



Introduction to CNC Basics



WORKFORCE Solutions

DEVELOP THE MACHINING SKILLS NEEDED IN INDUSTRY

Continuing our mission of providing the most advanced and impactful workforce development training in the U.S., TEEX has partnered with the world-renowned Machine Training Solutions (MTS) to deliver the Introduction to Computer Numerical Control (CNC) Basics course. This unique and state-of-the-art simulation system is ideal for an employer needing help training and retaining workers or for anyone seeking a career with high-pay potential.

Are you a veteran?

Like with a number of our programs, TEEX is proud to have this program approved by the VA. This allows veterans to use their G.I. Bill benefits to cover all costs associated with this course.

Course Description

Introduction to CNC Basics is a fast-track, intensive, two-week (80 hour) skills training program aimed to prepare unemployed and underemployed individuals for front-line machinist jobs. The course utilizes a virtual simulation system that allows students to learn basic programming and then run what they have created to determine if errors or failures occur. By training virtually, OJT costs are reduced by minimizing material waste and conserving machine time. Adaptable to any make of CNC milling or turning machine, this simulation system is unlike any other training tool available.

Upon completion of the course, graduates would be considered a Level C Machinist with the potential of moving up to a Level B through an optional mentoring program.

LEARN MORE AT

teex.org/cnc

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KNOWLEDGE
Engineering



BUSINESS
Solutions



ECONOMIC
Development



WORKFORCE
Solutions



SOFTWARE
Solutions



CYBERSECURITY





BENEFITS OF THE CNC TRAINING PROGRAM

→ SAVE TIME

Get to work fast by learning valuable skills in only two weeks. This is not a semester type format.

→ SAVE MONEY

Save money by not needing to take additional courses for all the skills required. All subject matter is covered in one course.

→ INCREASE PRODUCTIVITY

Graduates can be productive from day one.

TRAINING TOPICS



KNOWLEDGE
Engineering

→ Week 1

- Introduction to safety
- Basic shop level math
- Blueprint reading and sketching
- Basic geometric dimension and tolerance
- Six sigma / 5S
- Metrology hand measuring tools
- Metrology - surface finish and inspection
- Tooling - milling
- Tooling - turning

→ Week 2

- Coordinate systems and zero point for CNC machines
- Tool corrections for CNC machining
- Basic CNC commands for programming - milling and turning
- Cutter radius compensation
- Functions to simplify programming
- Demonstration of skills



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