



MICHIGAN SOCIETY  
OF PROFESSIONAL  
ENGINEERS

#### APPLICANT CHECKLIST

- ☐ Complete application
- ☐ Attach official High School transcript and current senior class schedule
- ☐ Attach official SAT Test results
- ☐ Attach your essay "How I was influenced to pursue an engineering career"
- ☐ Send to your local chapter scholarship representative listed on page 3.

# MSPE SCHOLARSHIP APPLICATION

for Graduating High School Seniors

FOR MORE INFORMATION, CONTACT:

---

#### **Don Nedervelt, PE**

*MSPE Scholarship Coordinator*

[donald.f.nedervelt@pfizer.com](mailto:donald.f.nedervelt@pfizer.com)

(269) 833-7549 (office)

(269) 492-2873 (mobile)

#### **MSPE Office**

100 East Washington Street  
SPRINGFIELD, ILLINOIS

(517) 487-9388

[mspe@michiganspe.org](mailto:mspe@michiganspe.org)

[www.michiganspe.org](http://www.michiganspe.org)

# Scholarship Information

**T**he Michigan Society of Professional Engineers (MSPE) encourages high school seniors with talent and commitment to pursue an engineering degree. MSPE offers financial support through grants and scholarships to earn an engineering degree at an ABET-accredited college or university in Michigan. The scholarships are funded by the generosity of individuals, leading companies and educational institutions. All scholarships are based on merit and are to be used toward tuition. Applicants must meet minimum criteria to qualify.

## Eligibility & Requirements

### *Applicants must:*

- Be currently accepted in an engineering degree program at a Michigan ABET-accredited college or university. Scholarship awards are contingent upon acceptance for admission and an intent to earn a degree in engineering and enter the practice of engineering after graduation. Computer Science is not considered an accepted engineering major.
- Be a high school senior, a resident of Michigan and a U.S. Citizen at the time of application.
- Have at least a 3.0 grade point average (GPA) based on a 4.0 scale, for the sophomore (10th grade) and junior (11th grade) years in high school.
- Submit a list of current classes being taken as a senior (12th grade).
- Provide an official high school transcript and SAT test score.
- Write and submit an essay (typewritten, min. 11 point font) of 250 words on "How I was influenced to pursue an engineering career."
- Complete an application for a free student membership in MSPE/NSPE.
- Submit only one original application, by email (pdf only) or U.S. Mail, to be considered for all available scholarships from MSPE. You will receive a confirmation when we receive your application.

## SELECTION PROCESS

Initial judging will be made on the basis of each candidate's high school record, participation in extracurricular activities, evidence of leadership, character and self-reliance. Applicants may be contacted for an interview by a member of the Scholarship Selection Committee.

## CRITERIA

The Scholarship Selection Committee will award points based on GPA, SAT score, activities, honors, essay and supplemental credits. Points will also be awarded for college-level courses completed while in high school.

## DEADLINE

Completed applications must be submitted to applicant's local chapter by February 6, 2019.

## HOW TO APPLY

Submit the completed application by email (pdf) or by U.S. Mail to your MSPE Chapter Scholarship Representative. See page 3 to identify the Chapter and Representative for your area. Contact the MSPE office or State Coordinator if you are unable to reach your Chapter Representative. Good luck!

## ENGINEERING SCHOLARSHIPS

All MSPE Scholarships must be used toward tuition for an engineering degree at an ABET-accredited college or university in Michigan.

The following scholarships have been offered to students in the past. For additional information go to [www.michiganspe.org](http://www.michiganspe.org).

### MSPE MEMORIAL SCHOLARSHIPS

Kenneth B. Fishbeck, PE  
Harry R. Ball, PE

### UNIVERSITY/COLLEGE SPECIFIC

Kettering University  
Grand Valley State University  
Lake Superior State University  
Lawrence Technological University  
Michigan State University  
Michigan Technological University  
Oakland University  
Saginaw Valley State University  
University of Detroit-Mercy  
University of Michigan-Ann Arbor  
University of Michigan-Dearborn  
Wayne State University  
Western Michigan University

# MSPE Local Chapter Scholarship Coordinators

## STATE COORDINATOR

**Donald F. Nedervelt, PE**

Pfizer

7171 Portage Road, M/S Port 41-056

Kalamazoo, MI 49001

Phone: 269.833.7549

donald.f.nedervelt@pfizer.com

## AT-LARGE & BLUE WATER

**Donald F. Nedervelt, PE**

Pfizer

7171 Portage Road, M/S Port 41-056

Kalamazoo, MI 49001

Phone: 269.833.7549

donald.f.nedervelt@pfizer.com

## CAPITAL AREA

**Gregory L. Minshall, PE**

Eng.

