



# 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	MTT 130	Machining Calculations II	3	Fa Sp Su	Required V
	MTT 221	Advanced Blueprint Reading	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 112	CNC Turning	3	Fa Sp Su	Required V
	CNC 142	Applied Geometry to CNC	3	Fa Sp Su	Required V
	CNC 215	Quality Cont. & Assurance	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 113	CNC Milling	3	Fa Sp Su	Required V
	CNC 143	Applied Trigonometry for CNC Machining	3	Fa Sp Su	Required V
	CNC 214	Electrical Discharge Machine	3	Fa Sp Su	Required V
	CNC 223	CNC Graphics Milling	3	Fa Sp Su	Required V
	CIS 146	Microcomputer Applications	3	Fa Sp Su	Required III
<b>Machine Tool Technology – CNC- AAS Total Hours 76</b>					
<b>Level I Machine Tool Technology Short-Term Certificate Total Hours 24</b>					
<b>Computer Numerical Control Short-Term Certificate Total Hours 24</b>					

\*May be substituted per advisor's approval

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

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April 6, 2022