

Industrial Refrigeration Operator Training

Task Force Alliances:



ALLIED FROZEN STORAGE, INC.



ECC Memberships:



SPRING 2014 INDUSTRIAL REFRIGERATION CLASS SCHEDULE

INDUSTRIAL REFRIGERATION I (ME-120)

Topics include: Basic refrigeration theory and the refrigeration cycle, physical properties of various refrigerants, refrigerant performance tables, compressor types, compressor operation and maintenance, lubrication, evaporators, condensers, high pressure receivers, purging non-condensable gases from the refrigeration system and ammonia refrigeration plant safety.

Starting Dates: * Saturday schedule, one session: January 25, February 1, 8, 22 and March 1

INDUSTRIAL REFRIGERATION II (ME-121)

Topics include: Liquid feed to evaporators and vessels, direct expansion and gravity flooded evaporators, pumped and pressure driven liquid re-circulation systems, secondary refrigerant systems, pressure enthalpy diagrams, psychrometrics, two-stage refrigeration systems, pressure regulating valves, and defrost systems.

Starting Dates: * Saturday schedule, one session: March 8, 15, 29, April 5 and 12

Pre-requisite: ME-120 (Industrial Refrigeration I).

INDUSTRIAL REFRIGERATION III (ME-122)

Topics include: System layout and piping diagrams, design codes and standards, system piping and mechanical integrity, OSHA Process Safety Management, compressor operations and controls, capacities of evaporators and metering devices and condenser operations and controls.

Starting Dates: * Call for Information

*Dates are subject to change: Each Saturday course runs for five Saturdays, and weekday classes are offered on a Monday to Friday basis. These classes begin at 8:00 a.m. and run until 5:00 p.m. (approximately 40 hours of combination classroom/lab time). We offer customized dates and times for your company with a minimum of 8 employees.

For further information contact Marv Tryon at (716) 851-1932 or tryon@ecc.edu
INDUSTRIAL REFRIGERATION
ECC North Campus • 6205 Main Street • Williamsville, NY 14221
www.ecc.edu/academics/refrig.asp

 **ERIE COMMUNITY COLLEGE**
STATE UNIVERSITY of NEW YORK

Start Here. Go Anywhere!