

## Basic Blueprint Reading

This course is designed for Apprentice and Journeyman Tradesmen who require a stronger understanding of blueprint reading. Boilermakers, millwrights and stationary engineers will benefit from this practical oriented program. Emphasis is placed on drawing and reading mechanical blueprint and sketches for the purpose of laying out and assembling mechanical equipment.

### INTRODUCTION

*Objective: To know how the course will develop and the purpose it serves*

#### SUBTOPICS:

- Course Map
- Course Materials
- Course Objective

### OVERVIEW OF BLUEPRINT READING

*Objective: To become familiar with the background of blueprint reading*

#### SUBTOPICS:

- Civil Drawings
- Mechanical
- General

### LAYOUT DRAWINGS

*Objective: To study and interpret these types of drawings*

#### SUBTOPICS:

- Dimensions
- Symbols
- Sections
- Conventional
- Isometrics

### ASSEMBLY DRAWINGS

*Objective: To study and interpret these types of drawings*

#### SUBTOPICS:

- Title Blocks
- Material Lists
- Exploded Views
- Symbols
- Sections