



Designing a Sustainable Future

Summer Institute for Grade 4-12 Teachers

July 24 - 28, 2017



APPLICATION DEADLINE:

June 15, 2017

Cost: \$300 off campus

\$650 on campus

- ♦ **Off campus includes**
30 SCECHs (pending), 5 lunches,
field trips, classroom supplies
- ♦ **On campus also includes**
5 nights lodging in MTU's
Hillside Place and *all* meals
- ♦ **Payment due:** June 15, 2017

Apply online:

[Registration Form](#)

or www.wupcenter.mtu.edu

For More Information:

Joan Chadde, Course Coordinator

Tel: 906.487.3341

Email: jchadde@mtu.edu

Instructors include
Michigan Tech faculty,
community and teacher experts.

Do You Want to:

- * Investigate product life cycle, building design, renewable energy sources, low impact site design, water reuse, smart transportation and food systems from cutting edge research scientists and engineers?
- * Engage in hands-on engineering lessons?
- * Gather resources for teaching about sustainability while addressing the new Michigan Science Standards?
- * Share STEM sustainability career options with your students?



Supported by the Sustainable Futures Institute, Michigan Tech Transportation Institute, Great Lakes Research Center, and the Western UP Center for Science, Math and Environmental Education. Coordinated by the Michigan Tech Center for Science & Environmental Outreach.



Sustainable Futures
Institute

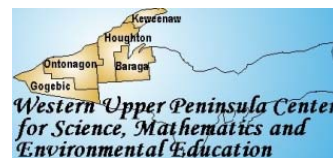


Michigan
Technological
University

Michigan Tech Transportation Institute

Center for
Science &
Environmental
Outreach

Michigan Tech University



Earn 30 SCECHs & Course Preparation

Participants will earn **30 SCECHs** (pending) from Michigan Technological University for the 5-day course.

Participants are asked to:

- ◇ Complete pre-course readings and reflections.
- ◇ Participate fully in all parts of the Institute.
- ◇ **Teachers who develop an approved lesson plan after the institute** can earn \$100. **Due Sept. 5, 2017.**



The class meets in the Great Lakes Research Center, a state-of-the-art facility with many sustainability features.

Accommodations

Participants staying on campus will receive 5 nights lodging in single rooms with private baths in Michigan Tech's new Hillside Place and all meals from Monday breakfast through Friday lunch. Easy walking distance to downtown Houghton and Michigan Tech hiking and biking trails. Visit: <http://www.mtu.edu/> Nearby camping and Super 8 Hotel options are available.

Getting to Michigan Tech

Michigan Technological University is in Houghton, MI (pop. 7,000). United Airlines is the sole airline serving Houghton (800-241-6522 or www.united.com) with two flights daily from Chicago. Taxi service is available by calling Copper Country Limo & Taxi at 906-370-4761.

How to Apply

Complete teacher institute application online:

[Registration Form](http://wupcenter.mtu.edu/)

OR <http://wupcenter.mtu.edu/>

Application deadline June 15, 2017.

After registering for the course, participants will receive information via email on what to bring and pre-course readings.



Cost

\$300 off campus includes 5 lunches, field trips, and classroom supplies, or **\$650 on campus** which includes five nights lodging and meals.

Teachers can choose to enroll in the course (ED5640) for 2 graduate credits. (There is an additional cost of \$561 Official Applied Science Education Graduate Resident and Non-Resident \$561 per credit). Additional coursework required.

Payment due June 15, 2017. Pay by credit card by calling MTU Cashier at 906.487.2247. *Payments are non-refundable.*



Financial Aid May Be Available

Teachers may apply for Michigan Space Grant Consortium K-12 Educator Incentive Program funds for up to \$400 to attend workshops on math and science. <http://mi.spacegrant.org>

Why Come to Michigan Tech?

It's summer, right!? What better place to earn credit/SCECHs? After class, you can choose from hiking, biking, kayaking, Lake Superior beaches, beautiful sunsets at Mclains St. Park (10 miles away) or visit the more than 25 nature sanctuaries and preserves in the Keweenaw Peninsula.