



**2023 ASCE SOUTHEAST MICHIGAN BRANCH
YOUNGER MEMBER GROUP PRESENTS:**

23rd ANNUAL STUDENT SCHOLARSHIP COMPETITION

PURPOSE

To support civil engineering students who have demonstrated an interest in the American Society of Civil Engineers (ASCE) and the advancement of the civil engineering profession.

AWARDS

Student scholarships in the amount totaling \$1,500.00 will be awarded to the winning student(s). Winner is chosen based on the applicant's specific civil engineering involvement, goals, job skills, academic record, and response to the essay. The award will be made payable to the student's university for payment toward tuition fees.

ELIGIBILITY

All **undergraduate students** who will be enrolled in the 2023 Fall Term at any of the below-listed schools:

University of Detroit Mercy

University of Windsor

Michigan State University

Michigan Technological University

Wayne State University

Lawrence Technological University

University of Michigan

Eastern Michigan University

Students working with co-op programs during the 2023 Fall Term are also eligible. Applicants must be registered ASCE student members by Fall 2023.

SUBMITTAL OF ENTRIES

Applications must be submitted through the Younger Member Group Southeast Michigan Branch. Minority candidates are encouraged to apply. Please direct any questions or concerns to Michael J. Michalak, YMG SE Michigan Branch Vice-President, at (248) 535-5042 or mmichalak@hrcengr.com.

Please return the completed application and essays to:

Email to: mmichalak@hrcengr.com

Applications must be returned no later than **5:00 PM** on **Thursday, April 27, 2023**.



**2023 ASCE SOUTHEAST MICHIGAN BRANCH
STUDENT SCHOLARSHIP
APPLICATION**

I. Personal Information

Name _____
Last First Middle

Current Address _____
Street

_____ () _____
City State Zip Telephone

E-mail Address _____

Permanent Address _____
Street

_____ () _____
City State Zip Telephone

II. Educational Background

Current College/University _____

City, State _____

Expected Date of Graduation _____

Degree to be Received _____

Area of Concentration _____ Grade Point Average _____

Previous Colleges/Universities Attended, Date Degree Earned and GPA:

Are you currently a member of ASCE? _____

(If no, you must be a registered member by Fall 2023)



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Professional or School Affiliations (List any school, professional or community activities you have participated in. Include offices held and awards received. Attach additional sheets, if necessary.)

III. Employment History

Work Experience (List full-time, part-time, co-op and summer employment. Briefly describe duties and responsibilities. Attach additional sheets, if necessary.)

IV. Personal Statement: A statement about your career goals after graduation and why you think that you should receive the scholarship award. Statement should not exceed 750 words or three pages. Please attach to application form.

V. Proof of Enrollment: Attach a copy of your tuition receipt or current registration card.



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VI. Essay:

From the three topics listed below select one topic to write an essay on. Essays should be double-spaced, 12-point font, and no more than 1,000 words in length. Applicant's name shall be included in the footer of the essay.

1. What do you consider to be the greatest civil engineering achievement of all time? Why?
2. What ethical and professional responsibilities do you feel civil engineers have to the public at-large?
3. There has been much debate in recent years over what constitutes an appropriate body of knowledge for a professional civil engineer. These proposals have been called many things, such as Policy 465, Body of Knowledge, or Bachelors + 30. What are your thoughts on possible requirements for CE students to obtain graduate-level education prior to their eligibility for professional licensing? What impact (positive or negative) could this have on civil engineering education and professional practice?
4. There have been many innovative technological advances within the civil engineering industry over the past couple of decades. How have technological advances impacted the civil engineering industry? In your opinion which emerging technology has the potential to most significantly impact the civil engineering industry in the future?
5. The ASCE Code of Ethics, which was adopted in October 2020, states that engineers shall "consider and balance societal, environmental, and economic impacts, along with opportunities for improvement in their work". How would you assess your work to meet this standard? What scoring criteria, weighting factors, or other methods would you utilize to determine if you've been successful? If you have an example project that has successfully balanced these elements please elaborate on that project and how it achieved this standard.

Signature _____ Date _____