



# Machine Tool Certificates

In two years or less, train for a career in the high-demand, high-wage, high-skill area of Machining

**1**

## Apply for Machine Tool Technician technical diploma program.

Machinists represent the largest group of workers in the metalworking trades. Involves setting up machines, operating controls and checking accuracy. Learn to use measuring instruments, hand tools, layout tools and layout methods, as well as the operation of lathes, milling machines, grinders, drill presses and saws.

**63 credits • 100% graduate placement • \$35,622 = avg annual salary 6 months after graduation**  
**540+ jobs posted with FVTC in 2012 • [www.fvtc.edu/machinetool](http://www.fvtc.edu/machinetool)**

+

**2**

## Complete three certificates in machining.

### Certificate #1: Basic Machine Tool (14 credits)

32-420-331 Measurement & Benchwork 1 (3 cr.)	32-420-334 Engine Lathe 2 (3 cr.)
32-420-332 Measurement & Benchwork 2 (3 cr.)	32-421-324 Blueprint Reading, Machine Tool (2 cr.)
32-420-333 Engine Lathe 1 (3 cr.)	

### Certificate #2: Advanced Manual Machining (14 credits)

32-420-335 Manual Milling Machines 1 (3 cr.)	32-420-338 Manual Machine Tools, Adv. 2 (3 cr.)
32-420-336 Manual Milling Machines 2 (3 cr.)	31-804-307 Math for the Trades (2 cr.)
32-420-337 Manual Machine Tools, Adv. 1 (3 cr.)	

### Certificate #3: Computer Numerical Control Skills (14 credits)

32-420-341 CNC M/G Code 1 (3 cr.)	32-420-344 CNC, Advanced 2 (3 cr.)
32-420-342 CNC M/G Code 2 (3 cr.)	32-421-313 Drafting, Basic Mech, MTO (2 cr.)
32-420-343 CNC, Advanced 1 (3 cr.)	

+

**3**

## Complete additional coursework.

*Classes/credits will vary. We will guide you through the classes you need to take.*

=

**END RESULT: Technical Diploma in Machine Tool Technology**

**Get started! Contact Lori Hager, Career Counselor • (920) 735-5696 or [hagerl@fvtc.edu](mailto:hagerl@fvtc.edu)**

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including, but not limited to, accuracy of information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. Auxiliary aids and services are available upon request to individuals with disabilities.

This equal opportunity program is part of a grant from the U.S. Department of Labor equaling \$2,999,750.00.

