

## **Hydraulics and Pneumatics**

## **Grade 12 – Hydraulics and Pneumatics**

## Fluid Systems Assignment

Each student will research and complete a mini-report/poster/presentation on a real life application of a fluid system. Students may pick examples of:

- Hydraulic systems
- Pneumatic systems

Each report/poster/presentation, should include:

- 1. What type of fluid system is being used? (From the two listed above)
- 2. What is the working fluid in the system?
- 3. How is the fluid pressurized in the system?
- 4. What industry is this system used in?
- 5. How does this fluid system work?
- 6. Why is a fluid system used rather than another kind of system for this application?
- 7. Are there disadvantages to using this fluid system?
- 8. At least one picture/diagram of the system at work.