Understand engineering principles related to the fluid power industry
  Demonstrate skills required to measure basic engineering quantities
  Apply knowledge related to function and service of fluid power equipment
  Compare performance of components and basic fluid power systems

Understand the use of hydraulic components and mechanisms at the systems level
  Describe fluid power equipment components and functions of the components
  Apply component functions to fluid power systems and controls
  Evaluate safety in fluid power systems and service practices

Understand how to evaluate and optimize the performance of fluid power systems
  Design fluid power equipment service plans
  Formulate cost effective solutions to service fluid power systems on mobile equipment
  Analyze system and component defects then devise a resolution

Become proficient with communicating technical information to effectively work in the fluid power industry
  Demonstrate effective written communication skills
  Demonstrate effective oral communication skills
  Practice skills to become a cooperative team member