

Materials Science Labs Fall 2025 MENG 3114

Tuesday 3:30-5:20, Friday 1:30-3:20

Lab #	Date: Week of	Lab Description	Report Format
1	Aug 26 2025	Surface Finish (Roughness)	
2	Sept 2 2025	Button Sample Tensile Test	Report
3	Sept 9 2025	Compression Test	
4	Sept 16 2025	Double Shear Test	
5	Sept 23 2025	Brinell Test and Rockwell Hardness Test	Report
6	Sept 30 2025	Charpy Metal Impact Test (Dry Ice)	
7	Oct 7 2025	Fatigue Testing	
	Oct 14 2025	Break No Lab	
8	Oct 21 2025	Metallography	Report
9	Oct 28 2025	Processing Heat Treatments	
10	Nov 4 2025	Strengthening HT Steel	
11	Nov 11 2025	Metal Four Point Bending Test	
	Nov 18 2025	Polymer Four Point Bending Test	
	Nov 25 2025	Thanksgiving	
	Dec 2 2025	No Lab	
	Dec 9 2025	Finals Week	