

# Machine Tool Diploma in Industrial Technology

## Entrance Requirements:

Acceptable ASSET or COMPASS score

## Type of Program:

Day or night

## Type of Degree:

Diploma

## Employment Opportunities:

Large and small machine shops, manufacturing companies

- This program trains students for entry-level positions in the machinist field, working on milling machines, engine lathes, surface grinders and drill presses as well as other machine tool equipment.
- Graduates may transfer credits to continue on to complete the Associate in Industrial Technology with a major in Machine Tool Technology degree.

## Recommended Program Schedule

### *First Semester – Fall*

CPT 101	Introduction to Computers	3.0
MTT 120	Machine Tool Print Reading	3.0
MTT 121	Machine Tool Theory I	3.0
MTT 122	Machine Tool Practice I	4.0

### *Second Semester – Spring*

ENG 165	Professional Communications*	3.0
MTT 124	Machine Tool Practice II	4.0
MTT 141	Metals and Heat Treatment	3.0
	Social/Behavioral Science course*	3.0

### *Third Semester – Summer*

MAT 170	Algebra, Geometry and Trigonometry I*	3.0
MTT 123	Machine Tool Theory II	3.0
MTT 126	Machine Tool Practice III	4.0
MTT 241	Jigs and Fixtures I	2.0

**Total credit hours 38.0**

\*General Education course

Note: Please contact your advisor for recommended evening schedules.