Ewfre

EIEPD Aspen E-Lerning Map

Content

Which Aspen software will you learn?

At EIEPD we have a comprehensive plan for you! Not only does it contain the professional instruction of a number of Aspen software, but also it is all free of charge.

You as a process engineer will learn how to use professionally the following Aspen products:

1.Aspen Plus

2.Aspen Energy Analyzer

3.Aspen Capital Cost Estimator

4.Aspen EDR

5.Aspen Flarenet

6.Aspen Hysys

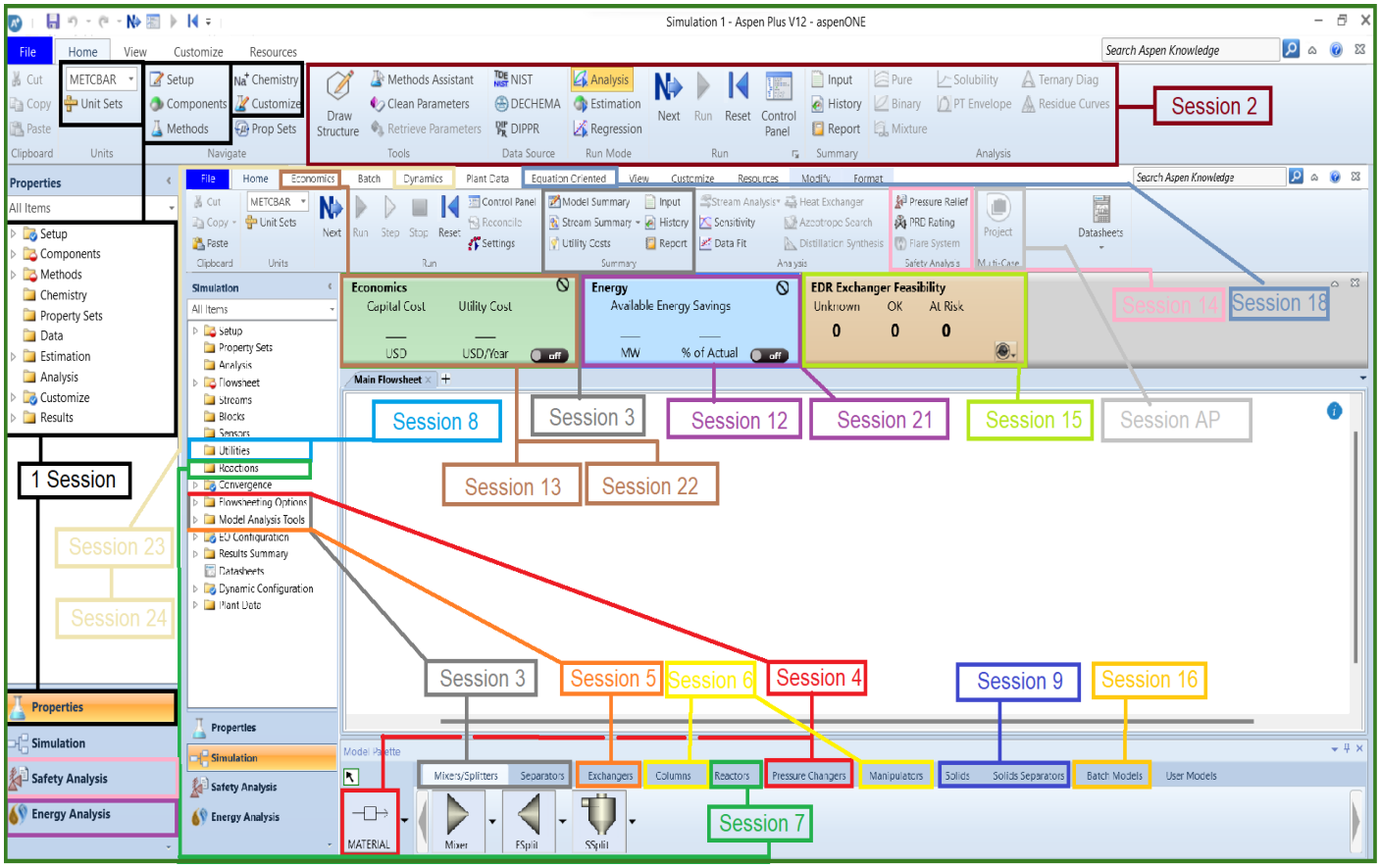
7.Aspen Plus Dynamic

Our free, professional, comprehensive courses are presented in sessions:

Sessions	Contents
1	Aspen Plus Properties
2	Binary Mixture in Aspen Plus
3	Seperation and Mixing in Aspen Plus
4	Pressure Change in Aspen Plus
5	Heat Exchanger in Aspen Plus
6	Distillation Column in Aspen Plus
7	Reactor Modeling in Aspen Plus
8	Utility in Aspen Plus
9	Solid Modeling in Aspen Plus
10	Polymer Modeling in Aspen Plus
11	Electrolytes in Aspen Plus
12	Aspen Energy Analyzer-Basic
13	Aspen Capital Cost Estimator-Basic
14	Aspen Safety Analysis

Sessions	Contents
15	Aspen EDR
16	Batch Modeling in Aspen Plus
17	Review of Templates in Aspen Plus
18	EO Configuration
19	Utility Plant Simulation in Aspen Plus
20	Methanol Plant Simulation in Aspen Plus
21	Aspen Energy Analyzer-Advanced
22	Aspen Capital Cost Estimator-Advanced
23	Aspen Plus Dynamic - Basic
24	Aspen Plus Dynamic – Advanced
25	Aspen Hysys Dynamic-Basic
26	Aspen Hysys Dynamic-Advanced
27	Aspen Flarenet
28	AP: Additional Parts, Case Studies

EIEPD Map


Session 2
Session 14
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Session 16
Session 7

Details

Session	Contents
1	1.Set-up Definition 2.Example-Water Transport 3.Property Methods 4.Example-Petroleum Assay Characterization 5.Example-Polymer Characterization 6.Example-Water De-souring 7.Example-Solid Classification 8.Example-Pharmecutical Application
2	1.Physical Properties 2.Retrieving physical property data 3.Example-Creating a VLE Diagram 4.Example-Pressure Swing Distillation 5.Example-Validation of Property Methods 6. Azeotrope Search and Analysis of Ternary Systems 7. PT Envelope Analysis
3	1.Example-Mixing 2.Example-Seperation 3.Input, History, Report, Printing 4.Model Summery, Stream Summery
4	1.Example-Pump calculation 2.Example-Water transport 3.Example-Steam-Electricity Generation loop 4.Sensivity Analysis 5.Design Spec
5	1.Simple Heat Exchanger 2.HeatX
6	1.Example-DSTW 2.Example-RadFrac 3.Example-Column Sizing 4.Convergence Solution
7	1.Plug Flow Reactor 2.CSTR 3.RYield 4.RStoch 7.REquil 8.RGibbs
8	1.Definition of utilities 2.Example-Usage of utilities in Distillation Unit + Pump

Session	Contents
9	1.Example-Crusher 2.Example-Fluidized Bed 3.Example-Drying 4.Example-Crystallization
10	1. Component Characterization 2.Reaction Definition 3.Polymerization Reactor Modeling
11	1.Example-Water Desouring 2.Example
12	1.Scenario Definition 2.Data Input 3.Utility Input 4.Checking proposed Design
13	1.Example-Distilation Column Capital Cost Estimation 2.Cost calculation procedure 3.Integrated Economics in Aspen Plus