

WSPE SCHOLARSHIP APPLICATION FORM

WISCONSIN SOCIETY OF PROFESSIONAL ENGINEERS

2017-2018

PERSONAL INFORMATION (please print)

Name: _____ Special Consideration yes no
(last) (first) (m.i.)

Permanent Address: _____
(Number & street) (City) (State) (zip)

E-mail of student: _____ E-mail of parent: _____

Phone No. _____ WI County of High School _____
(area code)

Name of High School: _____ Field of engineering that interests you: _____

Are you a citizen of the U.S.A.? Yes No A resident of Wisconsin? Yes No

Did you hear about WSPE's MATHCOUNTS in your school? Yes No
 Did you participate in WSPE's MATHCOUNTS when you were in 7th or 8th grade? Yes No

How did you learn about this scholarship? School Counselor Math or Science Teacher High School Web Site
 Internet Web Search Other Method, or, what SEARCH parameter did you use, Please describe: _____

SCHOLARSHIPS

The Wisconsin Society of Professional Engineers (WSPE) Scholarships are awarded each year to high school seniors having qualifications for success in engineering education.

We are pleased to announce that we **increase the number of scholarships to 11**. There are **3 scholarships** (each in the amount of \$2000) in the name of Louis C. Geiger, a former WSPE President. Also returning is a total of \$2000 in scholarship(s) provided by Yu-Hwa Terry Ni, P.E. through the Funds for the Restoration and Enhancement of the Earth (**FREE**) Program. The **FREE** Program is established to encourage and increase involvement activities for restoration and enhancement of the Earth to improve sustainability.

The Wisconsin Society of Professional Engineers also has 7 other scholarships, **\$2000** each. We will be awarding a total of **\$22,000, an increase of \$4000 since October 2016**, through the **11** scholarships this year. Each applicant will be considered for all **11** scholarships.

Last year, an additional \$10,000 was also awarded by the local chapters of WSPE using this application form. This also includes the Fox River Valley Chapter's Charles H. Bennett Scholarship.

COLLEGE PREFERENCES

WSPE scholarships are applicable only in engineering curricula at a four-year ABET accredited program leading to a baccalaureate degree in engineering. You must apply and be accepted for admission. List name of school below.	Preference (Enter 1, 2, 3)	Have you applied for admission?	Were you:		
			Accepted Here	Declined	Did not Hear
		<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DEADLINE: Applications must be postmarked by Monday, December 18, 2017.

After completing this form, please return to the specified address listed near the end of this form.

INSTRUCTIONS FOR APPLICANTS AND COUNSELORS

FOREWORD

The Wisconsin Society of Professional Engineers wishes to encourage students with the talent and commitment to succeed in an undergraduate engineering curriculum, for whom the financial support and encouragement of a scholarship can make a difference. The minimum criteria for application are set to make certain that recipients are capable of the challenge.

1. ELIGIBILITY AND REQUIREMENTS

- Applicant must be accepted as a high school senior.
- Applicant shall enroll in a four-year ABET accredited program leading to a baccalaureate degree in engineering and shall intend to enter the profession of engineering upon graduation.
- Payment of the award will be submitted directly to the university after successful enrollment, or the payment of the award may be directly sent to the student with confirmation of completion of the fall semester.
- Only applications with a documented high school transcript and ACT test scores attached will be considered. The transcripts and the ACT test scores may be mailed separately, by policy of the high school. Be sure to include all 6 sheets of this application form.
- Academic requirements are:
GPA: Minimum – 3.0
ACT Composite Score: Minimum – 24
- Only current year WSPE application forms are acceptable.
- Applicant must be a U.S. citizen and Wisconsin resident.

2. SELECTION PROCESS

- Initial judging will be conducted by the local Scholarship Committee.
- Semi-finalists may be contacted for an interview by a member of the local Scholarship Committee.
- All local finalists will compete at state level and award recipients determined by the State Scholarship Committee.
- "Special Consideration" may be considered for the award. To apply, submit a one-page letter from either your principal, counselor, or a registered professional engineer, identifying that you have extenuating circumstances that will require scholarship assistance in order for you to continue your education. The letter should also explain why you have selected a particular college to match your financial situation. Attach letter (if applicable) to top of transcript.

3. CRITERIA

The State Scholarship Committee will award the scholarships based on GPA, ACT, Activities & Honors, Essay & Supplemental Credits (Computer, Chemistry, Physics, Calculus, etc.). The committee will also be reviewing the honors/advanced-placement, college-level courses, and personal interview if requested.

