

Precision Machining and Manufacturing

Diploma

MTT2

Curriculum

Basic Skills**8**

ENGL 1010 Fundamentals of English I
MATH 1012 Foundations of Mathematics
EMPL 1000 Interpersonal Relations and Professional Development

Occupational Courses**40****Required Courses:**

MCHT 1001 Introduction to Machine Tool (4)
MCHT 1012 Print Reading for Machine Tool (3)
MCHT 1020 Heat Treatment and Surface (4)
MCHT 1119 Lathe Operations I (4)
MCHT 1120 Mill Operations I (4)
AMCA 2110 CNC Fundamentals (4)
MCHT 1219 Lathe Operations II (4)
MCHT 1220 Mill Operations II (4)
(Choose ONE Option)
MCHT 1013 Machine Tool Math (3) **OR**
MATH 1013 Algebraic Concepts (3) + MATH 1015 Geometry and Trigonometry (3)

Occupational Electives: *(Choose SIX hours)*

AMCA XXXX
MCHT XXXX

Total Credit Hour (minimum):**48**