


Machining Skills Certification Program

Develop the skills necessary to begin your next career as a Computer Numerical Control (CNC) Machinist.



CNC Machinists are in great demand in Hampton Roads and throughout the country.

- **SkillBridge Approved**
- **GI Bill® Authorized**

 **TIDEWATER COMMUNITY COLLEGE**
CENTER FOR MILITARY &
VETERANS EDUCATION
1700 College Crescent
Kempsville Building (D)
Virginia Beach, VA 23453-1918

What Do CNC Machinists Do?

CNC machinists work with computer numeric controlled (CNC) machinery from setup to operation to produce parts and tools from metal, plastic or other materials. CNC equipment is precision machinery programmed by specialized software.



CNC machines produce precision parts by cutting, drilling, and grinding parts used in the vast majority of all manufactured products. CNC machinists make adjustments to the machine to control speed, material feed, and path of the cut, as well as make sure the machines are set up properly, working well, and producing quality product by using a wide variety of precision measuring instruments and inspection techniques.

CCAM

**COMMONWEALTH CENTER FOR
ADVANCED MANUFACTURING**



The background of the entire page is a detailed technical drawing of a mechanical part, likely a gear or a complex housing. It features various circular features, lines, and dimensions, typical of engineering blueprints. The drawing is rendered in a light blue and grey color scheme, with some areas highlighted in red. The overall style is technical and precise.

Classes are offered three times a year

Email: cblow@tcc.edu for schedules

Maximum participation of 12 students.

Location: Tidewater Community College,
Chesapeake Campus,
1428 Cedar Road Chesapeake, VA 23322

ABOUT THE TRAINING PROGRAM

Transitioning Service Members participating in this CNRMA approved SkillBridge Program must be within 180 days of separation, and meet all eligibility criteria outlined in NAVADMIN 222/15. All active duty participants must obtain Commander approval for program consideration. Acceptance will be determined by CCAM/TCC upon receipt of application and individual assessment.

- 7 weeks interactive training, to be completed during off-duty hours, does not require TAD.
- 11 weeks of project based labs at Tidewater Community College -TAD required. (5 days a week, 7 - 8 hours per day)

INDUSTRY RECOGNIZED CERTIFICATIONS

- Tidewater Community College Certificate of Completion
- OSHA 10 Safety Certification
- 4 National Institute Metalworking Skills (NIMS)
 - o Machining Level 1 – Measurement, Materials and Safety
 - o Machining Level 1 – Job Planning, Bench Work and Layout
 - o Machining Level 1 – CNC Milling: Operations
 - o Machining Level 1 – CNC Turning: Operations

For More information on TCC's SkillBridge programs or other professional Training go to:

<https://www.tcc.edu/military/programs/professional-development>

For more information, contact:

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