



Advance Your Career!

Increase your knowledge. Add a course in energy analysis and auditing or one in HVAC and move your career to the next level.

Now you can take an initial course in UIC's Master of Energy Engineering program without enrolling in the program.

Whether you work in engineering, energy efficiency, HVAC design or project management, courses from UIC's Master of Energy Engineering program can help take your talents to the next level.

The proprietary curriculum is 100% practical and is immediately applicable to the work you do every day.

UIC offers two initial courses for professional development or to start the Master of Energy Engineering degree program.

ENER 424: INDUSTRIAL ENERGY MANAGEMENT AND CONSERVATION

Beginning course in energy analysis and auditing. The course also provides an overview of the energy industry, billing, lighting, motors, boilers, industrial steam systems and pump theory.

Offered: August 2017

ENER 422: BUILDING HEATING, VENTILATING, AND AIR CONDITIONING

Establishes the basic knowledge needed to understand heating and cooling systems, and loads, dehumidification, solar heat loads, refrigeration cycles and psychrometrics.

Offered: January 2018

FOR MORE INFORMATION:

<http://ec.uic.edu/engineering/coursework-energy-engineering>



Add New Skills to Your Resume and Move Your Career Forward

Building Heating, Ventilating, and Air Conditioning! In this course, you will learn important foundational knowledge in heating and cooling systems, heating and cooling loads calculations, humidification/dehumidification/psychrometrics, refrigeration cycles, construction issues in buildings, indoor air quality and duct design.

ENER 422 is part of UIC's Master of Energy Engineering curriculum. For the first time you can take the course without enrolling in the Master's program.

Courses feature:

- Focus on commercial and industrial technologies
- Proprietary 100% practical curriculum
- Courses taught in the evening – allowing you to work during the day
- Faculty with real world experience
- Credits transfer directly into Master of Energy Engineering program

Prerequisites:

An undergraduate degree in engineering, science or math or undergraduate senior standing.

Prior coursework in thermodynamics and heat transfer is recommended.

ENER 422: BUILDING HEATING, VENTILATING, AND AIR CONDITIONING

COURSE DETAILS

DATE: Wednesdays, 6 PM
1/16/18 - 5/4/18

LOCATION: UIC Campus

TUITION: \$2,520

WEBSITE:

<http://ec.uic.edu/engineering/coursework-energy-engineering>

CONTACT:

extendedcampus@uic.edu

I chose the Master of Energy Engineering program at UIC because I wanted a program that focused on the practical. The best part was that I was able to directly apply knowledge learned in the classroom – HVAC, LEED, energy auditing – to my work.

Marcin Jakubowski
Senior Mechanical Engineer and
Sustainability Leader at RTM
UIC Class of 2012

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