COURSE OUTLINE:

**Day One 0800-1600**
1. Check in and receive drafting equipment.
2. Course outline
3. Pass out notebooks
4. Introduce basic geometry, line drawing, circles, hexagons, squares, and triangles.
5. Discuss parts of a drawing.
6. Quiz and Homework assignment
7. Reading a rule
8. Worksheets #1, 2
9. How to read a Rule (homework)

**Day 2 0800-1600**
1. Line lecture
2. Print Reading (Blocks and Views)
3. Classroom Assignments
4. Quiz
5. Section Views
6. Quiz
7. Tolerances
8. Quiz

**Day 3 0800-1600**
**Welding Symbols**
1. Introduction
2. Weld Joint I.D. & Types of Welds
3. Parts of a Weld
4. Welding symbols
5. Brazing Processes & Symbols
7. Quiz
8. Welding Symbol Worksheet
9. Interpreting Weld Symbols

**Day 4 0800-1600**
1. Plate and Angle Thicknesses
2. Classroom Assignments
3. Reading Drawings
4. Technical Terms and Definitions
5. Technical Terms and Definitions Exercise
6. Drawing Exercises
7. Review
8. Final Examination