

School of Trade and Technology

Precision Machining and Manufacturing Diploma MTT2—48 Credit Hours

Program Chair: tim.white@westgatech.edu

Courses may rotate among the following locations: Carroll

<input type="checkbox"/>	<p>** Learning Support Courses (refer to Admissions evaluation). Examples include: ENGL 0998 and MATH 0091/1012 Not available online; courses must be completed on campus if student is provisional and not regular status.</p> <p><i>These courses are not calculated into students' institutional GPA. Learning support courses are individually assigned based on admissions testing results and program requirements. 0096 courses must be completed with the Adult Education department before starting college program—contact Admissions for questions regarding evaluations.</i></p>			
Semester 1	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	MATH 1012 (3)	Foundations of Mathematics	Diploma program admission level math competency	
<input type="checkbox"/>	MCHT 1011 (4)	Introduction to Machine Tool	None	
<input type="checkbox"/>	MCHT 1012 (3)	Print Reading for Machine Tool	None	
<input type="checkbox"/>	Occupational Elective (3)	Choose one from the list below		MCHT 1030 recommended by Faculty Advisor
Semester 2	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	MCHT 1013 (3) -OR- MATH 1013 _OR- MATH 1015	Machine Tool Math Algebraic Concepts Geometry and Trigonometry	Diploma program admission level algebra competency	
<input type="checkbox"/>	MCHT 1119 (4)	Lathe Operations I	None	
<input type="checkbox"/>	MCHT 1120 (4)	Mill Operations I	None	
Semester 3	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes

****First term suggestion:** All assigned learning support and/or MCHT 1011, MCHT 1012, MCHT 1020, MATH 1012

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<input type="checkbox"/>	ENGL 1010 (3)	Fundamentals of English I	Diploma program admission level writing and reading competency	
<input type="checkbox"/>	MCHT 1020 (4)	Heat Treatment and Surface Grinding	Regular Status (all learning support complete or no learning support required)	
<input type="checkbox"/>	MCHT 1220 (4)	Mill Operations II	None	
Semester 4	Occupational Course Number (credits)	Course Name	Pre-requisite	Notes
<input type="checkbox"/>	AMCA 2110 (4)	CNC Fundamentals	MCHT 1011 and MCHT 1012	
<input type="checkbox"/>	EMPL 1000 (2)	Interpersonal Relations and Professional Development	None	
<input type="checkbox"/>	Occupational Elective (3)	Choose one from the list below		
<input type="checkbox"/>	MCHT 1219 (4)	Lathe Operations II	None	
Complete	Occupational Elective Course Number (credits)	Course Name	Pre-requisite	Notes
	Choose TWO Electives from the list below: (6)			
<input type="checkbox"/>	AMCA 2170 (4)	CNC Practical Applications	AMCA 2110 and AMCA 2130 and AMCA 2150	
<input type="checkbox"/>	IDSY 1260 (4)	Machine Tool for Industrial Repairs	None	
<input type="checkbox"/>	MCHT 1030 (3)	Applied Measurement	None	Recommended Elective
<input type="checkbox"/>	WELD 1000 (4)	Introduction to Welding Technology	None	

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This program is eligible for Federal Aid including Pell Grant and federal student loans and may be eligible for Institutional and State Financial Aid. Contact the Financial Aid office for eligibility requirements and application materials.

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