Program Information
Engineering Scholars Program (ESP) is a weeklong investigation of engineering careers in areas such as mechanical, computer, environmental, electrical, chemical, biomedical, civil, geological, materials, and related disciplines. Students who are selected for this competitive scholarship program will:

- explore engineering by constructing a building strong enough to withstand an earthquake, learning about the properties of materials, exploring mechanical engineering, and much more.
- get the inside scoop from role models working in engineering fields.
- work in teams to solve an engineering problem and complete engineering projects.
- learn about the college application process and tips for success in engineering programs.
- experience college life—stay in a residence hall, explore campus, and meet others with similar backgrounds and interests.
- enjoy team competitions, a variety show, and tons of outdoor activities in Michigan’s beautiful Keweenaw Peninsula.

Upon request, arrangements can also be made for students to talk with faculty from disciplines or areas in which they have special interests. All students will also have a chance to meet Admissions and Financial Aid staff.

Additional information about ESP can be found on the Summer Youth Programs website (syp.mtu.edu). We are in the process of updating our website for 2018, so be sure to check back soon!

Scholarship Information
The Dow Corning Foundation/Hemlock Semiconductor will once again be offering scholarships aimed at Midland, Saginaw, and Bay City students who have expressed an interest in STEM education (science, technology, engineering, and math) or have demonstrated scholastic success in those subjects. The scholarship will cover the tuition, boarding, and transportation to attend ESP.

Application and Selection Process
Interested students should consider the following:

- This award is for students who attend a school located in Midland, Bay, or Saginaw county.
- Eleventh grade students will be given priority; high-performing ninth and tenth graders will also be considered.
- All students should have an interest in STEM education or careers, and have demonstrated scholastic success in these subjects.
- Michigan Technological University will review applications and select scholarship recipients based on merit.
The application deadline is **5 p.m. Tuesday, April 10, 2018**. Send in your completed application, including a teacher recommendation and signatures; the required short response questions; and a copy of your school transcript (unofficial copies are accepted). Applications can be sent by mail, email, or fax to the contact information below:

Michigan Tech - ESP  
217 Administration Bldg.  
1400 Townsend Dr.  
Houghton, MI 49931

**Email**: esp@mtu.edu  
**Fax**: 906-487-1136

**Note**: Help us avoid any confusion! For the DCF/HSC scholarships, **do not apply online** – use the enclosed application. Please send all applications to the contact information provided.

Scholarship selections and notifications will be made in late April, and a scholarship reception for recipients will be held in May.

**Cost**
All selected participants will receive a **scholarship valued at over $1,000**, which covers all tuition, classroom supplies, room, board, and transportation. **There will be a refundable $50 ‘earnest money’ deposit required of all selected participants.** Do not send in payment at the time of application! More information will be sent to selected students.

**Transportation**
A **charter bus** from the Tri-City area will be available for students to travel to and from Michigan Tech.

**Bus departs for Michigan Tech**: Saturday, July 21 (late evening)  
**Bus returns to Tri-City area**: Saturday, July 28 (early morning)

Further details will be sent to selected participants.

**Application Checklist**

- Complete application
- Signature of applicant
- Signature(s) of parent/guardian
- Short response questions
- High school transcript  
  **unofficial copies are acceptable**
- Teacher recommendation

If you have any questions, please contact the Center for Pre-College Outreach (906-487-2219 or esp@mtu.edu)
ALL APPLICANTS MUST COMPLETE AND RETURN THIS FORM.

Application deadline is **Tuesday, April 10!**

**Legal name:**

<table>
<thead>
<tr>
<th>First name</th>
<th>Middle name</th>
<th>Last name</th>
<th>Suffix</th>
</tr>
</thead>
</table>

**Preferred name/nickname:** ________________________________________________

*(This is how your name will appear on your participant ID.)*

Have you applied to or attended any of these programs in the past?

