

Precision Machining • Upskill Certificate • On-Campus or Hybrid

Semester Course Outline • 2022 – 2023

5 Months (1 Semester) • Revised: 4/19/22

Credits Required for Certificate: 18



Fall Semester

Course Number	Course Title	Clock Hours	Credits
PM 106	Blueprint Reading	15	1
PM 107	Computer Numerical Control (CNC) Operations I	56	2
PM 110	Precision Measuring	28	1
PM 117	Applied Trigonometry	56	2
PM 131	Mill and Lathe Operations I	56	2
PM 133	Mill and Lathe Operations II	56	2
PM 134	Machine Tool Fundamentals	28	1
PM 167	Introduction to Computer Numerical Control (CNC)	15	1
CSC 102	Windows Applications for Technicians	45	3
● Selected Mathematics Course (Choose one) MATH 100 – Applied General Math MATH 101 – Intermediate Algebra MATH 114 – College Algebra *		45	3
Total		400	18