



CNC MACHINING TECHNOLOGY

DESIGN YOUR FUTURE

NASCAR Technical Institute's 36-week CNC Machining Technology program will provide the hands-on training and high-tech skills you need to start a career as a computerized numerical control (CNC) machinist. The curriculum also includes continuous improvement practices in the machining process that will prepare you to become an innovative, effective and efficient machinist.

CNC machinists are in demand and this exciting program will provide you the knowledge and skills to produce a wide range of precision products, including high-performance engine parts, industrial components and medical equipment. From aerospace and parts manufacturing to motorsports and machine shops, you'll gain skills that can prepare you for a variety of industries. And no matter what field you choose to pursue, you'll have the distinction of training at the only CNC machinist school developed in partnership with Roush Yates Engines, maker of parts for the motorsports industry and winning racing teams, as well as some of the industry's leading CNC manufacturing and engineering experts.

BENEFITS:

- + Train for a growing field with employment opportunities in numerous industries
- + Get the skills you need to program and operate state-of-the-industry equipment for creating and engineering precision parts
- + Learn skills from reading blueprints and interpreting geometric dimensioning and tolerancing to the programming, setup and operation of CNC lathes and mills
- + Prepare to test for the National Institute for Metalworking Skills (NIMS) credentials

To learn more, visit UTI.edu/CNC



*UTI cannot guarantee employment or salary.

YOUR COURSES WILL INCLUDE:

- + Basic Machine Shop Skills
- + Mathematics, Materials and Maintenance
- + Interpreting Blueprints/Job Layout
- + Manual Machining Basics
- + Manual Machining on the Lathe
- + Manual Machining on the Mill
- + CNC Basics
- + CNC Turning
- + CNC Milling
- + CAD and CAM

*As Roush Yates continues to focus on innovation and performance improvement in the motorsports industry, CNC machinists will play a vital role in our success. We look forward to a continued partnership with UTI and to hiring graduates from their new CNC Machining Technology program.**

Doug Yates –
CEO, Roush Yates Engines





WHAT IS CNC?

From common items like pens and cups to complicated electronic equipment and heavy machinery, many products are made by computer numeric controlled (CNC) machinists. CNC machinists set up and operate special equipment to produce parts and tools from metals, plastics and other materials.

Behind every CNC machine is software that programs the tool to precisely cut, grind or drill into materials based on the product design. Instead of cutting by hand, CNC machines use lasers and other techniques to create any shape desired. And behind every computer is a programmer — an expert in CAD/CAM software.

CNC MACHINING TECHNOLOGY CAREER OPPORTUNITIES AND JOB OUTLOOK

From mass-produced car parts to precision parts used in aviation, CNC machinists make a variety of products. Skilled machinists can pursue many opportunities in the transportation, aerospace, industrial, construction, oil and gas, mining, agriculture, motorsports and medical fields.

- The U.S Bureau of Labor Statistics reported about 148,800 computer-controlled machine tool operators, metal and plastic were working in the nation in 2014. Additionally, employment of these machinists is projected to grow 17.5 percent from 2014 to 2024.*
- The manufacturing industry in America is growing, which means more job opportunities.
- As manufacturers invest in new equipment, modify production techniques and implement product design changes more rapidly, they will continue to rely heavily on experienced machinists.

WHAT YOU CAN DO

Potential CNC Machining Opportunities**

Entry-Level Positions

Operator
Quality Control Technician
Apprentice Machinist
Quality Control Technician
Machined Parts Inspector

Mid-Level Positions

Manual Operator
CNC Mill Operator
CNC Operator
Setup Technician

Manual Setup Technician
CNC Setup Technician
Machinist

WHERE YOU'LL TRAIN

The CNC Machining Technology program will be available at NASCAR Technical Institute's campus in Mooresville, NC. Classes are scheduled to begin in August 2017.

WHEN YOU'RE READY TO START

To learn more about the CNC Machining Technology program, visit UTI.edu/CNC or call **800-335-2809**.

If you want to use your skills to create a useful product and start a new career, CNC machining is for you!



Photos are stock images and do not depict UTI students.

*Based on data compiled from the U.S. Bureau of Labor Statistics, Employment Projections (2014-2024), www.bls.gov, viewed Feb. 23, 2017.

**UTI cannot guarantee employment or salary. UTI graduates' achievements may vary.

For information about our graduation rates and other important information, visit our website at www.uti.edu/disclosure.