Designing a Sustainable Future
Summer Institute for Grade 4-12 Teachers
July 24 - 28, 2017

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?

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
◊ Register by June 29, 2017

Apply online:
Registration Form
or www.wupcenter.mtu.edu

For More Information:
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Instructors include
Michigan Tech faculty,
community and teacher experts.

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.
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 only 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.

Cost & MTU Graduate Credit Option

$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 at a subsidized cost of $401.77 (The Official Applied Science Education Graduate Credit for Resident and Non-Resident is $606 per credit). Additional coursework is required to earn the graduate credit.

Payment due June 15, 2017. Pay by credit card by calling MTU Cashier at 906.487.2247.

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 McIains St. Park (10 miles away) or visit the more than 25 nature sanctuaries and preserves in the Keweenaw Peninsula.

How to Apply

Complete teacher institute application online:

Registration Form

OR http://wupcenter.mtu.edu/

Application deadline June 29, 2017.

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