

Course Name

ZERO NET ENERGY FOR THE REST OF US (EDC)

THE FINER POINTS OF BUILDING SCIENCE FOR HOUSES THAT WORK IN COLD CLIMATES (EDC)

INTRODUCTION TO SOLAR: TECHNOLOGY, RESOURCES AND POLICIES

ARE YOU PUMPED UP? ACHIEVING WIDESPREAD QUALITY INSTALLATIONS OF COLD CLIMATE AIR SOURCE HEAT PUMPS

ELECTRIC CARS ARE COMING! WHAT SHOULD REAL ESTATE OWNERS AND BUILDING INDUSTRY PROFESSIONALS KNOW AB

FROM CONTROL LAYERS TO HIGH-PERFORMANCE ENCLOSURES

BUILDING PRODUCTS AND SYSTEMS: THE GOOD, THE BAD, THE UGLY (ON DEMAND WEBINAR)

CATHEDRAL ROOF VENTING DEEP DIVE AND DEMO (ON-DEMAND WEBINAR)

DEEP ENERGY RETROFIT STRATEGIES FOR AGING HOMES (ON-DEMAND WEBINAR)

BATH FAN INSTALLED PERFORMANCE: THE PRESSURE IS ON! (ON-DEMAND WEBINAR)

CHANGE MANAGEMENT FOR YOUR ORGANIZATION

SMART THERMOSTATS 101: FEATURES, BENEFITS AND MARKET TRENDS

UNDERSTANDING ELECTRIC POWER QUALITY DISTURBANCE

HEAT PUMPS: GEO- THERMAL & AIR SOURCE TECHNOLOGIES AND APPLCATIONS

HEALTHY IS THE NEW GREEN

Course Name
INFRARED PUZZLER
ADDRESSING RADON IN THE HOME
TUCK-UNDER GARAGE RETROFITS
DESIGN FEATURES OF ENERGY EFFICIENT GAS FURNACES
THE SECOND LIGHTING REVOLUTION: NETWORKED LIGHTING CONTROLS
HVAC TECHNOLOGY ENHANCEMENTS FOR ENERGY CONSERVATION (ON DEMAND WEBINAR)
OFFSITE CONSTRUCTION FROM THE GROUND UP
KEYS TO A NET ZERO ENERGY HOME
PROJECT OVERCOAT: WALL INSULATION UPGRADE TESTING AT THE CLOQUET RESIDENTIAL RESEARCH FACILITY (EDC)
ALL ELECTRIC NEW HOMES: HIGH PERFORMANCE PATHWAYS (EDC)
MANAGING BUILDING PRESSURE DIFFERENTIALS IN HIGH PERFORMANCE, LOW LOAD HOMES (EDC)
SCALING UP DEEP ENERGY RETROFITS IN COLD CLIMATES
THE BENEFITS OF RAINSCREEN DESIGN (EDC)
AIR SOURCE HEAT PUMPS- TECHNOLOGY INTRODUCTION (EDC)
ANATOMY OF A RESIDENTIAL AIR TO WATER HEAT PUMP SYSTEM (EDC)

Course Name
WHAT HOUSING PROFESSIONALS NEED TO KNOW ABOUT NET ZERO AND THE NEW ENERGY GRID
HOUSING DISRUPTION REALITIES, CRISES AND TRANSFORMATIONS: ARE YOU READY?
PART 2: ATTIC AND ROOF CONFIGURATIONS THAT WORK AND WHY (WEBINAR)
PART 3: ATTICS AND ROOFS THAT DONT WORK AND WHY (WEBINAR)
DUCTLESS HEAT PUMP APPLICATIONS FOR HIGH PERFORMANCE HOMES (WEBINAR)
HOW I BUILT A NET-ZERO HOUSE (EDC)
WHAT MATTERS MOST IN DETERMINING HEAT PUMP APPLICATION TYPES (EDC)
APPLICATION OF BUILDING SCIENCE TO THE BUILDING ENCLOSURE FROM THE GROUND UP (EDC)
WHEN THE ORDER MATTERS: A ROADMAP FOR RETROFIT (EDC)
INCREASING PERFORMANCE OF FORCED AIR HEATING SYSTEMS (EDC)
APPLICATION OF BUILDING SCIENCE TO WINDOWS AND HEATING AND COOLING SYSTEMS (EDC)
INTRODUCTION TO SOLAR TECHNOLOGIES (EDC)
STRATEGIES FOR HEAT PUMP ADOPTION AT THE TIME OF AIR CONDITIONING REPLACEMENT (EDC)
MECHANICAL SYSTEMS FOR HOT WATER, INDOOR AIR QUALITY AND VALIDATING APPLICATION OF BUILDING SCIENCE
HIGH PERFORMANCE WINDOW INSTALLATION (EDC)

