

Mailer 2 - Individual Registration & Symposium Information
2025 ASCE Eastern Great Lakes Student Symposium
Hosted by Michigan Technological University
April 10 – April 12, 2025



January 15, 2025

Dear ASCE Student Chapter of the ASCE Eastern Great Lakes Student Conference:

This is your **2025 ASCE Eastern Great Lakes Student Symposium** Mailer 2, the second of three informational packets to be sent to each of the participating ASCE Student Chapters in our Student Conference.

Please carefully read this information and forward copies to the appropriate members in your ASCE Student Chapter and team members for each team competing at the student symposium. Do not delete this mailer as information given within may not be repeated in subsequent mailers. Enclosed you will find the following information:

- Individual Registration & Mailer 2 Confirmation,
- Upcoming deadlines,
- Business Meeting,
- ASCE Pop-Up Leadership Workshops,
- Tentative Symposium Schedule,
- Tentative Presentation Schedule,
- Society Competition Information,
- Local Competition Information,
- Student Symposium Paper Competition,
- ASCE Eligibility Requirements,
- Hotel Information.

Receipt of this mailer should be confirmed by completing the [Mailer 2 Acknowledgment Form](#) by January 31, 2025.

Please note the individual registration deadline is February 12, 2025.

If you have any questions, feel free to contact us at our general student symposium e-mail address, listed below. All symposium information such as events, mailers, policies, rules, etc. will be posted on our website and are also listed below.

We look forward to your participation in the 2025 ASCE Eastern Great Lakes Student Symposium and providing an opportunity to engage with other student chapters and ASCE Region Leadership.

Sincerely,

Brendan Tanner
President, ASCE Student Chapter
Michigan Technological University

Ryan Andrick
Chair, 2025 Eastern Great Lakes ASCE Student
Symposium

ASCE Student Symposium website	https://studentsymposium.asce.org/eastern-great-lakes/
General symposium email address	asce@mtu.edu

Individual Registration Form & Payment

STEP 1 - Mailer 2 Receipt Confirmation - *required*

Follow the link below to complete the Mailer 2 Receipt Confirmation due no later than January 31, 2025.

Mailer 2 Receipt Confirmation Link – <https://forms.office.com/r/dWq2YUGdRN>

STEP 2 - Individual Registration Form - *required*

[Individual Registration Form](#) is due before February 12, 2025.

Please visit our symposium website at [Individual Registration - Eastern Great Lakes](#) to register for the 2025 ASCE Eastern Great Lakes Student Symposium.

The [Individual Registration Form](#) must be filled out by *ALL individuals* attending the symposium including chapter members, team competitors, chapter spectators, guest teams, faculty advisors, volunteers, judges, and ASCE Region Leadership. [The Individual Registration Form contains liability waiver information required by ASCE that must be reviewed and acknowledged by every individual attending, participating, and/or spectating at the symposium.](#)

STEP 3 - Individual Registration Payment - *required*

Individual Registration is \$105 per person. Registration form and payment are due by February 12, 2025. Late payments will be accepted until March 12, 2025, with an additional \$40 late fee applied.

[Individual Registration Payment](#)

If your chapter will NOT be participating in the 2025 ASCE Eastern Great Lakes Student Symposium, please email asce@mtu.edu

Important Upcoming Deadlines

We highly recommend that you share this information with your chapter, including any competition captains.

