



This program provides workforce readiness skills for a career in advanced manufacturing and/or manual machining. It is the recommended curriculum for machinist apprentices as identified by the Virginia Department of Labor and Industry. The curriculum is based on the standards of the National Institute for Metalworking Skills, Inc. (NMIS) with the opportunity to earn Level I industry credentials for manual and CNC. **Program is offered to a maximum of 16 high school juniors and seniors.**

Program Qualifications:

- Students must meet JTCC minimum criteria.
- Student must be referred to the program by their high school counselor.
- Student must complete the hands-on aptitude assessment conducted by JTCC instructors.
- Students must be able to attend classes at JTCC-Chester campus, Monday-Thursday, 8 a.m.-10:05 a.m.

Program Costs:

- Payment of tuition, books & fees are determined and agreed upon by each school district and John Tyler.

Program Credentials:

Completion of the two-year program will result in a Basic Precision Machining Career Studies Certificate (CSC) and 12 of 19 credits completed toward the Computer Numerical Control CSC. They will have completed 25 of 40 credits required for Precision Machining Certificate.