









































CM3215 Fundamentals of Chemical Engineering Laboratory
Prelab assignment
Tasks:
Your lab station consists of the <u>Lossy® Pump</u> (everything between the Krum pump suction and the first pressure-tap downstream of the orifice), and
<u>The system</u> (all the tubing and fittings from the first pressure tap downstream of the orifice to the suction side of the Krum Peerless pump, including the flow exit and Tank 2).
Using the system curves for <u>the system</u> for the situations when WV-05 is in the following three states:
<ul> <li>0.5 turn open (180°), 1 turn open (360°), 2 turns open (fittings and tube lengths given in Assignment 6).</li> </ul>
answer this question: What head needs to be supplied by a pump to produce $1 gpm$ for each of these three configurations of <u>the system</u> ?
© Faith A. Morrison, Michigan Tech U.