2025 DEADLINES

<p>ASCE is still accepting Statement of Intent Forms for Society Competitions!</p>	<p>Statement of Intent & Acknowledgement of Eligibility Requirements Form due from each team intending to compete in a Society-wide or Society Pilot Competition – Concrete Canoe, Student Steel Bridge, Sustainable Solutions, Surveying, Construction Institute, Timber-Strong, and 3D Printing. <i>One form is required for each competition and must be filled out by the team captain and faculty advisor. <u>The online form* must be completed by the team captain and faculty advisor(s). Each entity will submit a separate form.</u></i></p> <p><i>* Concrete Canoe forms can be found in the 2025 ASCE Concrete Canoe Request for Proposal Rules. <u>Concrete Canoe forms submitted after November 1, 2024, at 5:00 pm Eastern will be considered late submissions and subject to deduction.</u></i></p> <p style="text-align: center;"><u>There is still time to complete a Statement of Intent Form to compete in an ASCE Society Competition!</u></p> <p>Statement of Intent to compete for Steel Bridge, Surveying, Sustainable Solutions <i>(must be completed by the team captain & the faculty advisor separately)</i></p> <p>Statement of Intent to compete for Construction Institute, Timber-Strong & 3D Printing <i>(must be completed by the team captain & the faculty advisor separately)</i></p>
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January 6, by 5:00 pm Eastern	Surveying Competition Topographic Mapping Project released to teams by 5:00 pm EST in the ASCE UESI Surveying Competition Collaborate Site .	Surveying
January 15	Mailer 2 sent to each student chapter.	All teams
January 31	Timber-Strong Design Build Phase One Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
January 31	Mailer 2 Receipt Confirmation due from each student chapter.	All teams
February 1	ASCE Student Chapter Annual Reports are due by 11:59 pm EST to ASCE. <i>(More information on Annual Reports can be found here. If you have questions on your Annual Report, email student@asce.org). Submitting the ASCE Student Chapter Annual Report is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the eligibility requirements for details.</i>	All teams
February 1	ASCE Student Chapter annual dues must be paid, as received by ASCE, no later than 11:59 p.m. EST. <i>Paying ASCE Student Chapter annual dues is an eligibility requirement to compete at the Student Symposia Competitions and to advance to Society-wide Competition Finals. See the eligibility requirements for details.</i>	All teams

February 3	ASCE Construction Institute Student Symposium Competition Team Form is due. <i>Links to the form will be sent from ASCE to team captains and faculty advisors per information provided on intent forms.</i>	Construction Institute
February 12	Attendee Registration is due.	All teams
February 13	Concrete Canoe Project Proposal, Mix Design Sheets, & Materials Notebook due. <i>(Upload to respective folder link provided by ASCE)</i>	Concrete Canoe
February 24	Surveying Competition Topographic Mapping Project Plans due by 5:00 pm EST <i>(Unique and secure link to be provided to each team from ASCE)</i>	Surveying
February 28	Timber-Strong Design Build Phase Two Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
March 1	Student Symposium Paper Competition submission due to asce@mtu.edu	All teams
March 12	Mailer 3 (final) sent to each student chapter.	
March 7	Timber-Strong Design Build Phase Three Project deliverables are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
March 7	Timber-Strong Design Build - All Change Orders and final submittals are uploaded to ASCE's Cerberus ftp server. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Timber Strong
At least 3 weeks prior	Sustainable Solutions Competition Technical Design Proposal, Envision Checklist and Criteria Justification, Public Outreach Poster, and Sketchup files are due. <i>(Unique and secure link to be provided to each team from ASCE)</i>	Sustainable Solutions
March 19	Mailer III Receipt Confirmation due from each student chapter.	All teams
March 12	Final Date for Late Attendee Registrations	All teams
April 10 - 12	2025 ASCE Eastern Great Lakes Student Symposium	All teams

Business Meeting ([Eligibility Requirement](#))

The Business Meeting is tentatively scheduled to take place on Saturday, April 12, 2025, at 4:30 pm. Watch for the draft business meeting agenda that will be distributed via email to student chapters for review before the symposium.

The business meeting is the annual meeting for the Student Conference Board of Delegates. The Board of Delegates consists of two student delegates (*preferably a senior or junior in an ASCE leadership position and a sophomore in or aspiring to an ASCE leadership position*) and the faculty advisor from each student chapter.

The draft agenda will include unresolved discussion topics from the 2024 Business Meeting, the future host rotation, new business, the discussion and finalization of the Conference Policy and Procedures document, and other topics specific to the ASCE Eastern Great Lakes Student Conference Region.

