



PATHWAYS



**YOUR MAP TO
COMPLETION**

Machine Tool Technology CNC

Associate in Applied Science Option II / 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 V
Semester 4	CNC 112	CNC Turning	3	As Needed	Required V
	CNC 113	CNC Milling	3	As Needed	Required V
	CNC 142	Applied Geometry to CNC	3	Fa Sp Su	Required V
	CNC 222	CNC Graphics Turning	3	Fa Sp Su	Required V
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
Semester 5	CNC 143	Applied Technology	3	As Needed	Required V
	CNC 214	Electrical Discharge Machine	3	Fa Sp Su	Required V
	CNC 215	Quality Control	3	As Needed	Required V
	CNC 223	CNC Graphics Milling	3	Fa Sp Su	Required V
	*GEO 100	World Regional Geography	3	Fa Sp Su	Required III
Machine Tool Technology – CNC- AAS Total Hours 76					
Computer Numerical Control 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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