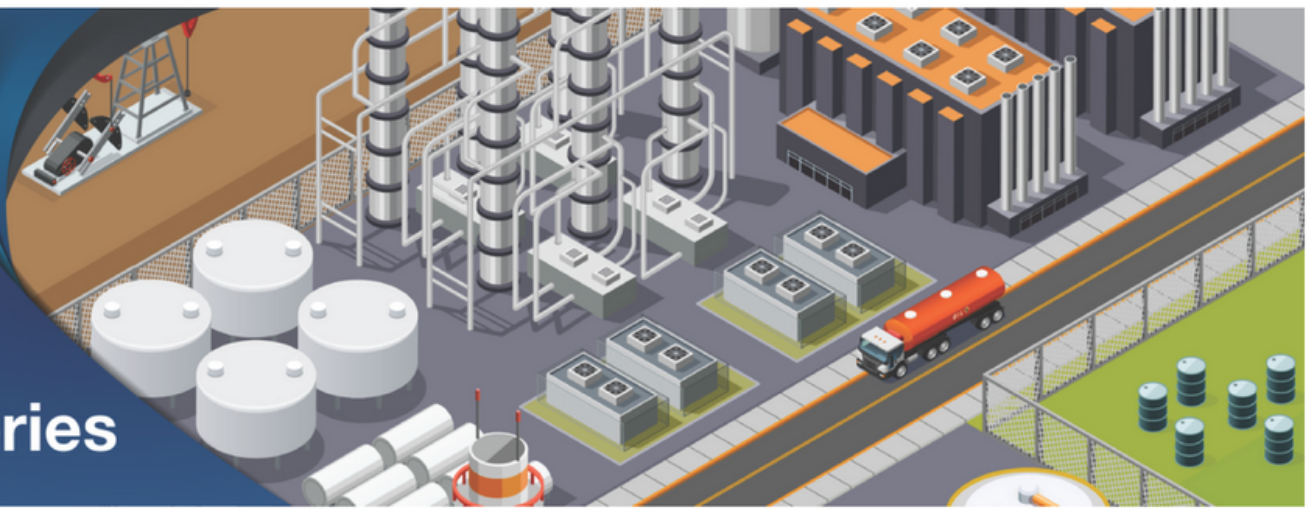


ePilot™

Basic Operator Training

BOT eLearning Series



PetroSkills, ePilot Basic Operator Training Courses (BOT), can help bridge the gap between theory and practice. Participants will gain essential, fundamental knowledge of units, systems, equipment, process control, physics, chemistry, safety, and instrumentation, needed to be successful in the energy and process industry. Our comprehensive BOT utilizes learning techniques proven to improve knowledge transfer, retention, and recollection in the REAL-WORLD.

This series is comprised of the following ePilot™ eLearning courses:



Fundamentals

- Instrumentation: Fundamentals of Control - 4 Hours
- Instrumentation: Process and Instrumentation Drawings - 2 Hours
- Mechanics of Fluids: Introduction to Process Fluids - 4 Hours
- Hydrocarbon Phase Behavior & Vapor Liquid Equilibrium - 4 Hours
- Production Safety Equipment and Support Systems - 5 Hours
- Fundamental of Fluids - 5 Hours



Operational Duties

- Hazard Communication - 4 Hours
- Lockout / Tagout - 2 Hours
- Operator Responsibilities - 1 Hour
- Maintenance Fundamentals - 1 Hour
- Management of Change - 1 Hour
- Emergency Response and Incident Investigation - 1 Hour



Control Room Operations

- Process Control Strategies - 1 Hour
- Introduction to Supervisory Control and Data Acquisition - 2 Hours
- SCADA Operation - 2 Hours
- Control Loops - 3 Hours



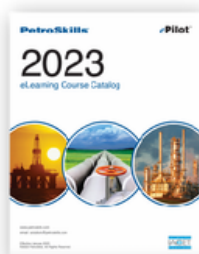
Refining

- Fundamentals of Refining - 2 Hours
- Crude Distillation Overview - 3 Hours
- Refinery Process Overview - 2 Hours



Fundamental Equipment Operations

- Two Phase and Three Phase Separators - 2 Hours
- Storage Tanks - 1.5 Hours
- Tank Venting Systems - 1 Hour
- Valves: Introduction to Valves - 4 Hours
- Valves: Operating Valves - 3 Hours
- Heat Exchangers: Introduction - 4 Hours
- Heat Exchangers: Operations and Maintenance - 3 Hours
- Internal Combustion Engines: Operating Techniques - 3 Hours
- Custody Meters- 2.5 Hours
- Fired Heaters: Operating Techniques - 4 Hours
- Centrifugal Pumps: Introduction - 3 Hours
- Centrifugal Pumps: Equipment & Operation - 4 Hours
- Positive Displacement Pumps - Introduction - 4 Hours
- Positive Displacement Pumps - Equipment & Operation - 4 Hours
- Positive Displacement Compressors: Introduction - 3 Hours
- Centrifugal Compressors: Introduction - 3 Hours
- Pressure Relief Safety Devices - 0.5 Hour
- Flare System Fundamentals - 2 Hours
- Air Compressors - 1 Hour
- Utility and Instrument Air Systems - 1 Hour
- Chemical Injection Systems - 1 Hour
- Heat Medium and Hot Oil Systems - 1 Hour
- Heat Medium System Operation - 0.5 Hour
- Condensers - 1 Hour



[For course descriptions,](#)
[please view our full catalog here.](#)

Contact us: solutions@petroskills.com | Visit us: www.petroskills.com/epilot