

# WSPE SCHOLARSHIP APPLICATION FORM

## WISCONSIN SOCIETY OF PROFESSIONAL ENGINEERS

### 2018-2019

**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.

Each applicant will be considered for all of the following scholarships.

- The Engineers Foundation of Wisconsin Scholarship, 4 scholarships, each **\$2000**
- The WSPE Past Presidents Scholarship, 1 scholarship, **\$2000**
- The Behling Scholarship, 2 scholarships, each **\$2000**
- The Louis C Geiger Scholarship, 3 scholarships, each **\$2000**
- The Yu-Hwa Terry Ni FREE Program Scholarship, **\$2000** will be awarded in one or two 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 emailed by Monday, December 17, 2018.**  
 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**

- (a) Applicant must be accepted as a high school senior.
- (b) 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.
- (c) 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.
- (d) 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.
- (e) Academic requirements are:  
GPA: Minimum – 3.0  
ACT Composite Score: Minimum – 24
- (f) Only current year WSPE application forms are acceptable.
- (g) Applicant must be a U.S. citizen and Wisconsin resident.

**2. SELECTION PROCESS**

- (a) Initial judging will be conducted by the local Scholarship Committee.
- (b) Semi-finalists may be contacted for an interview by a member of the local Scholarship Committee.
- (c) All local finalists will compete at state level and award recipients determined by the State Scholarship Committee.
- (d) "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.

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**AUTHORIZATION TO RELEASE INFORMATION**

- (1) 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.
- (2) I hereby grant permission to the WSPE to release information contained herein to other potential sources of scholarship assistance for engineering studies.
- (3) I hereby grant permission to the WSPE to release my name and award to the press.
- (4) I hereby certify that all statements contained herein are true and factual.

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

\_\_\_\_\_  
Date

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**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.**

- 1. Applicant's average GPA for 10th & 11th grade \_\_\_\_\_  
(Based on a system of A = 4.0)
- 2. ACT Composite Score is: \_\_\_\_\_
- 3. Transcript showing GPA, and ACT scores.
- 4. 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

## 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.

<b>PART A: TECHNICAL ACTIVITIES IN HIGH SCHOOL:</b> 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 <b>Office</b> Held – What <b>Year</b> of High School?  (i.e. President-12, Vice President-11, Secretary-10, Treasurer-10, Captain-11)	WSPE CHAP USE .01 + .5
	10	11	12		
<b>Total Hours Per Year</b>				<b>Total</b>	
<b>Three-Year Total</b>					

<b>PART B: OTHER ACTIVITIES IN HIGH SCHOOL:</b> 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>			<b>LEADERSHIP</b> Positions Held – What <b>Year</b> 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		
<b>Total Hours Per Year</b>				<b>Total</b>	
<b>Three-Year Total</b>					

ACTIVITIES & HONORS (Continued)



<b>PART D: EMPLOYMENT DURING SCHOOL:</b> Description of employment in which you got paid, outside of school activities, while attending high school (List <b>ONLY</b> 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.			
<b>Total Hours</b>						

<b>PART E: PAID SUMMER ACTIVITIES:</b> (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.				
<b>Total Hours</b>						

<b>PART F: CIVIC UNPAID ACTIVITIES:</b> Organized <u>unpaid</u> volunteer, community or other activity <b>NOT sponsored by high school</b> (i.e., Scouts, 4H, music, candy striper, leadership in church or community organization, Big Brother or Big Sister, unpaid camp counselor, etc. Do <b>NOT</b> include playing sports). <span style="background-color: yellow;">Do not use acronyms.</span>	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.			
<b>Total Hours</b>						



## HIGH SCHOOL TRANSCRIPT

Obtain a copy of your high school transcript showing classes and grades through the end of the junior year. Provide a separate memo of the 12<sup>th</sup> 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**, word processed 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?

**ORGANIZE YOUR APPLICATION IN THE FOLLOWING ORDER from top to bottom:**

- 6-sheet application, (Sheet 7 is not required)
- Transcript
- ACT score
- Essay.

## ANNOUNCEMENT OF STATE SCHOLARSHIP AWARDS

Check the website at [www.WSPE.org](http://www.WSPE.org)

State Scholarship Awards to be Finalized late-April

## Address List for Completed Application Forms:

Wisconsin County of High School	Email 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	Email 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

**Fox River Valley:**

Jim Crawford, P.E.  
crawfj@netnet.net

**Metro West:**

Steve Berg, P.E.  
raSmith  
steve.berg@rasmith.com

**Southeast:**

Mark Conti, P.E.  
mark7852@att.net

**Western:**

Jeremy Tomesh, P.E.  
jittomesh@gmail.com

**Metro East:**

Dave Brose, P.E.  
EMCS Inc.  
Dbrose@emcsinc.com

**Northwest:**

Brad Volker, P.E.  
Cooper Engineering Inc.  
bvolker@cooperengineering.net

**Southwest:**

Ron Voss, P.E.  
ronvoss@centurytel.net

**Wisconsin Valley:**

Archie Becher, P.E.  
Becher Hoppe Associates  
abecher@becherhoppe.com

**Email your .pdf [10MB max] application to the designated person above based on the location of your high school's County:**



## 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				
CLASS	Semester	1	2	1	2	1	2	1	2	1	2				
Subtotal: Carryover from sheet 6															
<b>Grand total including sheet 6</b>								<b>Add the bottom row of both pages for a GRAND total of ALL technical classes. _____</b>							