

# NBTAP Secondary Pre-Apprenticeship



Over the course of the NBTAP Employment experience, student apprentices should observe, and perform, some of the following trade skills under the supervision of a qualified journeyman.

**IMPORTANT NOTE: Students**, as part of your NBTAP summer experience, you will be required to maintain a Secondary Pre-Apprenticeship Logbook. **Please be sure to obtain a copy of your NBTAP Logbook from your School Champion or the Pre-Apprenticeship Coordinator PRIOR to starting your employment placement.**



## Computerized Numerical Control Machinist: Trade Related Skills

- Performs special grinding operations
- Performs off-hand (bench) grinding operations
- Performs heat transfer of metals, precision layout, and special (form) grinding operations
- Performs a precision layout
- Uses, inspects, stores, and maintains power tools and precision measuring instruments
- Determines the properties of metals
- Calculates speed, feed, and depth of cut for vertical milling operations
- Troubleshoots carbide tool failures
- Calculates and performs gauge block build-ups
- Sets up eccentrics on conventional lathes
- Reams work on conventional lathes
- Uses and maintains safety equipment
- Interprets industry symbols and markings on drawings
- Uses, inspects, stores and maintains layout tools and equipment
- Calculates and selects top drill sizes in metric and imperial
- Performs basic conventional lathe operations
- Sets up and machines various materials

AVENIR  
WABANAKI

FUTURE  
WABANAKI

AVENIR NB

FUTURE NB

CONTACT US

Visit: <https://futurenewbrunswick.ca>

Email: [nbtap@gnb.ca](mailto:nbtap@gnb.ca)