



End of Year Special Offer

EnVision On-Demand

LIMITED TIME OFFER

GSE is offering its industry leading learning content at a special rate. First, we are offering a 1-year subscription versus the typical 3-Year requirement. We've also bundled some of the most popular content and discounted it even further. Offer includes 3 packages.

Package 1 – Process Fundamentals

Package 2 – Basic Units (Boiler, Compressor, Furnace, Instrumentation, Pumps)

Package 3 – Any 3 Refining or Upstream Process

Act now, orders must be received by December 15, 2021, to take advantage of this special offer.



Package	5 Concurrent Users	10 Concurrent Users
Process Fundamentals	\$19,000	\$29,000
Basic Units	\$24,000	\$35,000
Midstream & Refining Processes (Any 3)	\$35,000	\$49,000
All Three Packages	\$58,500	\$84,750

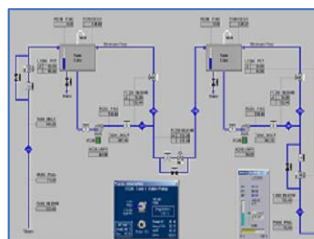
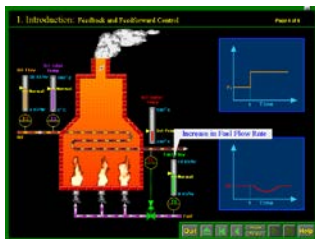
- Fee for 1-Year Subscription
- Includes hosting and maintenance during the term
- Convertible to 3-Year subscription at same price any time prior to expiration
- Subject to GSE Software as a Service (SaaS) Agreement

EnVision On-Demand provides anytime, anywhere access to rich learning content through a SaaS solution that integrates computer-based tutorials and simulations in the cloud. Allowing the learner to do training where they learn best.

Package 1 – Process Fundamentals

Teach fundamental concepts through critical thinking exercised based on using simulation for:

- Dynamics of gas and liquid flow, pressure, temperature, mass and heat balance
- Pump and motor dynamics and fluid transfer
- Heat transfer, heat exchanger principles and temperature control strategies
- Introduction to process control, definitions, open & closed loops systems, feedback and feedforward controls



Process Fundamentals-I

- Gas and Liquid Flow
- Pipe Flow Network
- Single Phase Heat Exchanger
- Single Phase Exchanger w/Bypass Control
- Air Cooler
- Tank and Pump
- Tank, Pumps and a Heat Exchanger

Process Fundamentals-II

- Centrifugal Compressor
- Condensing Heat Exchanger
- Flash Drum
- Three Phase Separator
- Kettle Type Reboiler Heat Exchanger
- Mixer with Heating Jacket
- Reciprocating Compressor
- Steam Turbine with Condenser
- Reflux Drum with Overhead Condenser

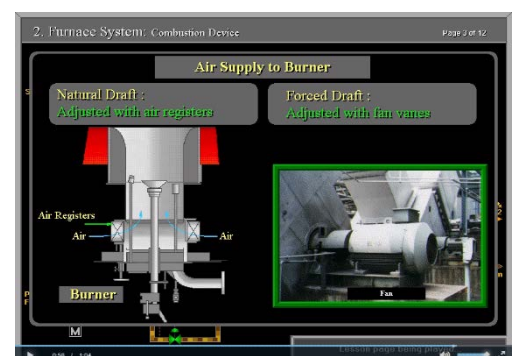
Process Controls

- Process Dynamics
- On/Off Controller
- PID Controller
- Cascade Control
- Ratio Control
- Tuning of Controls
- DCS Systems

Package 2 – Basic Units

Learn the types, usage, major components, performance / controls and troubleshooting for a variety of:

- Boilers
- Compressors
- Furnaces
- Pumps
- Instrumentation

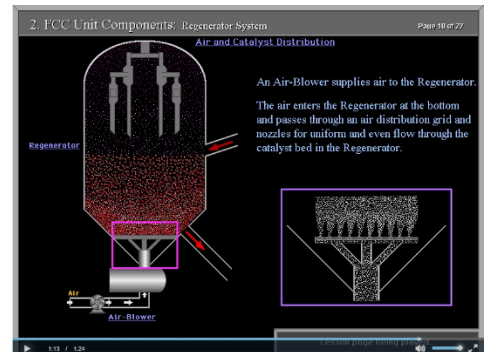


Package 3 – Midstream & Refining Processes (Choose 3 Modules)

Comprehensive simulations and tutorials for all major midstream & refining processes.

Refining Modules

- Amine Treating
- Alkylation: HF & H₂SO₄
- Blending: Gasoline and Fuel Oil
- CDU Atm. & Vacuum
- Delayed Coker & Visbreaker
- FCC: Fluidized Catalytic Cracker
- HCU: Hydrocracker Unit
- HDS: Diesel Hydrotreater
- Hydrogen Unit (SMR) with PSA or Methanator
- Reformer-CCR & Fixed Bed
- SRU: Claus Process, TGTU, Integrated Claus/TGTU



Midstream Modules

- Amine Treating Unit for Upstream
- GOSP: Gas Oil Separation Process
- Glycol Dehydration Unit
- NGL Fractionation
- LNG Unit (Single Mixed Refrigerant)
- Propane Refrigeration
- NGL Gas Plant / Separation



Unique Features of EnVision On-Demand

- Training for educational schools and industrial industries
- Your training content can be added to the platform
- No limit to the number of registered users
- Tutorials include quizzes and 2-5 hours of instruction depending upon the topic
- LMS records student performance on Tutorial Tests and Simulation Exercises
- Packages 1 & 2 include EnVision's Unique Critical Thinking Exercises for autonomous training