



PATHWAYS



**YOUR MAP TO
COMPLETION**

Machine Tool Technology - Tool & Die

Associate in Applied Science Option III / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	MTT 107	Machining Calculations I	3	Fa Sp Su	Required V
	MTT 121	Basic Print Reading	3	Fa Sp Su	Required V
	MTT 147	Intro to Machine Shop I	3	Fa Sp Su	Required V
	MTT 148	Intro to Machine Shop Lab I	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
Semester 2	MTT 127	Metrology	3	Fa Sp Su	Required V
	MTT 134	Lathe Operations I	3	Fa Sp Su	Required V
	MTT 135	Lathe Operations Lab I	3	Fa Sp Su	Required V
	MTT 171	Intermediate Blueprint Reading	3	Fa Sp Su	Required V
	*IDS 102	Ethics	3	Fa Sp Su	Required II
Semester 3	CNC 139	Basic CNC	3	Fa Sp Su	Required V
	MTT 128	Geometric Dimensioning & Tolerancing I	3	Fa Sp Su	Required V
	MTT 149	Intro to Machine Shop II	3	Fa Sp Su	Required V
	MTT 150	Intro to Machine Shop Lab II	3	Fa Sp Su	Required V
	*MTH 103	Technical Math	3	Fa Sp Su	Required III
Semester 4	CNC 154	Metallurgy	3	Fa Sp Su	Required V
	CNC 158	Die Fundamentals	3	Fa Sp Su	Required V
	CNC 160	Die Construction & Tryout	3	Fa Sp Su	Required V
	CNC 161	Die Maintenance & Repair	3	Fa Sp Su	Required V
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
Semester 5	CNC 156	Jig & Fixture Construction Principles	3	Fa Sp Su	Required V
	CNC 162	Precision Grinding	3	Fa Sp Su	Required V
	CNC 163	Precision Grinding Lab	3	Fa Sp Su	Required V
	CNC 214	Electrical Discharge Machine Program	3	Fa Sp Su	Required V
	*GEO 100	World Regional Geography	3	Fa Sp Su	Required IV
Machine Tool Technology – Tool & Die - AAS Total Hours 76					
Tool & Die Short-Term Certificate Total Hours 27					

*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <http://stars.troy.edu/>

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