


**DAY 1**
**Introduction to Chemistry**

Overview of polyurethane and polyurea chemistry

**High Pressure Equipment Overview**
**DAY 2**
**Mobile Platform**

Mobile trailer or box truck setup  
 Power distribution  
 Minimum CFM  
 Why dry air  
 Air distribution  
 Work bench  
 Cabinets  
 Hose racks and reels  
 Drum bracing  
 Portable exhaust  
 Safety equipment  
 Hand tools

**Off-Site**

Proper preparation  
 Trained personnel  
 Key issues

**Bidding a Job**

Conducting a survey of project  
 Determining requirements and responsibilities  
 Moisture and hydrostatic testing  
 Humidity  
 Test mock-ups

**Surface Prep**

General principles  
 Concrete preparation  
 Steel preparation  
 Other substrates  
 Profile measurement gauges

**Spraying the Job**

Sealing and priming the surface  
 Spraying Rhino  
 Overspray containment  
 Ventilation  
 QC/test panels

**DAY 3**
**Inspection**

Site inspection  
 Surface inspection  
 Calcium chloride test  
 Plastic sheet test  
 Review of inspection tools and when to use  
 Pull tester  
 Holiday tester  
 Thickness gauge  
 Hardness tester

**Safety Requirements**

Safety program  
 Hazardous communication program  
 OSHA regulations  
 Personal protection program for all employees  
 Confined space program

**Proven Applications**

Start small  
 Specific targets: case studies; cost analysis  
 Garage floors  
 Codes & regulations  
 Insurance: workers comp, liability  
 Permits & licenses

**Hands on Review of HP-21 Machine**

Spraying with equipment