

## Mass Transfer (KG178)

### DESIGNED FOR

Engineers in the refining, petrochemical, chemical, and EPC industries. The course includes classroom training, design exercises, and hands-on sessions in the pilot plants.

### COURSE OVERVIEW

This 4-day course is taught by engineering professionals with extensive mass transfer experience. It combines classroom lectures with hands-on experiments in a world-class pilot plant. The lectures include class-worked examples, videos, demonstrations, viewing product samples, and the use of detailed notes. During the course of each session attendees will participate in several pilot-plant experiments that will demonstrate the concepts discussed in the classroom.

### SOME TOPICS COVERED DURING COURSE

- Fundamentals of different types of mass transfer devices
- Operation of trays, packing and distributors
- Basic mass transfer equipment calculations
- Applicability of different mass transfer devices
- Equipment design and selection

### LOCATION, DATE & PRICE

Wichita, KS / November 3-6, 2025 — \$2,995

## Mass Transfer: Troubleshooting & Applications (KG210)

### DESCRIPTION

This optional fifth day builds on the 4-Day Mass Transfer School with a focused session dedicated to addressing complex mass transfer challenges. Participants will take part in interactive discussions that cover diagnostic techniques, root cause analysis, and solution development. The session includes real-world case studies, offering practical insights and hands-on experience relevant to day-to-day plant operations.

### PARTICIPANTS WILL ENGAGE IN:

- Interactive diagnostic exercises
- Case study breakdowns showcasing real industrial challenges
- Opportunity to receive instructor feedback on your own troubleshooting issues
- Industry-specific breakout groups to explore applications in your sector

### LOCATION, DATE & PRICE

Wichita, KS / November 7, 2025 — \$495

### PLEASE NOTE:

KG151/Intro to Mass Transfer is a pre-requisite to KG178.  
KG151 online modules can be taken as a standalone course.



*We've educated thousands of  
professionals from all over the world.*

## **KG: KG178** **4-Day Course** **2.8 CEUs (IACET)**

*(Continuing Education Units)*

*Prerequisite: Intro to Mass  
Transfer (KG151). Course is  
included in the KG178 course fee.*

## **KG: KG210** **1-Day Course** **0.6 CEUs (IACET)**

*(Continuing Education Units)*

*Prerequisite: KG178: Mass Transfer*

*Discounts available and dates  
are subject to change.*

*Contact the Koch Engineered  
Solutions Institute for  
more details.*

**[www.koch-glitsch.com/  
mass-transfer-school](http://www.koch-glitsch.com/mass-transfer-school)**

**918.234.1800**

## INCLUDED

Each participant will receive a color hardcopy of the course presentation and a certificate of completion.

Each registrant will receive a complete lunch, morning and afternoon snacks and all-day complimentary beverages.

## PAYMENTS/CANCELLATIONS

Your registration in a class is not guaranteed until payment in full has been received. Payment is due 30 days before the start of a class.

Cancellations received at least 30 calendar days before the start of a class will be 100% refunded. Cancellations less than 30 calendar days before the start of a class will not be refunded. However, students may at their option find their own replacement up to 15 business days prior to the start of the course. Students who fail to show up for a class will not receive a refund. If a student cannot attend their scheduled course, they may transfer their registration to another course of their choosing with no penalty incurred. This transfer must occur 15 business days prior to the start of a course.

We reserve the right to deny admission for any reason permitted by law including, without limitation, the admission of employees of companies that. Koch Engineered Solutions deems to be a competitor. All decisions regarding admissions are made without regard to color, race, religion, gender, sexual orientation, national origin, ethnicity, age, disability, pregnancy, veteran status, or other legally protected factors.

## Questions?

**Please contact the Koch Engineered Solutions Institute at 918.234.1800.**

*Disclaimer: This document was prepared for promotional purposes only. Class dates and locations are subject to change without notice. Check the Koch Engineered Solutions Institute website for the most up-to-date information. The Koch Engineered Solutions Institute is not responsible for any costs associated with cancellations. The information provided is neither a guarantee nor a statement of warranty, either expressed or implied.*

We reserve the right to cancel the registration of a student at our sole discretion. In such event, we will refund the course tuition.

Our company considers the health and safety of all our attendees, guests, and employees of paramount importance. All events shall be held in accordance with all company and venue policies and procedures as well as all local laws, regulations, and guidance in relation to COVID-19. It is the responsibility of each attendee to abide by all such policies, procedure, laws, regulations, and guidance while attending the event. If an attendee is unable to attend the event and must cancel or postpone their reservation in order to comply with the aforementioned, the company shall endeavor to transfer the reservation to the next available event.

## POLICY STATEMENT

It is the policy of the Koch Engineered Solutions Institute that 100% of the tuition must be paid by the student's employer or an affiliate of the employer. Payment for classes may be made only once the students have been approved for admission.

## THOUSANDS OF PROFESSIONALS EDUCATED

Our industry values experience and expertise. That's why thousands trust us for training and education. Each year, professionals from around the globe attend the Koch Engineered Solutions Institute, where they learn from industry leaders in the classroom and at the largest, most advanced combustion testing facility in the world. Let us share our knowledge with you.