



Blueprint Reading for Manufacturing Seminar

GOAL: Blueprint reading is the universal form of communication in manufacturing plants and machine shops. This interactive seminar has been designed to teach you the theory and practical application of drawings.

BENEFITS OF TRAINING:

- Learn to identify the essential details
- Learn to interpret the dimensions and tolerances found on engineering drawings

HOW THE PROGRAM WORKS: This program features a series of workshops using your actual shop prints to reinforce the learning experience. Upon completion of the program, you will have gained a new set of skills for reading engineering drawings that are directly connected to your company.

PROGRAM OUTLINE:

- Manufacturing Drawings
- Lines and symbols
- Orthographic Drawings
- Layout techniques
- Chamfers, holes, threads, tapers, keyways
- Dimensioning
- Auxiliary Views
- Sectional Views
- Title Blocks
- Theory of projection
- Isometric Views
- Application through workshops

Methodology: Training sessions are comprised of lecture, written exercises, large and small group discussions, PowerPoint, video presentations, and reading and interpreting your drawings. Workshops materials include a copy of *Print Reading for Industry* by Walter C. Brown.

Who Should Attend: Machine operators, quality control inspectors, shop supervisors, metalworking manufacturing personnel, engineering managers, and other manufacturing persons interested in learning to read manufacturing prints or updating their knowledge in this area.