

PRECISION MACHINING TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE DEGREE AND CERTIFICATE PROGRAMS

Virtually all manufactured products depend on America's precision machining industry at some point during their production. As new technologies continue to shape the manufacturing industry, companies have an immediate demand for machinists with college-level skills. A precision machinist (PMT) works very much like a sculptor, transforming raw material into something of great value. Additionally, the one-year welding certificate is designed to provide entry level welding skills.

"I know that sitting in a classroom is not for me, but the PMT program was so much more. I did real things that were hands-on that gave me confidence to build real stuff. KVCC's PMT program was challenging, but working in the lab was addictive. The better I got at making things, the more I wanted to do it."



Develop skills to design and make fine metal parts using computer numerical control machines



What Precision Machining Technology graduates do:

- Remove metal with lathes, mills, and drills
- Fabricate metal-based parts
- Use software to run CNC-based equipment
- Calculate and measure angles
- Design products to specifications
- Innovate better methods
- Observe and enforce safety procedures
- Maintain machines

Career Opportunities:

- Manufacturing plants
- Small businesses
- Fabrication plants
- Machine shops
- Automotive companies
- Technical training centers

For further questions about this program, please contact:

pmt@kvcc.me.edu or go to: www.kvcc.me.edu/pmt

PRECISION MACHINING TECHNOLOGY
DEPARTMENT CHAIR: JEFFREY GODIN, 207-453-5151

Precision Machining Technology Operator Certificate

First Semester

PMT101*	Precision Machining I	7
PMT111*	Precision Machining II	7
BPT126*	Technical Print Reading & Sketching	3
	Total Credits	17

Precision Machining Technology Machinist Certificate

First Semester

PMT101*	Precision Machining I	7
PMT111*	Precision Machining II	7
BPT126*	Technical Print Reading & Sketching	3
MAT114*	Technical Math	3

Second Semester

PMT110*	Introduction to Master Cam	3
PTM201*	Precision Machining III	7
PMT125	Geometric Dimensioning & Tolerancing	3
ENG108	Technical Writing	3
	Total Credits	36

Associate in Applied Science Degree

First and Second Semester

*	Precision Machining Certificate (Prerequisite for AAS program)	33
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Fourth Semester

PMT211*	Fundamentals of Precision Machining Tech. IV	7
	Total Credits	61

Third Semester

PMT110*	Introduction to Master Cam	3
PMT115	Intro to Solidworks	3
MAT214*	Technical Math II	3
COM104	Introduction to Communication OR	
COM105	Interpersonal Communication	3
_____	General Education Elective	3
_____	Social Science Elective	3
_____	Humanities Elective	3

CRITERIA FOR GRADUATION

Students in the Precision Machining Technology program must complete 61 credits for an Associate Degree, or 33 credits for a Certificate, and achieve a minimum grade of "C" in all core courses (*), and attain a final GPA of 2.0 or higher.