4063 Grand Oak Drive, Suite A-109

Lansing, MI 48911

Phone: 517.887.1100

Fax: 517.887.6335

minshallg@engdot.com

## DETROIT METRO

**Pamela Lemme, PE**

806 Woodcrest Drive

Royal Oak, MI 48067

Phone: 248.546.3464

plemme2@comcast.net

## FLINT

**Amanda Hemeyer, PE**

Rowe Inc.

540 South Saginaw Street, Suite 200

Flint, MI 48502

Phone: 810.341.7500

ahemeyer@rowepsc.com

## GREAT LAKES BAY REGION

**Jay Wheeler, PE, CFM, LEED AP**

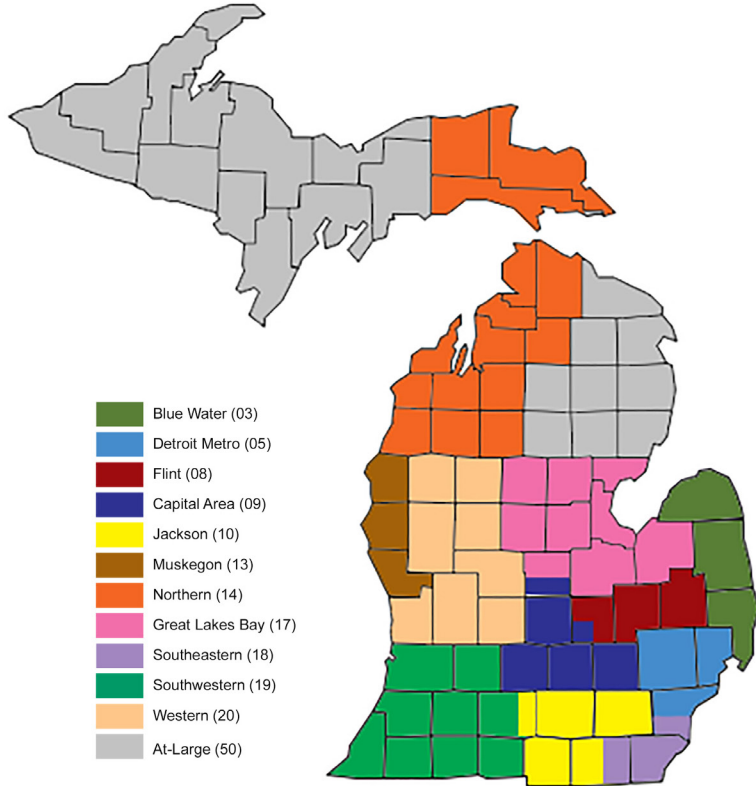
William A. Kibbe & Associates, Inc.

