

LANSING COMMUNITY COLLEGE			
Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 1522 (Effective Fall 2017 – Summer 2022)	<b>CNC Technician C.C. Pathway</b>		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
<b>Program of Study Requirements</b>			
METD 150	Industrial Blueprint Reading	None	3 / 3
<b>Trade Electives - <i>Select 1</i></b>			
METD 100	Basic Mechanical Drafting	Reading Level 3 and Writing Level 2 and Math Level 3	3 / 4
METD 105	PC Applications for Technology	None	3 / 4
METM 150	Advanced CNC Machining	Minimum 2.0 in (METM 110 or METM 112) and Reading Level 4 and Writing Level 4 and Math Level 4	4 / 6
METM 220	Basic Mastercam	Minimum 2.0 in (METM 108 or METM 110 and Reading Level 4 and Writing Level 4 and Math Level 4	4 / 6
<b>Credits</b>			<b>6-7 / 7-9</b>
Semester II	Course Title	Prerequisites	Credit/ Billing Hours
<b>Program of Study Requirements</b>			
METD 130	Geometric Dimension/Tolerance	Minimum 2.0 in (METD 100 or Mechanical Drafting Placement Test 80%) and Reading Level 4 and Writing Level 4 and Math Level 4	4 / 6
METM 108	Machine Tool Operations	Minimum 2.0 in (METD 100 or METD 150 or Drafting Placement Test 80%) and Reading Level 3 and Writing Level 4 and Math Level 4	4 / 6
<b>Credits</b>			<b>8 / 12</b>

Semester III	Course Title	Prerequisites	Credit/Billing Hours
<b>Program of Study Requirements</b>			
METM 112	Introduction to CNC Machining	Minimum 2.0 in METM 108 and Reading Level 3 and Writing Level 4 and Math Level 4	4 / 6
<b>Credits</b>			<b>4 / 6</b>
<b>Total Credits</b>			<b>18-19 / 25-27</b>