AUTHORIZATION TO RELEASE INFORMATION

- In submitting this application, I authorize my high school principal or counselor to make available to the Wisconsin Society of Professional Engineers information concerning my academic records.
- I hereby grant permission to the WSPE to release information contained herein to other potential sources of scholarship assistance for engineering studies.
- I hereby grant permission to the WSPE to release my name and award to the press.
- I hereby certify that all statements contained herein are true and factual.

Applicant's Signature

Date

COUNSELOR OR PRINCIPAL CERTIFICATION

I hereby certify that the academic information and summary of school activities as submitted on this application are correct and, **that to the best of my knowledge application has applied for admission to the schools listed on page 1. All blanks must be completed.**

- Applicant's average GPA for 10th & 11th grade _____
(Based on a system of A = 4.0)
- ACT Composite Score is: _____
- Transcript showing GPA, and ACT scores.
- Applicant meets all academic requirements as outlined in section 1 of this page? Yes No

School Authorized Signature: _____

Printed Name: _____

Counselor or Principal (choose one)

High School: _____

School Address: _____

City: _____ State: ____ Zip: _____

School Telephone # (____) _____

Date: _____

Total Enrollment of High School: _____

Number of Grades in High School: 3 or 4

ANNOUNCEMENT OF STATE AWARDS
check www.WSPE.org Selection to be Finalized mid April

ACTIVITIES & HONORS

List each activity **ONLY ONCE** in **ONE** of the appropriate Parts, A, B, or D-G. **DO NOT ABBREVIATE** any activities (clearly identifying your participation in each activity). If more spaces are needed, print additional sheets.

PART A: TECHNICAL ACTIVITIES IN HIGH SCHOOL: Engineering and Science-Related Activities Sponsored by High School (i.e., Math, Club, Science, Club or Fair, JETS, etc.) If there are not many activities available in your school, please explain here.	<u>Number of Hours Per School Year</u>			Major Office Held – What Year of High School? (i.e. President-12, Vice President-11, Secretary-10, Treasurer-10, Captain-11)	WSPE CHAP USE .01 + .5
	10	11	12		
Total Hours Per Year				Total	
Three-Year Total					

PART B: OTHER ACTIVITIES IN HIGH SCHOOL: Non-Technical Activities Sponsored by High School (i.e., athletic teams, cheerleading, band, service clubs, FFA, school publications, debate team, student council, etc.)	<u>Number of Hours Per School Year</u>			LEADERSHIP Positions Held – What Year of High School? (i.e. President-11 and 12, First Chair-12, Captain-12, Secretary-11, Paper Editor-12)	WSPE CHAP USE .004 + .5
	10	11	12		
Total Hours Per Year				Total	
Three-Year Total					

ACTIVITIES & HONORS (Continued)

PART C: ACADEMIC HONORS:

Special recognition for **ACADEMIC** honors or other special achievements (i.e., Honor Society, National AP Scholar semi-finalist, Science Fair, Westinghouse Science Talent Search, etc.)

Description of what you did to earn recognition.

What was the Award (plaque, certificate, pin, trophy, money)?

Do not include **Who's Who** list, sports, music, academic achievement award, academic excellence awards, academic letters, attendance awards, student of the month, student achievement awards, Brewer's student achievement awards, language awards, honor roll, People to People ambassador, scholar athlete, physics bowl).

Please explain lesser known functions and **ALL** ACRONYMS.

If an activity in Part A received an **academic** honor, record the hours in Part A and identify the honor in this section with additional description and information regarding the **academic** honor.

School Year –
mark with an "X"

Was the Award based on your **Academic** achievement?
Yes/No?

At what level was the award given?

National

State / Regional

School / City

Including **YOURSELF**, how many students, in your school, received the same recognition?
"1" is the minimum.

