

STEAM BASICS

Earn 6.5 Professional
Development Hours

2024 Class Schedule

STEAM BASICS

Jan 10
Feb 14
March 13
April 10
May 8
June 12
July 10
Aug 14
Sept 11
Oct 9
Nov 13

ADVANCED STEAM TOPICS

Feb 21
May 15
Aug 21
Nov 20

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.

