



PUMPS AND PIPING SYSTEMS

COURSE OVERVIEW

This course offers an introduction into pumps and piping systems. Topics include various types of pumps:

- Pump analysis(power, efficiency, characteristics)
- Pump selection and maintenace
- Metal, plastic, and threaded piping systems
- Hoses, valves, regulators, strainers, and filters.

COURSE OBJECTIVE

Upon completion of this course, the student will have demonstrated the ability :

- Select, install, and start up various types of pumps.
- Measure and calculate pump parameters and performance.
- Dissassemble and inspect pumps.
- Size and select pipes.
- Thread metal pipes.
- Read and interpret piping schematics.
- Assemble piping systems.
- Select, size, and repair valves and regulators.