Mindluster Platform

About the course Aspen Plus Process Modeling Basics

Aspen Plus Process course, In this course we will learn about Aspen Plus Process Modeling, focusing on its applications in chemical and industrial process design and optimization.

Engineering Category's Courses

Course Lesson(24)

Lesson 1 : **Aspen Plus Intermediate Process Modeling Trailer**

Lesson 2 : **Welcome to the Course Aspen Plus Intermediate Level Lec001**

Lesson 3 : **Course Content Lec002**

Lesson 4 : **Course Requirements Lec004**

Lesson 5 : **Introduction to Section 2 Flowsheet Modification Lec011**

Lesson 6 : **Flowsheet Modification 2A Lec012**

Lesson 7 : **Workshop Improving Appearance of a Flowsheet Lec022**

Lesson 8 : **Flowsheet Annotations Lec028**

Lesson 9 : **Workshop Flowsheet Annotations Lec029**

Lesson 10 : **Introduction to Unit Operations Section Lec066**

Lesson 11 : **Workshop Mass Balances with Sep1 and Sep2 Lec074**

Lesson 12 : **Heat X Shortcut Method Lec077**

Lesson 13 : **RadFrac Model for Distillation Columns Lec087**

Lesson 14 : **Workshop Distillation Separation of a C4 C7 hydrocarbon mix with RadFrac Lec089**

Lesson 15 : **Modeling CSTR reactors with R CSTR in Aspen Plus Lec105**

Lesson 16 : **Workshop Pressure Drops in Different Piping Systems Lec125**

Lesson 17 : **Adding Temp Pres Flow labels to the Flowsheet Lec132**

Lesson 18 : **Workshop Plotting Stages Recycle ratio and Purity of a Distillation Column Lec138**

Lesson 19 : **Graphing Sensitivity Analysis Results Lec150**

Lesson 20 : **Workshop Sensitivity Analysis of an Adiabatic and Isothermal Reactors Lec153**

Lesson 21 : **Introduction to the Case Studies Lec160**

Lesson 22 : **Case Study 1 Hydrodealkylation of Toluene Problem Statement Lec162**

Lesson 23 : **Workshop Modeling Distillation Column with DSTWU Lec085**

Related courses

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business@mindluster.com