



Principles of Chiller Plant Design



The keys to superior plant design



Daikin Applied is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU.



Principles of Chiller Plant Design

Course Location

Daikin Applied
13600 Industrial Park Blvd.
Plymouth, MN 55441
PH: 763-553-5324

Course Fee

\$1,200

Course Length

5 days

CEU's Offered - 3.5

Yes No

Testing Required

Yes No

2018 Course Schedule

May 7 - 11

Dec 3 - 7

Registration Deadline

Apr 20

Nov 16

The training fee is 10% higher for registrations received after the deadline.

Daikin Learning Institute will provide

Instruction Materials

Coffee Breaks

Lunch

Group Dinner

Principles of Chiller Plant Design

Course Description: This course is intended to give the sales engineer and technician a thorough understanding of chiller plant design. The attendee will learn hydronics, pump design, condenser water systems, building loads and diversity, terminal devices, constant and variable flow systems, chiller plant variations and optimization, energy recovery, water-side free cooling, thermal storage, process applications, district cooling and mechanical room safety. Attendees will mix in class instruction with hands-on work experiences in the ADC. Real world examples using plans and specs will be used as homework assignments.

Course Level: Beginner

Who Should Attend: Sales and application engineers and technicians who will be involved with chiller sales and owner direct sales.

Prerequisite Courses or Skills: Engineering degree or strong technical background. Completion of the Principles of Refrigeration is strongly recommended.

Learning Outcomes:

Upon successful completion of this course, attendees will be able to:

- Understand hydronics design and pump selection
- Assess how building load profiles affect chiller plant design
- Learn all forms of chiller plant design including constant and variable flow systems, how they work and how they are controlled
- Identify low delta T issues and how to resolve them
- Analyze chiller plant optimization for energy efficiency
- Distinguish what systems work best within different applications



Daikin Learning Institute Training Registration Form

Course Title: _____
Dates: _____
Course Location: _____
Company Name: _____
Mailing Address: _____
City, State, Zip: _____
Student Name: _____ Email: _____
Phone Number: _____ Fax Number: _____
Submitted By: _____ Email: _____
Phone Number: _____ Fax Number: _____

Please Specify Payment Option Below And Complete All Information.

Company Name: _____
Billing Address: _____
Contact: _____
City, State, Zip: _____
Phone Number: _____ Fax Number: _____

CREDIT CARD: Master Card VISA American Express Discover (Novus)

Card Number: _____ Expiration Date: ____ / ____ / ____

Cardholder Printed Name: _____

Payment is due in advance or student(s) will not be admitted.

Mail copy of application form to:
Daikin Applied/ Attn: Daikin Learning Institute
13600 Industrial Park Blvd.
Plymouth, MN 55441
763-553-5324

E-mail copy of application to:
training.reg@daikinapplied.com

Daikin Learning Institute reserves the right to make changes or alternations to the course content or schedule, and is not responsible for fees associated with changing dates or cancellation of classes. In the unlikely event of a schedule change or cancellation, our best effort will be made to notify all registrants in a timely manner.