

Machine Tool Technology

Associate in Industrial Technology

Entrance Requirements:

Acceptable ASSET or COMPASS score

Type of Program:

Day or night

Type of Degree:

Associate degree

Employment Opportunities:

Large and small machine shops, manufacturing companies

- This program trains students in shaping metal by using hand tools and machine tools such as milling machines, engine lathes, surface grinders and drill presses.
- This associate degree program meets the academic requirements of the South Carolina Chapter of the National Tooling and Machining Association Apprenticeship Program.

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 123	Machine Tool Theory II	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

MTT 126	Machine Tool Practice III	4.0
MAT 170	Algebra, Geometry, and Trigonometry I*	3.0
	Social/Behavioral Science course**	3.0
MTT 241	Jigs and Fixtures I	2.0

Fourth Semester – Fall

MTT 211	Die Theory	3.0
MTT 222	Tool and Die Making Practice I	4.0
MTT 250	Principles of CNC	3.0
MTT 251	CNC Operations	3.0

Fifth Semester – Spring

MTT 224	Tool and Die Making Practice II	4.0
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