

Category	Course Title	Delivery Method*	Topics	Presentation s	Discussions	Assignments	Quizzes	Survey	Certificate
General	Harassment Awareness	F2F, Online, Blended	Harassment Awareness (Contains a Facilitator Guide for in-person)	1	0	0	1	0	No
General	Instructor Training Level I	Online	The Excellent Instructor; Learning the Ropes; Adult Learners; Classroom Best Practices; Your First Class; Classroom Management; Presentation Tips; Feedback and Course Update; Continuing Improvement	9	0	0	2	1	No
General	Instructor Training Level II	Online	Introduction; Assessments; Best Practices; Evaluation; Training Administration	24	0	0	4	1	No
General	IUOE Lifestyle Safety Culture	F2F	(Contains a Facilitator Guide) Unit 1: IUOE Resolution, Mission, Vision, Values, & Goals; Safety; Union History of Assistance Programs Timeline; Role of Peers in the Workplace; Ethics; Confidentiality; Effective Communication; Unit 2: Introduction to Lifestyle Issues; Introduction to Stress; Trauma; Critical Incident Stress Management; Addiction; Unit 3: Behavioral Health Issues; Suicide and Suicide Prevention; Unit 4: Family Impact with Lifestyle Issues; Recognize, React, and Recommend; Treatment Models	17 (There are 2 PPT presentations)	No	No	(There are four quiz review documents)	No	No
H&P	Basic Equipment	Online, Blended	Introduction; General Safety; Basic Trades Math; Earth Moving Equipment; Crane Equipment; Distribution Equipment; Paving Equipment; Pit & Quarry Equipment; Demolition Equipment; Pipeline Equipment; Telehandler Equipment	25	1	7	23	0	No
H&P	Basic Grade	Online, Blended	Introduction; Math Concepts, Plans, and Calculations; Soil Compaction and Density; Slope; Instruments to Measure, Record, and Transfer; Plans	14	0	1	10	0	No
H&P	Basic Maintenance	Online, Blended	Introduction; Maintenance Safety; Tools & Fasteners; Preventative Maintenance Principles; Engines; Intake & Exhaust; Fuel Systems; Coolant Systems; Filters & Filtration; Lubrication Systems; Hydraulics; Electrical Systems; Tires; Tracks & Undercarriages; Misc. & Ground Engaging	24	1	1	12	0	No
H&P	CDL Pre-Trip Inspection Test Prep	Online	How This Works; Engine Compartment; Front of Truck; Vehicle Passenger Side; Rear of Vehicle; Driver's Side; Cab; Combination Vehicle	28	0	0	0	1	Yes
H&P	Construction Equipment Nomenclature	Online	Crawler-mounted Equipment; Rubber-tired Equipment; Compaction Equipment; Grading & Ditching Equipment; Revolving Equipment	11	0	0	5	0	No
H&P	Hand Tools and Fasteners	Online	Screwdrivers; Hammers; Pliers; Wrenches; Misc. Hand Tools; Fasteners	6	0	0	6	1	No
H&P	Hydraulics	F2F	Introduction; Basic Hydraulics; Pumps; Valves; Hydraulic Cylinders; Hydraulic Fluid, Reservoirs, and Filters; Hydraulic Coolers and Accumulators; Hydraulic Hoses, Tubing, and Fittings; Safety Around Hydraulics; Applying Hydraulics to Equipment	PPTs not narrated presentations	0	0	0	1	No
H&P	Pre-Operational Inspection	Online	Pre-Operative Equipment Inspection; What Needs Maintenance?: Engine Lubrication System; Engine Intake and Exhaust System; Engine Coolant System; Engine Fuel System; Engine Electrical System; Power Train System; Hydraulic System and Grease Points; Other Components; When and Where Specific Machine Preventive Maintenance is Performed; Pre-Operative Inspection Safety Considerations	11	0	0	9	1	No
Stationary	Arc Flash Awareness	Online	Introduction; Hazards and Causes; Hazard/Risk Assessment Basics; Safety Controls; PPE	5	0	0	1	1	No
Stationary	Basic Plumbing	Online	Introduction; OSHA; Welding, Cutting, Brazing; Plumbing Materials; Plumbing Tools and Equipment; Joining, Installing, and Supporting Pipe; Sanitary Drainage, Vent and Storm Piping; Plumbing Traps; Protecting the Potable Water Supply; Plumbing Fixtures and Appliances	10	0	0	0	1	No
Stationary	Cooling Towers Seminar	Online	Introduction; Cooling Tower Set-up; Routine Maintenance; Thermal Performance; Aftermarket Solutions; Troubleshooting Common Problems	7	0	0	1	1	No
Stationary	Energy Conservation	F2F, Online, Blended	Introduction to Energy Conservation; The Energy Star Program & Energy Benchmarking; The United States Green Building Council and Leadership in Energy and Environmental Design; Effective Energy Management; Metering and Monitoring; Energy Audits and Assessments; Energy Conservation Opportunities; Energy Bills; The Building Envelope; Boilers and Combustion Devices; Steam and Condensate Systems; HVAC Systems; Electric Energy Management; Lighting; Building Automation Systems; Waste Heat Recovery; Advanced Technologies; Building Commissioning; Project Management	20	0	0	18	1	No
Stationary	EPA Section 608 Prep	Online	Core; Type I Small Appliances; Type II High-Pressure Equipment; Type III Low-Pressure Equipment	9	0	0	5	1	No
Stationary	HVACR-I	F2F, Online, Blended	(Contains an Instructor Guides) Overview and Basics; Heating and Ventilation; AC and Refrigeration; Special Purpose Systems; Electrical, Motors, and Piping	21	0	0	5	0	No
Stationary	HVACR-II	F2F, Online, Blended	(Contains an Instructor Guide) Review of HVACR-1; Servicing and Troubleshooting Overview; Service Practices; Chillers; Building Automation Systems; Rooftop Systems; Maintenance	19	0	4	3	0	No
Stationary	Indoor Air Quality	F2F, Online, Blended	(Contains an Instructor Guide and extras folder (simulators)) Indoor Air Quality; Health Concerns; Contaminants; Humidifier Simulator; PPE and Personal Safety; IAQ Investigations	24	0	0	0	1	No
Stationary	Introduction to Boilers	Online	Boiler Basics; Fire Tube Boilers; Water Tube Boilers; Boiler Fittings; Boiler Operation Safety	5	0	0	0	1	No
Stationary	Practical Electricity	Online	Course Introduction; Power Transmission and Distribution Systems; Practical Electrical Safety; Electrical Quantities and Circuits; Using Electrical Test Instruments; Electrical Distribution Systems; Lighting Systems; HVAC Systems; Control Systems	9	0	0	2	1	No
Stationary	Pump Operation and Maintenance Seminar	Online	Introduction; Types of Pumps; Pump Operation and Maintenance; Pump Head Calculations; Pump Operating Characteristics	5	0	0	0	1	No