WSPE
CHAP
USE
.5

10 11 12

	School Year			Was the Award based on your Academic achievement?	At what level was the award given?			Including YOURSELF , how many students, in your school, received the same recognition? "1" is the minimum.	WSPE CHAP USE .5
	10	11	12		National	State / Regional	School / City		

Total

PART D: EMPLOYMENT DURING SCHOOL: Description of employment in which you got paid, outside of school activities, while attending high school (List ONLY those of 1 month or more duration). Explain the pay that you received in the activities section. Was it hourly? Weekly? Free attendance?	Number of Weeks Per School Year			Average Hours Per Week (40 max.)	Total Hrs. in the 3 School Years	WSPE CHAP USE .003
	10 38 max.	11 38 max.	12 16 max.			
Total Hours						

PART E: PAID SUMMER ACTIVITIES: (i.e., employment in which you got paid or involvement in a major project such as Boy's or Girl's State, a University program, or Legislative Page, etc.) Explain the pay that you received in the activity section. Was it hourly? Weekly? Free attendance?	Number of Weeks for Each Summer After Grade:		Average Hours Worked Per Week (40 max.)	Total Hours in the 2 Summers	WSPE CHAP USE .003
	10 14 max.	11 14 max.			
Total Hours					

PART F: CIVIC UNPAID ACTIVITIES: Organized <u>unpaid</u> volunteer, community or other activity NOT sponsored by high school (i.e., Scouts, 4H, music, candy striper, leadership in church or community organization, Big Brother or Big Sister, unpaid camp counselor, etc. Do NOT include playing sports). Do not use acronyms.	Number of Weeks Each School Year plus the following Summer:			Average Hours Worked Per Week (40 max.)	Total Hours Per Activity	WSPE CHAP USE .02
	10 52 max.	11 52 max.	12 16 max.			
Total Hours						

SUPPLEMENTAL CREDITS

PART G: List all your engineering and science-related courses as you **circled** on your transcript (drafting, computer, chemistry, physics, calculus, math classes, electrical, etc.). Indicate if the courses are standard or advanced, such as honor, advanced placement, IB, college level, or if you took the course on a college campus and received college credit for the course. Show verification by transcripts or School Counselor. (Check each school year applicable. Do not list Shop classes, unless engineering related, and then please explain.) **Highlight on your transcript the advanced courses listed below with yellow.** Do not include any 9th grade classes. Explain the work that was performed for any "Independent Studies". Be sure to include all transcripts, including college classes. Add 2nd sheet (sheet 9) if needed.

School Year – (Mark each semester with an "X")								S u m m e r	Mark each type of class with an "X"						WSPE Chapter Use
									10		11		12		
									Standard technical classes Project Lead the Way (unless AP) Circle classes	Honors, AP, College Level at H.S. 1.5 Circle classes		On College Campus 2 Circle classes			
									Yellow		Yellow				
CLASS	Semester	1	2	1	2	1	2	1	2	1	2	1	2		
Total of each column Use sheet 9 if needed															

Add the bottom row on this sheet for a total of ALL technical classes. _____



HIGH SCHOOL TRANSCRIPT

Obtain an official copy of your high school transcript showing classes and grades through the end of the junior year. (Or have your school mail it directly to the contact person below) Provide a separate memo of the 12th grade classes and any college classes if not shown on the official transcript. Ensure that ACT scores are shown on the transcript, or attach a copy of the official test report.

On your transcript:

Circle the ACT scores

Circle all technical courses that are engineering and science related that are shown on sheet(s) 6, (and 9).

Highlight in yellow all of the advanced engineering/science courses (Honors, AP, and college courses) shown on your transcript.

ESSAY

Prepare an Arial font, size 12, 1.5 line spacing, TYPEWRITTEN essay of approximately 250 words and answer the following questions:

(Place the title of your essay along with your name in the center at the top of the sheet.)

1. **How** and **when** did you become interested in engineering?
2. What **field of engineering** is most interesting to you and why?
3. **Why** do you want to become a practicing engineer?

STAPLE YOUR APPLICATION IN THE FOLLOWING ORDER from top to bottom:

- 6-sheet application, (the last sheet, with the mailing addresses, is not required),
- Transcripts,
- Other school/personal information,
- Your Essay.

DO NOT bind (other than stapling) or add any additional covers or dividers.

