work with your hands?
- Build things?
- Work with tools?
- Use cutting-edge technology?
- Work with computers?
- Solve problems?

If so, then jump on the advanced manufacturing highway!



Tool & Die

- tool & die makers set up and operate a variety of computer-controlled or mechanically-controlled machine tools to produce precision metal parts, instruments, and tools
- tool & die makers earned \$18 - \$31 per hour in 2012

Welding

- welders, cutters, solderers and brazers weld or join metal parts
- welders also fill holes, indentions, or seams of metal products, using hand-held welding equipment
- welders earned \$15 - \$29 per hour in 2012

Manufacturing Engineer

- manufacturing engineers direct and coordinate the processes for making things--from the beginning to the end
- as businesses try to make products better and at less cost, it turns to manufacturing engineers to find out how
- engineers can earn from \$45,000 - \$100,000 per year, depending on education and experience

Mold Making

- mold makers design, build and repair molds and models used in industry to mass-produce plastic or metal components and products
- mold makers may use hand-molding techniques for small quantities of items but will often use computer and industrial technology to produce large numbers of identical items
- mold makers earned \$18 - \$33 per hour in 2012

Industrial Maintenance Mechanic

- industrial machinery mechanics and maintenance workers maintain and repair factory equipment and other industrial machinery, such as conveying systems, production machinery, and packaging equipment
- industrial maintenance mechanics earned \$15 - \$32 per hour in 2012

Quality Control Inspector

- using state-of-the-art computer programs and machines, quality control inspectors examine products and materials for defects or deviations from manufacturers' or industry specifications:
- quality control personnel earned \$13 - \$30 per hour in 2012

CNC Operator/Programmer

- CNC operators and programmers input highly-detailed instructions into a computer system that guides robotic arms and tools to perform precision machining jobs.
- skilled CNC programmers are able to greatly improve the efficiency of production and the quality of finished products
- CNC operators/programmers earned \$13 - \$35 per hour in 2012

If you think a career in manufacturing could be for you, check out these career paths. Then get in touch with TMA so you can determine the next steps on the path to your new career.