



Precision Machining Certificate

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	STUDENT PROGRESS	
	<u>Grade</u>	<u>Term Completed</u>
Area I—Written Composition: 3		
• ENG 101 - English Composition I 3	_____	_____
Area II—Humanities and Fine Arts: 0		
Area III—Natural Science or Mathematics: 3		
• MTH 100 - Intermediate College Algebra OR numerically higher..... 3	_____	_____
Area IV—History, Social and Behavioral Sciences: 0		
Area V—Technical Courses: 40		
• CIS 146 - Microcomputer Applications..... 3	_____	_____
• MDT 105 - Introduction to Computer-Aided Design (CAD) OR DDT 104 –Basic Computer-Aided Drafting and Design 3	_____	_____
• MTT 107 - Machining Calculations I 3	_____	_____
• * MTT 121 - Basic Print Reading for Machinists 3	_____	_____
• MTT 123 - Engine Lathe Lab I 3	_____	_____
• MTT 127 - Metrology..... 3	_____	_____
• MTT 128 - Geometric Dimensioning and Tolerancing I..... 3	_____	_____
• MTT 134 - Lathe Operations I..... 3	_____	_____
• MTT 137 - Milling I 3	_____	_____
• * MTT 139 - Basic Computer Numerical Control 3	_____	_____
• MTT 140 - Basic Computer Numerical Control Turning Programming I..... 3	_____	_____
• MTT 141 - Basic Computer Numeric Control Milling Programming I 3	_____	_____
• * MTT 147 - Introduction to Machine Shop I 3	_____	_____
• * MTT 148 - Introduction to Machine Shop I Lab 3	_____	_____
• MTT 149 - Introduction to Machine Shop II..... 3	_____	_____
• MTT 150 - Introduction to Machine Shop II Lab..... 3	_____	_____
• MTT 154 - Metallurgy..... 3	_____	_____
• MTT 181 - Special Topics in Machine Tool Technology 3	_____	_____
• MTT 221 - Advanced Blueprint Reading for Machinists 3	_____	_____
• MTT 270 – Machining Skills Application 3	_____	_____
• * ORI 101 - Orientation to College 1	_____	_____
• SPH 106 - Fundamentals of Oral Communication 3	_____	_____

***Required Courses**

Total Hours Required for Certificate: 46

NOTICE(s): For the certificate in Precision Machining, the student must complete at least 46 credit hours—at least 40 in technical courses and at least 6 in general education courses. Technical courses, which may vary to meet student needs and to provide options, must be selected from those listed above. Admission Requirement: High school diploma or GED The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.