

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 1011 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