



Whether you are a Beginner, Expert or a Master we have got a learning path for you.

Boost your skills with our expert-led training Get Certified for your skills Advance your career

Beginner Level

EHY101

Process Modeling using Aspen HYSYS

Learn to Build, analyze, and optimize steady state simulation models

Become **Aspen HYSYS Certified User**



Expert Level

EHY202

Advanced Solutions

Develop advanced skills for building complex models in Aspen HYSYS

EHY2351

Modeling Heavy Oil & Gas Production and Facilities

Improved modeling tools to enable shared workflow



Become **Aspen HYSYS Certified Expert User**

Master Level

EHY150

Refinery Process Modeling

Develop rapid flowsheets and use different HYSYS functions to build steady-state refinery process simulations

EHY223

Build, Optimize and Control Dynamic Process Models

Build dynamic models to solve process design, plant operation and control problems



Become **Aspen HYSYS Certified Master User***

*Under Development

Aspen HYSYS skills acquired at each level

- Build, navigate and optimize steady state simulation models with various unit operations using best practices
- Determine the optimum operating points for a process and evaluate the performance
- Troubleshoot common convergence problems
- Debottleneck process equipment like heat exchangers, columns, pipes, and compressors.

- Create and optimize complex models associated to Upstream, Midstream, Refining and Safety applications.
- Employ seamless, integrated tools for costing, energy management, safety analysis and equipment design.
- Integrate pipeline models with processing facilities to conduct what-if analyses and optimizations.

- Build dynamic models to solve process design, plant operation and control problems.
- Characterize crude assays, track key petroleum properties, perform case studies, optimize, and troubleshoot refinery process units.
- Calibrate, troubleshoot, and optimize Fluidized Catalytic Cracking, Catalytic Reformer, Hydrocracker reactor model using Aspen HYSYS® Petroleum Refining.

Democratize the application of AI to solve the process industry's most difficult problems using Aspen Hybrid Models with Aspen HYSYS. To learn more on our breakthrough technology [click here](#).

Attend our [expert-led training on Aspen Hybrid Models](#) and get recognized with our [Aspen Hybrid Models Certification exam](#)