



Machine Technology I

Week	Unit
Week 1	Course Introduction & Overview
Week 2	Unit 1: Safety
Week 3	Unit 2: Fractional Measurement Ruler Unit 3: Decimal Measurement Dial Caliper & Various Micrometer
Week 4	Unit 4: Machine Preparation in Manufacturing
Week 5	Unit 5: Precision Machining: Mill Project 1 & Lathe Project 1
Week 6	Unit 5: Precision Machining: Mill Project 1 & Lathe Project 1
Week 7	Unit 5: Precision Machining: Mill Project 1 & Lathe Project 1
Week 8	Unit 6: Precision Machining: Mill Project 2 & Lathe Project 2
Week 9	Unit 6: Precision Machining: Mill Project 2 & Lathe Project 2
Week 10	Unit 6: Precision Machining: Mill Project 2 & Lathe Project 2
Week 11	Unit 7: Computer Numerical Control
Week 12	Unit 7: Computer Numerical Control
Week 13	Unit 7: Computer Numerical Control
Week 14	Unit 7: Computer Numerical Control
Week 15	Unit 7: Computer Numerical Control
Week 16	Unit 7: Computer Numerical Control
Week 17	Unit 7: Computer Numerical Control
Week 18	Shop cleanup
End of Semester	
Week 1	Review and recap



Week 2	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 3	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 4	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 5	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 6	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 7	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 8	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 9	Unit 8: Precision Manufacturing Project Development 1: Manual Machining & CNC Manufacturing
Week 10	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 11	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 12	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 13	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 14	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing



Week 15	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 16	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 17	Unit 9: Precision Manufacturing Project Development 2: Manual Machining & CNC Manufacturing
Week 18	Industry Recognized Credential (IRC) examination preparation.
Week 19	Industry Recognized Credential (IRC) examination preparation.
Week 20	Final Exam Shop cleanup

- ★ Semester 1: 18 weeks, 88 student contact days
- ★ Semester 2: 20 weeks, 94 student contact days