For More Information

Teachers interested in attending the 2022 Energy in Todays' Classroom course should contact their local electric cooperative for more information.

"I came away with a lot of respect for the local co-op. What they do is not simple. There are a lot of different things they have to weigh. It takes good quality people who are educated in their respective roles to pull it off … I have a higher level of trust in my cooperative."

- Doug Selby, 2013

"It is important for students to understand how we get our electricity, and now I have additional tools to enhance my lesson plans."

- Carla Knipp, 2014

Active Learning Opportunities

Working Together

Connecting with Teachers.

Energy in Today's Classroom.

University of Missouri

Missouri's Electric Cooperatives

August 2-3, 2022

About The Program

Energy in Today's Classroom (ASM 7370) is a two-day graduate level course offered through the University of Missouri—Columbia. Designed to fully support Missouri's statewide educational standards, the course provides teachers with a background in energy and energy production.

The course is taught at the University of Missouri—Columbia campus in early August each year.

Course Topics

Energy in Today's Classroom offers participating teachers knowledge and information in the following areas:

- Energy basics
- Energy sources
- Power generation and transmission
- Economics and energy production
- Energy efficiency and circuitry project
- Electric vehicle demonstration
- Tour of the University of Missouri's multi-fuel power generation station

Course Credit

Teachers attending the course will participate in 15 hours of classroom training over a period of two consecutive days. Teachers who successfully complete the course will receive one (1) hour of graduate course credit from the University of Missouri—Columbia. This graduate credit is equivalent to 15 hours of professional development.

Educators in the middle school and high school grades who have a background in science, math, agricultural science and building trades are ideal candidates for this course.

Interested teachers should contact their local electric cooperative in order to be considered for the course.

Additional learning opportunity

An optional hour of graduate course credit may be obtained by the teacher at a later date at their own expense. Information about the additional credit hour will be provided at the conclusion of class.

2022 Course Details

The 2022 Energy in Today's Classroom course will be held on Tuesday and Wednesday, August 2 - 3, 2022 at the University of Missouri — Columbia. The course begins at 8:30 a.m. on Tuesday and will conclude at 4:00 p.m. on Wednesday. Hotel and travel arrangements will be coordinated by your local electric cooperative.

Classroom materials

In addition to the materials and information covered during the course, participating teachers will also take home a classroom kit for their use at no cost. Tools and reference guides are included in the kit along with several hands-on demonstration tools to enhance classroom learning opportunities.

"Very rarely do I attend a workshop where I walk away with so much knowledge and resources."

- Jason Twenter, 2015