



# Kentucky State Fire School

Lexington, KY

June 9-12, 2022

**BCTC, Leestown Campus**

164 Opportunity Way, Lexington, KY 40511



## 114 Evaluating Your Water Delivery Systems

Evaluating and field-testing hose, nozzles and appliances are an important part of planning. The GPM delivered to the fire will adversely affect the outcome if the water flow is not adequate to suppress the fire. Hydraulic calculations are theoretical and only give a starting point to conduct testing and even apparatus discharge plumbing can affect water flow – the only method to confirm calculations is field testing. This class will demonstrate the use of flow meters and inline pressure gauges to field test different types of hose and nozzles. Students will be able to return to their departments and perform necessary testing on equipment, and can aid in developing new SOP's, apparatus flow charts and future purchases.

### **PRE-REQUISITES/EQUIPMENT NEEDED**

Helmet, safety glasses and gloves

*This 1-day course will be offered Thursday.*

**Lead Instructor: Steve Barton, State Fire Rescue Training District 13**

