

Team Member Names \_\_\_\_\_

**GUI: 5 percent****Total Score: \_\_\_\_\_ / 100**

\_\_\_\_\_ (0 - 2) a GUI Exists and displays

\_\_\_\_\_ (0 - 3) Main GUI has specified tabs, radio-buttons, text-boxes, combo-boxes, etc

**Reading the Flow System File without error: 5 percent**

\_\_\_\_\_ (0 - 3) Get Flow System File open dialog works

\_\_\_\_\_ (0 - 2) File name is placed in the file name text box

**Flow System Calculation (using Files where Preferred Units are all 1.0) : 45 percent**

\_\_\_\_\_ (0 - 15) For Constant Flowrate Source: the code and values for Calculated Flow, Pressure, Head and Power are correct

\_\_\_\_\_ (0 - 15) For Constant Pressure Source: the code and values for Calculated Flow, Pressure, Head and Power are correct

\_\_\_\_\_ (0 - 15) For Pump Source: the code and values for Calculated Flow, Pressure, Head and Power are correct

**Flow System Calculation (using Files where Preferred Units are specified) : 10 percent**

\_\_\_\_\_ (0 - 8) Answers are correct

\_\_\_\_\_ (0 - 2) GUI Units Labels change to reflect desired units.

**System Sketch: 20 percent**

\_\_\_\_\_ (0 - 8) Nodes, pipes, flow devices and sources are drawn correctly

\_\_\_\_\_ (0 - 7) Text labeling of nodes, flow, pressure and head are drawn correctly

\_\_\_\_\_ (0 - 3) The sketch fills the window nicely and the nodes are circular, not elliptical

\_\_\_\_\_ (0 - 2) The check boxes to control text labels works properly

**Flow Report: 10 percent**

\_\_\_\_\_ (0 - 5) All sections of the flow report are displayed and have correct values

\_\_\_\_\_ (0 - 3) Section and Column labels are correct

\_\_\_\_\_ (0 - 2) The data columns line up nicely (must use a Courier Font for this to work)

**System Curve: 5 percent**

\_\_\_\_\_ (0 - 3) System Pressure vs Flow is correct

\_\_\_\_\_ (0 - 2) Pump Curve is correct (when applicable)