Course Name

DECARBONIZING THROUGH THERMAL ENERGY DISTRICTS (EDC)

SYSTEMS THINKING AND INTEGRATED DESIGN (EDC)

THE JOY OF DECARBONIZING IN HOMES (EDC)

INTRODUCTION TO CARBON EMISSION REDUCTION CHALLENGES (EDC)

EXTENDING THE LIFE OF A ROOFING ASSEMBLY (EDC)

FEELING HOT, HOT, HOT...WATER! (EDC)

STUDYING THE IMPACT OF OPERATIONAL CARBON REDUCTIONS (EDC)

HIGHLY PERMEABLE MEMBRANES ALLOW VAPOR DIFFUSIVE DRYING AND STOP HEAT LOSS (EDC)

HAVING SUCCESS WITH COLD WEATHER HEAT PUMPS (EDC)

EMBODIED CARBON (EDC)

A FIELD PERSPECTIVE ON BALANCED VENTILATION HRV AND ERV (EDC)

LOCATION, LOCATION, LOCATION FOR EV CHARGING (EDC)

COST EFFECTIVE DECISIONS TO REDUCE CARBON EMISSIONS IN THE CONSTRUCTION INDUSTRY (EDC)

ASBESTOS - YES, IT'S STILL AROUND! (EDC)

COLD CLIMATE AIR SOURCE HEAT PUMPS: A PRIMER AND LAUNCH PAD (EDC)

Course Name
HYDRONICS FOR LOW ENERGY & NET ZERO HOMES (EDC)
IMPROVING RESIDENTIAL HVAC PERFORMANCE AND ENERGY EFFICIENCY (EDC)
ENERGY EFFICIENCY, SUSTAINABILITY, AND CLIMATE ACTION IN THE CITY OF DULUTH (EDC)
HIGH PERFORMANCE MECHANICAL SYSTEMS FOR HOUSES THAT WORK (EDC)
AIR MANAGEMENT FOR HIGH-PERFORMANCE, LOW-LOAD HOMES (EDC)
4-PART HEAT PUMP DESIGN PROCESS (EDC)
OBSERVING BUILDING ENCLOSURES LEAKING; HEAT, AIR AND WATER USING INFRARED THERMOGRAPHY (EDC)
ELECTRIC VEHICLES AND CHARGING INFRASTRUCTURE: WHY AND HOW? (EDC)
HEALTHY AIR IN EVERY HOME WE BUILD: MANAGING HUMIDITY, AIR PURITY AND VENTILATION (EDC)
HEAT PUMPS: TIPS FOR OPERATIONAL READINESS (EDC)
LEAD-SAFE METHODS FOR REMODELING, REPAIR AND PAINTING ACTIVITIES (EDC)
DESIGNING FOAM-FREE PASSIVE HOUSE ASSEMBLIES IN CLIMATE ZONE 6 & 7 (EDC)
SOLAR + ENERGY STORAGE - DON'T MISS THE CLEAN ENERGY WAVE! (EDC)
2020 HEALTHCARE LIGHTING TRENDS
HEAT PUMPS 101: COLD CLIMATE AIR SOURCE HEAT PUMPS: A PRIMER AND LAUNCH PAD (EDC)

Course Name
FUNDAMENTALS OF BUILDING SCIENCE FOR HIGH PERFORMANCE HOMES (EDC)
ASSESSING AND TESTING HIGH EFFICIENCY RESIDENTIAL BOILERS
HIGH PERFORMANCE HOMES
HOW TO INCREASE COOLING TOWER EFFICIENCY
HOUSES THAT WORK (EDC)
2022 BETTER BUILDINGS: BETTER BUSINESS EVENT
AIR-TO-WATER HEAT PUMPS AND HYDRONIC SYSTEMS
RADON SERVICES AND CONTRACTOR OPPORTUNITIES
GRID-INTERGRATED BUILDINGS
WATER MANAGEMENT FOR A SUSTAINABLE BUILDING ENCLOSURE
BUILD BETTER PERFORMING, DRIER AND MORE DURABLE EXTERIOR WALL ENVELOPES
REDUCING RADON TO REDUCE COSTS AND LIABILITIES
MULTI-LAYER DECKING: USING CELLULAR PVC TECHNOLOGY
MAXIMIZE SPACE AND PERFORMANCE WITH HIGH EFFICIENCY COMBINATION APPLIANCES
STRUCTURAL INSULATED PANELS: MORE THAN JUST SINGLE-FAMILY DWELLINGS

