



Advanced Metals

Week	Unit
Week 1	Course Introduction & Overview
Week 2	Unit 1: Safety
Week 3	Unit 1: Safety
Week 4	Unit 2: Fractional Measurement Ruler
Week 5	Unit 3: Bench Manufacturing
Week 6	Unit 3: Bench Manufacturing
Week 7	Unit 3: Bench Manufacturing
Week 8	Unit 4: Decimal Measurement Dial Caliper & Micrometer
Week 9	Unit 4: Decimal Measurement Dial Caliper & Micrometer
Week 10	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 11	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 12	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 13	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 14	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 15	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 16	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 17	Unit 5: Precision Manufacturing Mill Project 1 & Lathe Project 1
Week 18	Shop Cleanup & Midterm Exam
End of Semester	



Week 1	Safety & Equipment Review
Week 2	Math & Measuring Review
Week 3	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 4	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 5	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 6	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 7	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 8	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 9	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 10	Unit 6: Precision Manufacturing Mill Project 2 & Lathe Project 2
Week 11	Unit 7: Alternative Manufacturing Project
Week 12	Unit 7: Alternative Manufacturing Project
Week 13	Unit 7: Alternative Manufacturing Project
Week 14	Unit 7: Alternative Manufacturing Project
Week 15	Unit 7: Alternative Manufacturing Project
Week 16	Unit 7: Alternative Manufacturing Project
Week 17	Unit 7: Alternative Manufacturing Project
Week 18	Unit 7: Alternative Manufacturing Project
Week 19	Shop Cleanup & Final Exam
Week 20	Shop Cleanup & Final Exam

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