Each student delegate must be a member in good standing with their student chapter and ASCE. Each student chapter in the Student Conference has one vote. **At least one member of your ASCE student chapter must participate in the Business Meeting as part of the eligibility requirements to advance to finals for Concrete Canoe, Steel Bridge, Sustainable Solutions, and Surveying.**

[Click here for ASCE Eligibility Requirements](#)

ASCE Pop-Up Leadership Workshops

A graphic with a dark blue background and an orange banner at the bottom. The text "ASCE Pop-Up Leadership Shop" is written in white and orange. The word "Pop-Up" is in orange, with a small orange triangle above the "U". The word "Shop" is in white. There are several orange triangles of varying sizes scattered around the text. The banner at the bottom contains the text "Coming to Your Regional Symposium" and "SPRING 2025" in white.

ASCE Pop-Up Leadership Shop

Coming to Your Regional Symposium **SPRING 2025**

Don't miss the opportunity to learn about professional skills you can use now and after graduation to help you get ahead. Pop-Up Leadership Workshops, presented by the Committee on Student Members and other Region leaders, will be held throughout the Symposia.

2025 ASCE Pop-Up Leadership Topics

- *The FE Exam and the Path to the PE*
- *What Would You Do? Ethics & Professional Conduct*
- *What is Your Personality Type? Understanding Each Other*

Tentative Student Symposium Schedule

Drug and Alcohol-Free Events

The use of drugs and alcohol is prohibited at all ASCE Student Symposium events.

Maps will be provided in Mailer 3 of where the locations will be and parking accommodation locations. There locations are also subject to change and will be confirmed in Mailer 3

Thursday 4/10/2025

Time	Event	Location
11AM to 4PM	Concrete Canoe Presentations	MUB Ballroom A
12PM to 4PM	Symposium Paper Presentations	MUB Ballroom B
12PM to 3PM	Surveying Presentations/Display	Alumni Lounge (Both)
12PM to 4PM	Construction Institution	Superior Room
4PM to 5PM	Concrete Canoe Captain's Meeting	MUB Ballroom A
5:30PM to 8PM	Welcome Dinner	MUB Ballroom

Friday 4/11/2025

Time	Event	Location
12PM to 3PM	Sustainable Solutions Presentations	MUB Alumni Lounge
7:30AM to 8AM	Surveying Competition Captain's Meeting	DOW Lobby
8AM to 1PM	Surveying Field Task Competition	Outdoors but probably on campus
6am to 8am	Concrete Canoe Stands and Display Setup	Gates Tennis Center
8am to 10am	Stands and Display Judging	Gates Tennis Center
10am to 11am	Travel to Chutes and Ladders	
11am to 12pm	Concrete Canoe: Swamp Testing	Chutes and Ladders
12pm to 5pm	Concrete Canoe Races*	Chutes and Ladders
1PM to 4PM	Timber Strong Competition	Gates Tennis Center
4PM to 5PM	ASCE Pop-Up Workshop	Gates Tennis Center

Saturday 4/12/2025

Time	Event	Location
8AM to 6PM	Steel Bridge Competition	Gates Tennis Center
1PM to 3PM	Concrete Novelty	TBD
3PM to 4PM	ASCE Pop-Up Workshop	Gates Tennis Center
4:30PM to 5:45PM	Business Meeting	TBD
7PM to 9:30PM	Awards Banquet	TBD

Tentative Presentation Schedules

All times are estimates, please be prepared to present earlier or later depending on how everything goes.

Student Symposium Paper Presentations Date: April 10, 2025	
School	Timeslot
Ohio State University	12:00 pm
Case Western Reserve University	12:15 pm
Michigan State University	12:30 pm
Cedarville University	12:45 pm
Lawrence Technological University	1:00 pm
University of Detroit Mercy	1:15 pm
University of Toledo	1:30 pm
Youngstown State University	1:45 pm
Michigan Technological University	2:00 pm
University of Michigan	2:15 pm
Ohio University	2:30 pm
Western Michigan University	2:45 pm
Wayne State University	3:00 pm
University of Cincinnati	3:15 pm
University of Akron	3:30 pm
Ohio Northern University	3:45 pm

Sustainable Solutions Presentations Date: April 11, 2025	
School	Timeslot
Ohio Northern University	12:00 pm
Youngstown State University	12:20 pm

