

Fall 2023

MENG 4134 Machine Elements Design Lab Schedule

Lab 1: Crank and Slider (*Week 1*)

Lab 2: Four Bar Linkage (*Week 2*)

Lab 3: Spring/ Small Flywheel (*Week 3*)

Lab 4: Simple and Compound Pulleys (*Week 4*)

Lab 5: Velocity Ratio & Mech. Advantage of a Gear/Bevel (*Week 5*)

Lab 6: Rotational Friction (*Week 6*)

Lab 7: Torsion (*Week 7*)

Lab 8: Vibration of Beams (*Week 8*)

Lab 9: Deflection of Beams Beam Loads (*Week 9*)

Lab 10: Drive Systems (*Week 10*)