



# PATHWAYS



**YOUR MAP TO  
COMPLETION**

## Machine Tool Technology - Injection Molding

Associate in Applied Science Option IV / Certificate / 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 128	Geometric Dimensioning & Tolerancing I	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required V
	*IDS 102	Ethics	3	Fa Sp Su	Required II
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
Semester 2	ILT 169	Hydraulics/Pneumatics	3	Fa Sp Su	Required V
	MTT 173	Injection Mold Setter Skills	3	As Needed	Required V
	MTT 175	Injection Mold Setter Skills Lab	3	As Needed	Required V
	*MTH 100	Intermediate College Algebra	3	As Needed	Required V
Semester 3	AUT 102	Lean Manufacturing & Industrial Safety	3	Fa Sp Su	Required V
	AUT 138	Principles of Industrial Mechanics	3	Fa Sp Su	Required V
	MTT 121	Basic Print Reading	3	Fa Sp Su	Required V
	MTT 170	Molding Materials & Properties	3	Fa Sp Su	Required V
Semester 4	MTT 130	Machining Calculations II	3	Fa Sp Su	Required V
	MTT 273	Injection Mold Processing	3	As Needed	Required V
	MTT 275	Injection Mold Processing Lab	3	As Needed	Required V
	*PHY 115	Technical Physics	3	Fa Sp Su	Required IV
Semester 5	ILT 218	Industrial Robotics Concepts	3	Fa Sp Su	Required V
	MTT 108	Machinist Handbook Functions I	3	Fa Sp Su	Required V
	MTT 171	Intermediate Blueprint Reading	3	Fa Sp Su	Required V
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
<b>Machine Tool Technology – Injection Molding - AAS Total Hours 62</b>					
<b>Injection Mold Technologies Short-Term Certificate Total Hours 27</b>					

\*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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