1475 South Washington Avenue

Saginaw, MI 48601

Phone: 989.752.2000

jwheeler@kibbe.com



## JACKSON

**Peter Mulhearn, PE**

Consumers Energy

714 Thompson Street

Jackson, MI 49203

Phone: 517.788.0817

peter.mulhearn@cmsenergy.com

## MUSKEGON

**Craig E. Yendell, PE**

6536 West Forest Meadows Drive

Ludington, MI 49431

Phone: 231.425.3508

Cell: 412.897.9436

cyendell@charter.net

## NORTHERN

**Bob Verschaeve, PE**

Gosling Czubak Engineering Services

1280 Business Park Drive

Traverse City, MI 49686

Phone: 231.933.5102

rmverschaeve@goslingczubak.com

## SOUTHEASTERN

**Douglas Thompson, PE, F.MSPE**

1287 Valetta Drive

Temperance, MI 48182

Phone: 734.216.1952

thompdj@hotmail.com

## SOUTHWESTERN

**Donald F. Nedervelt, PE**

Pfizer

7171 Portage Rd. M/S Port 41-056

Kalamazoo, MI 49001

Phone: 269.833.7549

donald.f.nedervelt@pfizer.com

## WESTERN

**Al Pennington, PE**

Moore & Bruggink

2020 Monroe Ave., NE

Grand Rapids, MI 49505

Phone: 616.363.9801

apennington@mbce.com

# Michigan's ABET-Accredited Colleges and Universities

SCHOOL NAME	LOCATION	WEBSITE	ABET-ACCREDITED DEGREE PROGRAMS
Andrews University	Berrien Springs	<a href="http://www.andrews.edu">www.andrews.edu</a>	Engineering, Engineering Physics & Engineering Science
Baker College	Flint	<a href="http://www.baker.edu">www.baker.edu</a>	Mechanical Engineering
Calvin College	Grand Rapids	<a href="http://www.calvin.edu">www.calvin.edu</a>	Engineering, Engineering Physics & Engineering Science
Central Michigan University	Mt. Pleasant	<a href="http://www.cmich.edu">www.cmich.edu</a>	Electrical and Mechanical
Eastern Michigan University	Ypsilanti	<a href="http://www.emich.edu">www.emich.edu</a>	Mechanical Engineering Technology
Ferris State University	Big Rapids	<a href="http://www.ferris.edu">www.ferris.edu</a>	Automotive Engineering Technology, Electrical, Electronics Engineering Technology, Mechanical Engineering Technology, Surveying and Geomatics
Grand Valley State University	Allendale	<a href="http://www.gvsu.edu">www.gvsu.edu</a>	Computer, Electrical, Electronics, Engineering Physics & Engineering Science, Mechanical, Manufacturing
Hope College	Holland	<a href="http://www.hope.edu">www.hope.edu</a>	Engineering, Engineering Physics & Engineering Science
Kettering University	Flint	<a href="http://www.kettering.edu">www.kettering.edu</a>	Chemical, Computer, Electrical, Electronics, Engineering Physics & Engineering Science Industrial, Mechanical
Lake Superior State University	Sault Ste. Marie	<a href="http://www.lssu.edu">www.lssu.edu</a>	Computer, Electrical and Electronics, Manufacturing Engineering Technology, Mechanical
Lawrence Technological University	Southfield	<a href="http://www.ltu.edu">www.ltu.edu</a>	Bioengineering and Biomedical, Civil, Computer, Electrical, Electronics Engineering, Mechanical
Michigan State University	East Lansing	<a href="http://www.msu.edu">www.msu.edu</a>	Biological, Computer, Electrical, Electronics, Environmental, Materials, Mechanical
Michigan Technological University	Houghton	<a href="http://www.mtu.edu">www.mtu.edu</a>	Bioengineering and Biomedical, Civil, Chemical, Computer, Electrical and Electronic, Environmental, Geogological, Materials, Mechanical, Surveying and Geomatics
Northern Michigan University	Marquette	<a href="http://www.nmu.edu">www.nmu.edu</a>	Electrical and Electronics Engineering Technology, Mechanical Engineering Technology
Oakland University	Rochester	<a href="http://www.oakland.edu">www.oakland.edu</a>	Computer, Electrical and Electronics, Industrial, Mechanical, Systems and Safety
Saginaw Valley State University	University Center	<a href="http://www.svsu.edu">www.svsu.edu</a>	Electrical and Electronics Engineering, Mechanical
University of Detroit Mercy	Detroit	<a href="http://www.udmercy.edu">www.udmercy.edu</a>	Architectural, Civil, Electrical and Electronics, Mechanical
University of Michigan	Ann Arbor	<a href="http://www.umich.edu">www.umich.edu</a>	Aerospace, Bioengineering, Biomedical, Chemical, Civil, Computer, Electrical and Electronics, Environmental, Industrial, Materials, Mechanical, Naval Architecture and Marine, Nuclear and Radiological
University of Michigan - Dearborn	Dearborn	<a href="http://www.umdearborn.edu">www.umdearborn.edu</a>	Computer, Electrical, Industrial and Systems, Manufacturing, Mechanical, Software
University of Michigan - Flint	Flint		Mechanical
Wayne State University	Detroit	<a href="http://www.wayne.edu">www.wayne.edu</a>	Bioengineering, Biomedical, Chemical, Civil, Electrical, Electronics, Industrial, Mechanical
Western Michigan University	Kalamazoo	<a href="http://www.wmich.edu">www.wmich.edu</a>	Aerospace, Chemical, Civil, Computer, Construction, Electrical and Electronics, Industrial, Materials, Mechanical

For more information on ABET-Accredited colleges and universities visit [www.abet.org](http://www.abet.org).