Concrete Canoe Presentations	
Date: April 10, 2025	
School	Timeslot
University of Cincinnati	11:00 am
Lawrence Technology University	11:15 am
Michigan State University	11:30 am
Ohio State University	11:45 am
University of Michigan	1:00 pm
University of Akron	1:15 pm
University of Detroit Mercy	1:30 pm
Michigan Technology University	1:45 pm
Youngstown State University	2:00 pm
Ohio University	2:15 pm
University of Toledo	2:30 pm
Wayne State University	2:45 pm
Ohio Northern University	3:00 pm
Western Michigan University	3:15 pm

Surveying Presentations	
Date: April 10, 2025	
School	Timeslot
Ohio Northern University	12:00 pm
Youngstown State University	12:15 pm
Michigan Technology University	12:30 pm
University of Akron	12:45 pm
University of Toledo	1:00 pm
Ohio University	1:15 pm

Society Competition Information

SOCIETY COMPETITIONS AT THE 2025 ASCE EASTERN GREAT LAKES STUDENT SYMPOSIUM

Society-wide Competitions

ASCE Sustainable Solutions Competition



ASCE UESI Surveying Competition



AISC/ASCE Student Steel Bridge Competition



ASCE Concrete Canoe Competition



Society Pilot Competitions

ASCE Construction Institute Competition



ASCE Timber-Strong Design-Build Competition



Society competition rules can be found at:

<https://www.asce.org/communities/student-members/conferences/rules>

Local Competition Information

LOCAL COMPETITIONS AT THE 2025 ASCE EASTERN GREAT LAKES STUDENT SYMPOSIUM

Student Symposium Paper Competition <i>Participation is a requirement for advancement to Society-wide competition finals and SSBC National Finals</i>	Student Wastewater Treatment Competition Competition rules can be found on our website at https://studentsymposium.asce.org/eastern-great-lakes/competitions/	Concrete Novelty Competition Competition rules can be found on our website at https://studentsymposium.asce.org/eastern-great-lakes/competitions/
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All Competition rules can also be found on our website at <https://studentsymposium.asce.org/eastern-great-lakes/competitions/>

Student Symposium Paper Competition

The ASCE Student Symposium Paper Competition emphasizes the importance of being able to write and present a paper as essential communication skills for all engineers and often necessary for advancement in your career. The competition consists of a paper submission and a presentation at the student symposium.

The topic for the 2025 ASCE Eastern Great Lakes Student Symposium Paper Competition is:

Submission deadline is: March 1st, 2025

Submission email/link is: asce@mtu.edu

Consider the Francis Scott Key Bridge Collapse in Maryland, the Interstate 95 Collapse in Pennsylvania, or other infrastructure disasters. Civil engineers are responsible for planning, designing, constructing, maintaining, and operating infrastructure while protecting and advancing the health, safety, and welfare of the public. Following large infrastructure disasters, civil engineers are often placed in the public spotlight to respond and assess the cause of the disaster and how to prevent future similar events.

Considering ethics, what role do civil engineers play in the prevention and response to an infrastructure disaster? Should an infrastructure disaster rouse civil engineers globally to advocate for more resilient protections for built infrastructure from climate-driven and/or man-made disasters?

This topic is the same topic as the [Daniel W. Mead Prize for Students](#). However, the Student Symposium Paper Competition and the Daniel W. Mead Prize for Students are two separate competitions and **must be submitted separately**. The Student Symposium Paper Competition paper is due March 1st and submitted to asce@mtu.edu. The [Daniel W. Mead Prize for Students](#) is due March 1st and submitted to student@asce.org.

*****SOCIETY-WIDE FINALS ELIGIBILITY REQUIREMENT*****

Both the paper submission and the presentation are mandatory for any ASCE Student Chapter participating in the 2025 ASCE Eastern Great Lakes Student Symposium that wishes to be eligible to advance to ASCE Society-wide competition finals and SSBC National Finals. Competitions **requiring** participation include:

- ASCE Concrete Canoe Competition
- ASCE Sustainable Solutions Competition
- ASCE UESI Surveying Competition, and
- AISC/ASCE Student Steel Bridge Competition.