ANNOUNCEMENT OF STATE SCHOLARSHIP AWARDS

Check the website at www.WSPE.org

State Scholarship Awards to be Finalized mid-April

The Engineers Foundation of Wisconsin will be providing the following scholarships:

- 4 - \$2000 Engineers Foundation of Wisconsin Scholarships
- 3 - \$2000 Louis Geiger Scholarships
- 2 - \$2000 Behling Scholarships
- 1 - \$2000 WSPE Past President's Scholarships
- 1 - \$2000 FREE Scholarships

11 - \$22,000 Total scholarships to be awarded

Mailing Address List for Completed Application Forms:

Wisconsin County of High School	Mail application to this WSPE Local Chapter
Adams	Wis Valley
Ashland	Northwest
Barron	Northwest
Bayfield	Northwest
Brown	Fox River Valley
Buffalo	Western
Burnett	Northwest
Calumet	Fox River Valley
Chippewa	Northwest
Clark	Wis Valley
Columbia	Southwest
Crawford	Western
Dane	Southwest
Dodge	Metro West
Door	Fox River Valley
Douglas	Northwest
Dunn	Northwest
Eau Claire	Northwest
Florence	Wis Valley
Fond du Lac	Fox River Valley
Forest	Wis Valley
Grant	Southwest
Green	Southwest
Green Lake	Wis Valley
Iowa	Southwest
Iron	Northwest
Jackson	Western
Jefferson	Metro West
Juneau	Western
Kenosha	Southeast
Kewaunee	Fox River Valley
La Crosse	Western
Lafayette	Southwest
Langlade	Wis Valley
Lincoln	Wis Valley
Manitowoc	Fox River Valley

Wisconsin County of High School	Mail application to this WSPE Local Chapter
Marathon	Wis Valley
Marinette	Fox River Valley
Marquette	Wis Valley
Menominee	Fox River Valley
Milwaukee	Metro East
Monroe	Western
Oconto	Fox River Valley
Oneida	Wis Valley
Outagamie	Fox River Valley
Ozaukee	Metro East
Pepin	Northwest
Pierce	Northwest
Polk	Northwest
Portage	Wis Valley
Price	Wis Valley
Racine	Southeast
Richland	Western
Rock	Southwest
Rusk	Northwest
Sauk	Southwest
Sawyer	Northwest
Shawano	Fox River Valley
Sheboygan	Fox River Valley
St. Croix	Northwest
Taylor	Wis Valley
Trempealeau	Western
Vernon	Western
Vilas	Wis Valley
Walworth	Southeast
Washburn	Northwest
Washington	Metro West
Waukesha	Metro West
Waupaca	Fox River Valley
Waushara	Wis Valley
Winnebago	Fox River Valley
Wood	Wis Valley

Mail your application to the designated person below, based on the location of your high school's County above:

Fox River Valley:
 Russ Kopidlansky, P.E.
 1866 Horseshoe Court
 De Pere, WI 54115

Metro West:
 Steve Berg, P.E.
 R.A. Smith National, Inc.
 16745 W. Bluemound Road
 Brookfield, WI 53005-5938

Southeast:
 Mark Conti, P.E.
 5733 2nd Street
 Kenosha, WI 53144

Western:
 Jeremy Tomesh, P.E.
 W5245 Boma Road
 La Crosse, WI 54601

Metro East:
 Dave Brose, P.E.
 EMCS Inc.
 1300 West Canal Street
 Milwaukee, WI 53233

Northwest:
 Brad Volker, P.E.
 Cooper Engineering Inc.
 2600 College Dr, PO Box 230
 Rice Lake, WI 54868-0230

Southwest:
 Norman Arendt, Phd.
 6630 Clovernook Road
 Middleton, WI 53562

Wisconsin Valley:
 Archie Becher, P.E.
 Becher Hoppe Associates
 330 N. 4th Street
 Wausau, WI 54403-5417

SUPPLEMENTAL CREDITS (continued)

PART G: List all your engineering and science-related courses as you circled on your transcript (drafting, computer, chemistry, physics, calculus, math classes, electrical, etc.). Indicate if the courses are standard or advanced, such as honor, advanced placement, IB, college level, or if you took the course on a college campus and received college credit for the course. Show verification by transcripts or School Counselor. (Check each school year applicable. Do not list Shop classes, unless engineering related, and then please explain.) **Highlight on your transcript the advanced courses listed below with yellow.** Do not include any 9th grade classes. Explain the work that was performed for any "Independent Studies". Be sure to include all transcripts, including college classes.

	School Year (Mark each semester with an "X")						S u m m e r	Mark each type of class with an "X"						
	10		11		12			Standard technical classes Circle classes		Honors, AP, College Level at H.S. 1.5 Circle classes		On College Campus 2 Circle classes		WSPE Chapter Use
								Yellow		Yellow				
	1	2	1	2	1	2		1	2	1	2	1	2	
CLASS	Semester													
Subtotal: Carryover from sheet 6														
Grand total including sheet 6														

Add the bottom row of **both pages** for a GRAND total of ALL technical classes. _____

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