

# DDT 214 : PIPE DRAFTING

This course covers the theory and practical applications necessary to understand piping fundamentals as used in refineries and petrochemical plants. Topics include process and mechanical flow diagrams, plant equipment, isometric drawings, instrumentation symbols, pipe symbols, flanges, fittings, and applications of basic math and trigonometry. Upon completion, students should be able to demonstrate pipe drafting techniques and fundamentals in order to prepare working drawings used in refineries and the petrochemical industrial environment.

**Credits** 3

**Lecture Hours** 1

**Lab Hours** 4

**Prerequisites**

DDT 104, DDT 111, DDT 124