

**Precision Manufacturing Institute Presents:**

## Print Reading - Learn the Language of Mechanical Drawings.

Do "blueprints" or print drawings look like the Egyptian hieroglyphics? Are you looking to understand and read mechanical part prints? Then enroll today to learn Print Reading at PMI, 764 Bessemer Street, Meadville PA.

To enroll contact Shawn Spinneweber at PMI (814) 333-2415 or email  
[sspinneweber@pmionline.edu](mailto:sspinneweber@pmionline.edu)

\*\*\* Classes are subject to minimum enrollment

### Print Reading

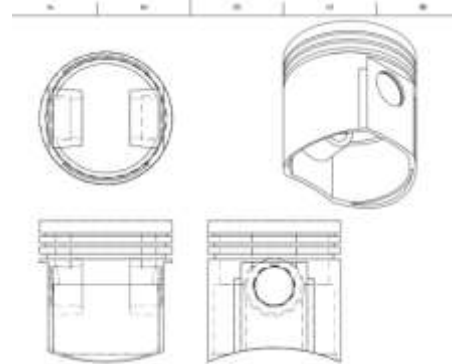
**Sept 23 to Nov 13, 2013.**

**Tuesdays and Thursdays evenings 4:00 to 7:00 pm**

**Cost: \$ 775.00/person including textbook**

**Duration:** 48 hours

**Prerequisite:** Basic Math, mechanical reasoning and basic spatial abilities



### **Description:**

This course provides students with the background necessary to interpret part prints and begin to visualize the part 3 dimensionally from 2 dimensional prints. Students will be introduced to orthographic drawings, view types and solid models in order to study the prints to find key part information, tolerancing and basic GD&T identification.

**Details:** Print Reading covers the following topics:

- Identify key manufacturing information
- Visualize 3 dimensional objects
- Line types and meaning
- Drawing view types
- Determine dimensional sizes of part features
- Interpret sectional and auxiliary views
- Determine tolerance ranges of dimensions
- Identify basic (GD&T) Geometric Dimensioning & Tolerancing characteristics

