1. Backflow Prevention
   1. Bacteria In Water
   2. Legionella
      1. Temperature Treatments
   3. Hazard Definitions
      1. High
      2. Medium
      3. Low
   4. Types Of Assemblies
      1. Vacuum Breaker
      2. Double Check
      3. Reduced Pressure
      4. Detector Assemblies
2. Hydronic Pumps
   1. Pump Science
      1. Pressure
         1. Atmospheric Pressure
         2. Water Pressure
         3. Gauge Pressure Reading
      2. Centrifugal Force
         1. Turning Vanes
      3. Closed Loop / Open Loop Systems
      4. Pressure Calculations
   2. Types Of Pumps
      1. End Suction
      2. Double Suction
         1. Horizontal Split Case
         2. Vertical Split Case
      3. Vertical Inline
      4. Close Coupled
      5. Split Coupled
      6. Multi-Stage
   3. Pump Curves