Mechanical Print Reading

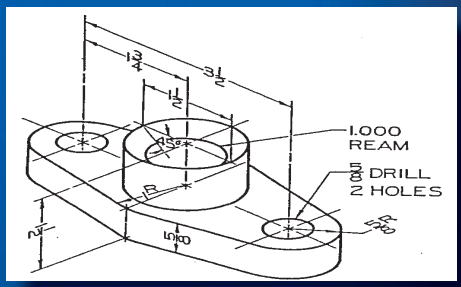
An ATAC Product Description

AUBURN

TECHNICAL ASSISTANCE CENTER

COLLEGE OF BUSINESS

Is inaccurate print reading costing your firm big money in scrap and rework?



Manufacturers must make products according to print specifications. If your employees can't read or understand prints, your customers will point out product defects due to blueprint errors. Accurate print reading is important to quality work, customer satisfaction, and to your company's profit margin.

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Since 1976

Helping Business and Industry Become More Competitive

Improve print reading skills and ability in just 24 hours

Are your employees making mistakes because they can't read or understand prints?

Does this problem result in costly scrap and rework?

Do your employees or sales people have problems communicating in the field because they can't read or understand prints?

In only 24 hours of training, our specialists at the Auburn Technical Assistance Center can improve the print reading skills of your employees.

This course is taught to the ANSIY14.5M-1982 and ASME Y14.5M 1994 Standards and is designed to teach employees to read and understand mechanical prints. The course consists of eight three- hour classes. Each class consists of a lecture, practical exercises and an exam on the covered material.

What the class covers:

1. Orthographic Projection
2. The Alphabet of Lines
3. Standard Print Reading information such as:
   - Title Block Information
   - Bill of Materials
   - Print Revisions
   - General Notes
4. Section Views
5. Dimensions and Tolerances
6. Geometric Dimensioning and Tolerances
7. Thread Representation and Specification
8. Measurements

Each student will earn a final grade comprised of daily tests and the final exam. The final grade is turned over to the Human Resource Department for entry into the employee personnel file.

This course has been successfully used for more than 5 years to teach students to read and understand mechanical prints.

For More Information Contact:
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Auburn Technical Assistance Center was established in 1976 and is an affiliate of the Alabama Technology Network and an Economic Development Administration University Center. As an Outreach arm of the Auburn University College of Business, ATAC provides business and technical assistance, customized training, and consultation in implementing value-added strategies to manufacturers and other businesses, not-for-profit organizations and government agencies in Alabama and the Southeast.

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Alabama Technology Network

MEP • MANUFACTURING EXTENSION PARTNERSHIP

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