

# Designing a Sustainable Future

Summer Institute at Michigan Tech

Grade 4 - 12 Teachers

July 20-24, 2015



Teacher participants will:

- Investigate product manufacturing, building design, site design, transportation systems, water use, renewable energy sources and food systems;
- Engage in lessons and gather resources to facilitate teaching your students about sustainability while meeting the Next Generation Science Standards;
- Be able to share STEM sustainability careers with students.

Instructors will include a variety of MTU faculty, community and teacher experts.

Register by Tuesday, June 2<sup>nd</sup>

Cost: \$150 off campus

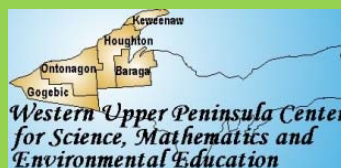
\$400 on campus

2 graduate credits

\*Travel stipends for Detroit teachers



**MichiganTech**



## Course Credit & Requirements

Participants will earn 2 graduate credits (ED5640) from Michigan Technological University. Course requirements:

- ◇ Complete pre-course readings. and reflections.
- ◇ Participate fully in all parts of the Institute.
- ◇ **Develop two lesson plans after the institute** related to sustainable futures (using the rubric provided) and that meet applicable content expectations. Participants should plan to implement the unit during the 2015-16 school year. **Due September 2, 2015.**

The credits earned from this institute can be applied to an 18 semester-hour planned course of study for teachers working towards their Professional Certificate or a **Master of Science in Applied Science Education** at Michigan Tech.



## Getting to Michigan Tech

Michigan Technological University is located in Houghton, MI (pop. 7,000). United Airlines is the sole airline serving Houghton (800-241-6522 or [www.united.com](http://www.united.com)) with 2 flights daily from Chicago. Taxi service is available by calling Copper Country Limo & Taxi at 906-482-4761.

### How to Register

Complete teacher institute application online: [2015 Designing a Sustainable Future Teacher Institute Registration](http://www.mtu.edu/gradschool/admissions/apply/) or <http://wupcenter.mtu.edu/>

**Application deadline June 2, 2015.** For more information: 906-487-3341 or [jchadde@mtu.edu](mailto:jchadde@mtu.edu)

### Register for MTU credits at:

<http://www.mtu.edu/gradschool/admissions/apply/> and upload your current teaching certificate.

### For questions regarding credit, contact:

Lori J. Witting, Coordinator  
Cognitive & Learning Sciences  
Michigan Technological University  
Work: 906-487-2263 Cell: 906-370-9748  
Email: [lori@mtu.edu](mailto:lori@mtu.edu)



## Cost

**\$150 off campus** includes 2 graduate credits, 5 lunches, field trips, and classroom supplies, or **\$400 on campus** which also includes five nights lodging and meals. Cost has been reduced through the generous support of the Michigan Space Grant Consortium (2014/15 Official Applied Science Education Graduate Resident and Non-Resident is \$534.50 per credit). **Payment due June 2nd. Pay by credit card by calling MTU Cashier at 906-487-2247.**

## Financial Aid

The Michigan Space Grant Consortium K-12 Educator Incentive Program will provide up to \$400 for teachers to attend workshops: <http://mi.spacegrant.org>



## Accommodations

Participants staying on campus will receive five 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/>