

STEAM BASICS

Earn 6.5 Professional
Development Hours

2023 Class Schedule

STEAM BASICS

Jan 11
Feb 15
March 15
April 12
May 10
June 14
July 12
Aug 16
Sept 13
Oct 11
Nov 8

ADVANCED STEAM TOPICS

June 21
Oct 18

Training Facility
location:

Hughes Machinery
8055 Bond,
Lenexa, KS 66214
913-492-0355

www.hughesmachinery.com



- **What is Steam?** Explain everyday uses and benefits of this extraordinary energy source.
- **Steam Tables** - Temperature, latent heat, sensible heat and specific volume and how they relate with varying pressures
- **Types of Traps** - Inverted bucket, float and thermostatic, thermostatic, thermodynamic (disc), bimetallic, free float and others. Discussion on trap operation, serviceability, benefits and potential problems with each type. Live demonstrations with glass

- **Sizing and System Layout** - Learn trap sizing, steam and condensate line sizing, proper pitch for steam/condensate and general piping practices. Our “live” steam boards with glass piping will offer a “hands on” approach.
- **Testing and Auditing** - Our steam trap test board allows for “live” testing. Learn proper techniques for troubleshooting testing and maintaining steam traps, steam and condensate lines. Discussion and payback analysis for steam trap audits and regularly scheduled surveys.