Note: Any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

ASCE Society Competition Eligibility Requirements

Competitions that advance to an ASCE Society-wide Competition Finals include the ASCE Concrete Canoe Competition, ASCE Sustainable Solutions Competition, and ASCE UESI Surveying Competition. The AISC/ASCE Student Steel Bridge Competition advances to the SSBC National Finals and follows the eligibility requirements below. See [SSBC Rules](#) for more information.

The purpose of student competitions is to provide student members career-enrichment opportunities to gain hands-on, practical experience and leadership skills. Society Competitions are an important and special opportunity to showcase the engineering and professional skills of student teams. As such, mutual respect is required for all stakeholders, including competitors, judges, hosts, and guests. Invitations to the Student Symposia and the ASCE Student Civil Engineering Championships/Society-wide Competition Finals are a privilege, not a right. Failure to act professionally can result in sanctions, disqualifications, and loss of invitations. Please note that the requirements for eligibility for Society-wide competition finals are more stringent than the requirements for participation at the student symposia competitions.

ELIGIBILITY FOR STUDENT SYMPOSIUM COMPETITION

The following qualifications are required of all ASCE Student Chapters to compete at the Student Symposia Competitions:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, **no later than the start of their Student Symposium.**
 - b. Have submitted their student chapter's full Annual Report or EZ Annual Reporting Form **no later than February 1, 11:59 p.m. EST.**

ELIGIBILITY FOR ASCE SOCIETY-WIDE COMPETITION FINALS

The following qualifications are required of all ASCE Student Chapters in order to advance to the ASCE Society-wide Competition Finals:

An ASCE Student Chapter must:

1. Be in good standing with ASCE:
 - a. Have paid their annual dues, as received by ASCE, no later than February 1, 11:59 p.m. EST.
 - b. Have submitted their student chapter's **full Annual Report, no later than February 1, 11:59 p.m. EST, and have received a minimum score of 25 points out of a possible 100. Student Chapters that submit an EZ annual reporting form do not qualify** to advance to competition finals; and
2. Attend and participate in their assigned Student Symposium as shown through their school's:
 - a. On-time attendance and active participation by a member of the ASCE Student Chapter at the Student Symposium Business Meeting.
 - b. Participation in the Student Symposium Paper Competition, including submission and presentation by a member of the ASCE Student Chapter. Note that any papers/presentations created for any other competition do not count as an entry into the Student Symposium Paper Competition.

Questions regarding eligibility should be directed to student@asce.org.

Hotel Information

Please visit <https://www.visitkeweenaw.com/lodging/hotels-motels/> to find accommodations for your chapter.

The planning committee **highly recommends making reservations ASAP** due to limited lodging space. Any lodging issues will force lodging outside a 30-minute campus area, exposing your team to dangerous winter driving conditions that time of year. Schools/teams/individuals are responsible for reserving and paying for their own room accommodations. This is not covered in the registration fee.

Suggested hotels near Michigan Technological University would be:

Holiday Inn Express

1110 Century Way
Houghton, MI 49931
Phone: (906) 482-1066
Website: [Holiday Inn Express](#)

Hampton Inn & Suites

820 Shelden Ave
Houghton, MI 49931
Phone: (906) 487-1700
Website: [Hampton Inn & Suites](#)

Country Inn & Suites

919 Razorback Dr
Houghton, MI 49931
Phone: (906) 487-6700
Website: [Country Inn & Suites](#)

Quality Inn

215 Shelden Ave
Houghton, MI 49931
Phone: (906) 275-4995
Website: [Quality Inn](#)

Independence Stay Hotel

913 Razorback Dr
Houghton, MI 49931
Phone: (906) 696-6000
Website: [Independence Stay Hotel](#)

Ramada

99 Navy Street
Hancock, MI 49930
Phone: (906) 482-8400
Website: [Ramada](#)

Super 8

1200 E Lakeshore Dr
Houghton, MI 49931
Phone: (906) 482-2240
Website: [Super 8](#)

AmericInn

56925 6th Street
Calumet, MI 49931
Phone: (906) 934-6115
Website: [AmericInn](#)

Maps, Weather Reminder, and Travel Resources

Please exercise caution and read the following before driving to the ASCE Eastern Great Lakes Regional Student Symposium in Houghton, MI:

- Northern Michigan weather in early April is very unpredictable and forecasts are only accurate about 24-48 hours in advance:
 - Heavy snow and dangerous winds are not uncommon at this time of year.
 - Give yourself the option to leave for the symposium a day early. If a winter storm is predicted, exercise that option and beat the storm.
 - Visibility drops to zero during storms sometimes.
- Northern Michigan is also very rural:
 - Gas stations are not always open 24 hours, or always after 7 PM in the winter:
 - Traveling through Michigan? Plan to get gas in Gaylord, St. Ignace, Munising, or Marquette if you need gas at night.
 - Please look at the map of gas stations(Figure 2) through the Upper Peninsula that are outside of 30 minutes from campus to plan where you will be stopping to aid and prevent any issues from arising.
 - Most UP rest areas are seasonal roadside parks and are not open until late April to early May:
 - Year-round rest areas along the primary route are:
 - US2: 3mi East of Naubinway.
 - M28: 4mi West of Seney.
 - US41: between Harvey and Marquette (MI Welcome Center).
 - Cell phone service is less robust than in more populated parts of the country. Major carriers cover most of the UP, including Houghton. Others, not so much.
 - Check your carrier service map before you go.
 - Consider the possibility that their coverage may need to be more complete in their online maps.
- Most of the UP is not served by freeways:
 - Observe slower speed limits.
 - Pass safely. Wait for passing lanes.
 - Slow down for towns.
 - MDOT has fully embraced traffic circles in Munising and Marquette. When entering a traffic circle, yield to traffic already in the circle.
 - Houghton has a slope-modified traffic circle, between the west end of downtown and the Portage Lake Lift Bridge, known as the “Yooper Loop”. We will be creating an instructional photo of how to navigate to prevent accidents.
- Watch bridge conditions to make sure you can take the bridge, as it closes in very windy conditions. Consider taking the alternate route through Wisconsin if necessary.

Mailer 2 - Individual Registration & Symposium Information
2025 ASCE Eastern Great Lakes Student Symposium
Hosted by Michigan Technological University
April 10 – April 12, 2025



Fig. 1: Campus Map to see the layout of campus. Detailed maps of where competitions and events will be happening will come out later in mailer 3.

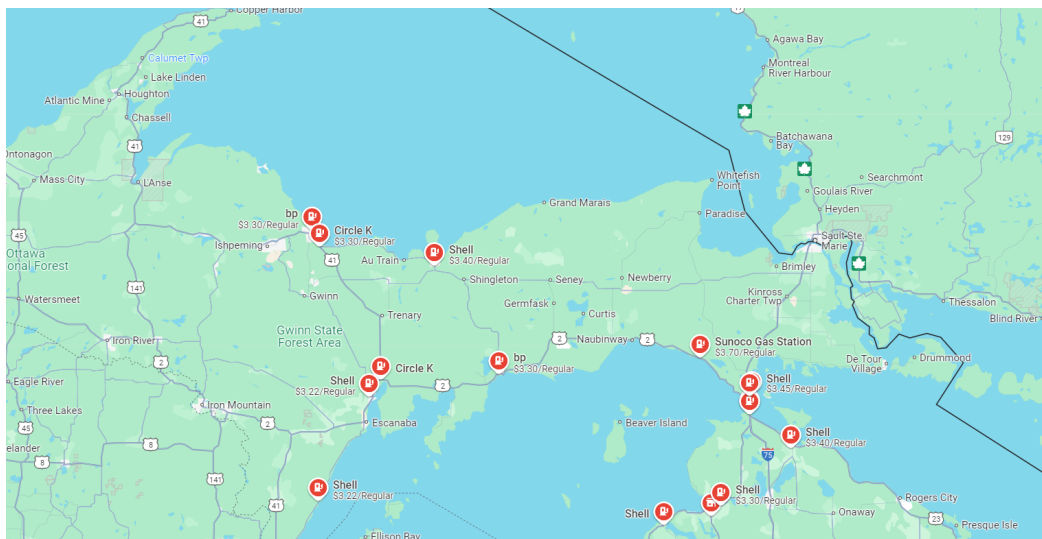


Fig.2: Gas stations that are currently open 24 hours across the U.P.