Course Name

THE NEXT FRONTIER IS ENERGY SUBMETER: BENEFITS AND LESSONS LEARNED

FROM CONTROL LAYERS TO ROBUST, HIGH-PERFORMANCE ENCLOSURES (EDC)

TOP 10 COLD CLIMATE HEAT PUMP INSTALLATION FAILS (EDC)

PASSIVE HOUSE & CODE, ASHRAE AND OTHER GREEN BUILDING STANDARDS (EDC)

HIGH PERFORMANCE WINDOW INSTALLATION (EDC)

STRATEGIES FOR HEAT PUMP ADOPTION AT THE TIME OF AIR CONDITIONING REPLACEMENT (EDC)

THE 2000-WATT SOCIETY AND PASSIVE HOUSE (EDC)

THE BENEFITS OF RAINSCREEN DESIGN (EDC)

CONNECTING WITH AIR SOURCE HEAT PUMP CUSTOMERS (EDC)

IS IT REALLY ALL ABOUT ENERGY? (EDC)

AN UPDATE ON PROJECT OVERCOAT: WALL INSULATION UPGRADE TESTING AT CRRF (EDC)

DECARBONIZING FUEL-FIRED EQUIPMENT IN BUILDINGS (EDC)

SOLAR ELECTRIC SYSTEMS FOR YOUR BUSINESS: A CLOSER LOOK

BUILDING THE OPTIMAL CUSTOMER-CENTRIC HOMEL ENVELOPE ASSEMBLIES, MECHANICAL SYSTEMS AND THE SALE

RESIDENTIAL INDOOR AIR QUALITY (C1)

Course Name
BLOWER DOOR TESTING IN SMALL MULTIFAMILY BUILDINGS (F1)
GETTING IT DONE: NET ZERO HOMES TO MEET LOCAL CLIMATE GOALS (A9)
ENERGY EFFICIENCY IN FOOD PROCESSING: COOLING TOWERS AND STEAM SYSTEMS
PART 1: INSIDE THE LAB: PACKAGE ROOFTOP UNIT ORIENTATION
PART 2: ROOFTOP UNIT ENERGY CONSERVATION STRATEGIES
PART 3: OPTIMIZE YOUR ROOFTOP UNIT
ENERGY EFFICIENCY STRATEGIES FOR HIGH PERFORMING BUILDINGS
WISCONSIN UNIFORM DWELLING CODE DEEP DIVE: AIR SEALING
AIR SOURCE HEAT PUMP BEST PRACTICES - FROM RETROFIT TO NEW CONSTRUCTION
SMART(ER) THERMOSTATS PLUS A BONUS: HVAC SERVICE VIA BLUETOOTH & THE INTERNET
WI COMMERCIAL BUILDING CODE FOR LOW-RISE RESIDENTIAL APPLICATION: DO YOU MEASURE UP?
TIPS FOR OPERATIONAL READINESS (EDC)
ENERGY EFFICIENCY IN FOOD PROCESSING: COOLING TOWERS AND STEAM SYSTEMS
ENERGY MANAGEMENT THROUGH SMARTER NEIGHBORHOODS
UNDERSTANDING THERMALLY MODIFIED WOOD (EDC)

Id	Course Name
	WHAT YOUR BUSINESS NEEDS TO KNOW ABOUT THE INFLATION REDUCTION ACT (EDC)
	ON THE ROAD TO NET ZERO ENERGY HOMES (EDC)
	WISCONSIN COMMERCIAL BUILDING CODE: DO YOU MEASURE UP?
	HEAT PUMP WATER HEATER TECHNOLOGY - CUSTOMER BENEFITS AND TECHNICAL CONSIDERATIONS (EDC)