Physics 2211: *Matter and Interactions*
Chapter 7 Standards

1. I can calculate the spring potential energy for ideal macroscopic springs.

2. I can use springs to model interatomic interactions.

3. I can articulate the meaning of and importance of the path independence of potential energy.

4. I can calculate the change in thermal energy of an object/system.

5. I can relate the air resistance force on an object to the speed of that object and the shape of that object.

6. I can explain "terminal speed" in terms of forces acting on an object.

7. I can write a program in VPython to find the path of a trajectory including the effect of air resistance