

## Applying Hands-On Science Teaching Electricity and Magnetism



**June 24, 9:00 am – 4:00 pm**

**Plus**

**July 21, 7:30 am – 3:00 pm**

**July 22 – 24, 8:00am – 3:00pm**

**It is *shocking!* Some people still aren't comfortable investigating electricity.**

**Have you struggled with how to help students think like a scientist? How can you encourage curiosity and inquisitiveness without sacrificing the content? Practice using hands-on activities in electricity and magnetism with students while stimulating scientific thinking.**

**June 24:** Explore the concepts of electricity, magnetism, and scientific inquiry. You will work with the content and teaching strategies, which will be used later in the College for Kids “MotoTech” class. Coursework will be handled in face-to-face sessions with some of the assigned work being done online.

**July 21 - 24:** Work with other teachers in the College for Kids “MotoTech” classroom to practice using the instructional strategies you’ve learned. You will work in a collaborative environment with the opportunity to evaluate and modify techniques as you test them.

**Credit:** Applying Hands-on Science Teaching (2 credits)  
Undergraduate **ED 490 or EECE 490** or Graduate **ED 590 or EECE 590**

**Cost:** Through an agreement with the Minnesota Science Teachers Association, we are able to offer this workshop at a reduced price.

Undergraduate credit = \$120 per credit

Graduate credit = \$150 per credit

**Instructor:** Dr. Matt Craig, MSUM 218-477-2439 or e-mail: [mcraig@mnstate.edu](mailto:mcraig@mnstate.edu)

**Registration:** Complete the Continuing Studies [credit registration form](#) and send it to Continuing Studies, Box 82, Moorhead, MN 56563. Fax: 218-477-5030 Phone: 218-477-5862 or e-mail [contstdy@mnstate.edu](mailto:contstdy@mnstate.edu) with questions.