- National Summer Transportation Institute (NSTI)
  - □ Applied
  - □ Attended

- Engineering Scholars Program (ESP)
  - □ Applied
  - □ Attended

- Women in Computer Science (WICS)
  - □ Applied
  - □ Attended

- Summer Youth Programs (SYP)
  - □ Applied
  - □ Attended

- Women in Engineering (WIE)
  - □ Applied
  - □ Attended

- Women in Automotive Engineering (WIAE)
  - □ Applied
  - □ Attended

- Junior Women in Engineering (JWIE)
  - □ Applied
  - □ Attended

What exploration? ____________________________
Contact information (required)
Participant’s email
____________________________________________
Street
____________________________________________
City
____________________________________________
State/province
____________________________________________
ZIP or postal code
____________________________________________
County
____________________________________________
Telephone
____________________________________________

Personal information (required)
Gender__________
Birth date __________ Age______

School information (required)
What is the name of the school you attended this year?
____________________________________________
What grade will you have completed by June 2018?
____________________________________________

Each Parent/Guardian must fill out the following:

Parent/guardian information (required)
Relationship to applicant________________________
First        Middle        Last        Suffix
Evening phone ________________________________
Day phone____________________________
Cell Phone____________________________
Email____________________________

Parent/guardian information (required)
Relationship to applicant________________________
First        Middle        Last        Suffix
Evening phone ________________________________
Day phone____________________________
Cell Phone____________________________
Email____________________________
**Short Responses**

Please type your short responses to the following questions on a separate piece of paper.

Be sure to put your full name at the top of the page.

1. List the courses you are currently taking and courses you plan to take next year in high school or college.
2. Describe your goals for the next five years and the next ten years.
3. List any extracurricular activities, hobbies, or community organizations with which you are involved.
4. Write a brief statement (150 words or more) discussing why you would like to attend this program and what you would like to gain from this experience.

**Teacher Recommendation**

Please type response to the following on a separate piece of paper.

Be sure to put the student’s full name at the top of the page.

Engineering Scholars is a highly competitive scholarship program that offers participants the chance to explore many fields of engineering. Students should be recommended to attend if you believe they have the aptitude to engage in technological studies and would benefit from this experience. Describe this student’s interests, academic performance, and the benefit they stand to gain from participating in Engineering Scholars Program.

**Note:** Teacher recommendation must include signature, date, and title.

**School transcript**

Enclose your most recent, unofficial, updated transcript of all your high school course work through the first semester of this year.

In addition, indicate the following in the space provided.

Current class rank ____________ out of _______________  Cumulative GPA _______________

(Note: if your school uses a grading system other than the 4.0 scale, an explanation of the method must accompany the official transcripts.)

How did you hear about our program?

- [ ] Counselor or teacher
- [ ] Catalog
- [ ] Previous participant
- [ ] Internet search
- [ ] Summer Youth Programs website
- [x] Michigan Tech alumni or faculty/staff
- [ ] Poster
- [ ] At a Mind Trekkers event
- [ ] Friend
- [ ] Other ____________________
Contact Michigan Technological University with any questions about the program.

Michigan Tech - ESP
1400 Townsend Drive
Houghton, MI 49931-1295

Toll-free (888) 773-2655
Fax (906) 487-1136
Email: esp@mtu.edu
Website: www.syp.mtu.edu

Michigan Tech University Consent (must sign both consent forms)

*All students are required to check-in between 10:00 am and 2:00 pm on Sunday, July 22.*

Parent/guardian consent

I approve of _________________________________ applying for Engineering Scholars.

Applicant name

Signature ________________________________________________________________

Date ________________________________

Student signature

I attest that the information provided in this application is correct.

Signature ________________________________________________________________

Date ________________________________
Dow Corning Foundation Scholarship Consent (must sign both consent forms)

I knowingly and voluntarily waive any and all claims, actions, or causes of action against Hemlock Semiconductor, Dow Corning Corporation, Parent Companies or any of their affiliates or subsidiaries, now existing or hereinafter acquired, its and their successors and assigns, their employees (including any employees acting in an administrative capacity related to the Engineering Scholars Program), representatives, and hold Hemlock Semiconductor and Dow Corning Corporation harmless for any injury or damage that I may suffer as a result of my participation in the program, including travel to and from Michigan Technological University and any activities participated therein during the Program, whether directly related to the curriculum or not.

**Parent/guardian signature**

Signature __________________________________________________________

Date ________________________________

**Student signature**

Signature __________________________________________________________

Date ________________________________