# Scholarship Application



**APPLICATION DEADLINE IS FEBRUARY 6.**

Return completed application to your Local Chapter Scholarship Coordinator (listed on page 3 of the instructions). Do not send application to MSPE. They must be processed at the Chapter level first.

## APPLICANT INFORMATION (Please Print)

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

**SEX** ☐ Female ☐ Male

**US CITIZEN** ☐ Yes ☐ No

**MICHIGAN RESIDENT** ☐ Yes ☐ No

**MATHCOUNTS PARTICIPANT** ☐ Yes ☐ No

**IS PARENT AN MSPE MEMBER** ☐ Yes ☐ No

## COLLEGE PREFERENCES

List two Michigan ABET-Accredited schools that you have applied to. Scholarships are granted by school choice preference.

First Choice \_\_\_\_\_ Second Choice \_\_\_\_\_

Date you applied for admission \_\_\_\_\_ Date you applied for admission \_\_\_\_\_

Have you been accepted? ☐ Yes ☐ No

Have you been accepted? ☐ Yes ☐ No

Major \_\_\_\_\_

Concentration \_\_\_\_\_

Have you applied to any out-of-state universities? If so, where? \_\_\_\_\_

## Authorization to Release Information

In submitting this application, I authorize my high school counselor/principal to provide information concerning my academic records to MSPE. I hereby grant permission to MSPE to release information contained herein to other potential sources of scholarship assistance for engineering studies. I certify that all statements contained herein are true.

Applicant's Signature \_\_\_\_\_ Date \_\_\_\_\_

### COUNSELOR/PRINCIPAL CERTIFICATION

I hereby certify that the academic information and summary of school activities on this application is correct, and to the best of my knowledge, the applicant has applied for admission to the schools listed.

Average GPA for grades 10 and 11 \_\_\_\_\_ 12th Grade first semester course list attached? ☐ Yes ☐ No

SAT Score \_\_\_\_\_ Transcript showing GPA and SAT score attached to this application ☐ Yes ☐ No

Applicant meets all academic requirements to be eligible ☐ Yes ☐ No

Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

# ACTIVITIES AND HONORS

List each activity only once in the appropriate section. Do not abbreviate. Please use these forms and attach additional pages only if necessary, clearly identifying each part. Please print or use form fill.

Part A: Technical activities sponsored by high school (i.e., Math Club, Science Club, JETS, etc.)	SCHOOL YEAR			Leadership Positions Held/Year(s) Held	MSPE USE
	10	11	12		
TOTAL PART A (MSPE USE ONLY)					

PART B: Non technical activities sponsored by high school (i.e., athletics, band, service clubs, school publications, debate team, student council, etc.)	SCHOOL YEAR			Leadership Positions Held/Year(s) Held	MSPE USE
	10	11	12		
TOTAL PART B (MSPE USE ONLY)					

PART C: Academic honors or special achievements (i.e., National Honor Society, National Merit Scholar Semifinalist, Science Fair, etc.)	SCHOOL YEAR			Description of what you did to earn recognition	MSPE USE
	10	11	12		
TOTAL PART C (MSPE USE ONLY)					

Part D: Paid employment during school year (list only jobs worked for three or more weeks).	SCHOOL YEAR			Number of Weeks Per School Year	Average Hours Worked Per Week	MSPE USE
	10	11	12			
TOTAL PART D (MSPE USE ONLY)						

Part E: Summer activities (i.e., paid employment, volunteer work, camp, university program, etc.)	SCHOOL YEAR			Number of Weeks Each Summer	Average Hours Per Week	MSPE USE
	10	11	12			
TOTAL PART E (MSPE USE ONLY)						

Part F: Organized volunteer, community or other activity not sponsored by high school (i.e., Scouts, 4-H, church leader, Big Brothers/Sisters, etc.)	SCHOOL YEAR			Average Hours Per Week	Significant Contribution(s)	MSPE USE
	10	11	12			
TOTAL PART F (MSPE USE ONLY)						

## Essay

Prepare an essay, minimum 11-point font, of approximately 250 words on the following topic: "How I was influenced to pursue an engineering career." Put your name and the title of the essay at the top of the page and add to your packet. Answer the following questions in your essay: (1) How did you become interested in engineering? (2) What field of engineering most interests you? (3) Why do you want to become a practicing engineer?