

ROCK RIVER CHAPTER
ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS

11/18/2024

High Schools in the counties of Bureau, Lee, Ogle, Whiteside, and Carroll

RE: Rock River Chapter - ISPE Scholarship - 2025

Dear Principals, Advisors, Counselors, Teachers, and Students:

The Rock River Chapter of the Illinois Society of Professional Engineers (RRC-ISPE) is proud to announce that it is now accepting applications for the annual scholarship(s) given by the organization to the most qualified student(s) entering the field of engineering. This scholarship is for high school seniors who will be enrolling in an engineering program in the fall of 2025. The eligibility requirements are listed on the first page of the application packet.

The RRC-ISPE requests all counselors, teachers, advisors, etc. to strongly encourage all potential candidates to apply for this scholarship since past history has indicated a relatively low turn-out of applicants. In addition, the RRC-ISPE does award multiple scholarships when the Committee determines that more than one “qualified applicant” has applied. If multiple scholarships are awarded, at least one will be for \$1,000 or more. Last year the RRC-ISPE awarded four new scholarships.

If your school is interested in learning more about the field of engineering and would like to talk to someone or have someone visit the school, please contact me at the following number: Erik Larson (815) 284-3381.

Applications are due by January 17, 2025, and should be mailed to Erik Larson at the address shown in the application packet. The application packet may be printed and photocopied as needed, and/or sent to students electronically. We hope you will distribute this to your qualified students as soon as possible to help insure a prompt response to this opportunity. To help us to know that this application has reached the correct person, please press reply and either confirm this has reached the appropriate person, or please provide us with updated information regarding the contact for your school if our information is not correct. We will be contacting you if we have not heard back within the next couple of weeks.

Thank you for your cooperation and good luck to all applicants and future engineers!

Erik Larson
Chairman - Scholarship Committee
Rock River Chapter – ISPE

ROCK RIVER CHAPTER
ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS

11/18/2024

MEMO

TO: All applicants

FROM: Rock River Chapter of ISPE

SUBJECT: School Transcripts

One of the factors that the committee considers when reviewing applicants is whether advanced placement or honors classes have been taken, when available. It is important that the committee knows 1) if the school offers such courses, 2) which classes the applicant took if they did so, and 3) what grade did they receive in these classes. Most transcripts supply this information, but occasionally there is no legend to indicate what certain letters or symbols mean. Please submit whatever information is necessary so that we have the information as requested above. It will save us from having to call the schools to get this information. Thank you for your cooperation!

Erik Larson
Chairman - Scholarship Committee
Rock River Chapter - ISPE

**The Rock River Chapter of the
Illinois Society of Professional Engineers
Announces
Engineering Scholarships Available to
Graduating High School Seniors in
2025**

**ALL SCHOLARSHIPS ARE CONTINGENT UPON RECIPIENTS
ENROLLMENT AND ACCEPTANCE IN AN ENGINEERING PROGRAM
ACCREDITED BY THE ENGINEERING ACCREDITATION BOARD
FOR ENGINEERING AND TECHNOLOGY (ABET).
RECIPIENTS MAY ATTEND THE COLLEGE OR UNIVERSITY OF THEIR
CHOICE PROVIDED THE ENGINEERING CURRICULUM SELECTED MEETS THE
ABET-ACCREDITATION PROVISION STATED ABOVE**

Eligibility Requirements

1. Be a high school senior.
2. Be a citizen of the United States at the time of application.
3. Live in the Rock River Chapter Area
Lee, Ogle, Bureau, Whiteside, or Carroll Counties
4. Have a 3.0 (minimum) grade average (based on a 4.0 scale).
5. Attain a minimum test score on the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT) as

Complete the attached application and send it with
Supporting materials to:

Erik Larson
Willett, Hofmann & Associates Inc.
57 Airport Drive
Rockford, IL 61109

	MATH	VERBAL/ENGLISH
SAT	600	500

Deadline: JANUARY 17, 2025

	MATH/STEM	ENGLISH/ELA
ACT	29	25

Questions may be directed to:

Erik Larson: 815-284-3381

APPLICATION INSTRUCTIONS

General

Print or type all information being requested. Please use the forms provided. **DO NOT** send the requested information on a created form. Only a hard copy of the completed forms will be accepted with the application. Be sure to include your name on all pages of the application. Whenever the "YEAR(S)" information is being requested, use "9" for freshman, "10" for sophomore, "11" for junior, and "12" for senior. For example, if you were in an activity your freshman year only enter "9" in the box. If you were in all four years enter "9-12", etc.

You may copy any of the sheets if more space is needed to provide the requested information.

One of the factors that the committee considers when reviewing applicants is whether advanced placement or honors classes have been taken, when available. It is important that the committee knows: 1) if the school offers such courses, 2) which classes the applicant took if they did so, and 3) what grade did they receive in these classes. Most transcripts supply this information, but occasionally there is no legend to indicate what certain letters or symbols mean. Please submit whatever information is necessary so that we have the information as requested above.

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Grade point average should be given for a scale with 4.0 as the highest. If a different scale is used, please provide the scale that the GPA is based on.

If you have taken either the SAT or the ACT test more than once, the scores listed shall be the scores obtained from the same test. For example, do not list the math score from the first test and the verbal from the second test. Show the scores from the test with the highest overall score.

You may visit the ABET website at www.abet.org to determine if that particular engineering program is an ABET accredited program.

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List the school-sponsored activities in which you were involved while in high school, beginning at the start of your 9th grade school year thru the current date. List only those activities in which you were actively involved for the complete term of the activity. For example, if you quit a sport in the middle of the season do not list that sport for that year. You may list activities that you are currently involved in where the term of the activity has not yet been completed. If you were involved in the activity for more than one year, list each year that you were involved in the activity. For example, if you were involved in the activity for 9th and 10th grade, print/type "9, 10" under the "YEARS INVOLVED" column. Under the "ELECTED OFFICERS" columns enter the school year(s) that you were elected or appointed to that position. If you were elected or appointed to be a "Captain" or similar title such as with athletic activities, enter the year under the "PRES." column. If you were not an officer, or if the activity did not have any officers, leave those columns blank.

Technical Activities

Technical school activities are activities that involve math or sciences such as Math Club, Science Club, Computer Club, local or state science fairs, Junior Engineering Technical Society (JETS), etc.

Non-technical Activities

Non-technical activities include activities such as the school newspaper, yearbook, Student Council, Debate Team, Language Club, Sports Teams, Band, Cheerleading, Pep Squad, Drill Team, Manager, etc.

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List any volunteer activities in which you have been involved while in high school. These activities are typically non-school sponsored activities and are intended to provide a positive contribution to society. Provide an estimate of the number of hours per year in which you participated in that activity. Examples of some of the volunteer activities are tutoring, camp counselor, Big Brother/Big Sister, Boy/Girl Scouts, 4-H Club, FFA, church activities (not just church attendance), etc. Awards in these activities should be listed on page 3 of the application.

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Recognition and Honors

List honors and awards that you have received while in high school. Examples of honors or awards are election into the National Honor Society, scholarship awards, honorable mention Westinghouse Science Talent Search, National Merit Semifinalist, National Science Fair, letter of commendation from National Merit Program, recognition for outstanding performance in JETS' National Aptitude Search program, etc.

Special Merit

List any special merits that you have earned, while in high school, that recognize an accomplishment which is unusual, innovative, unique, etc. Some examples of previously recognized accomplishments are: a winner of a national science fair, Eagle Scout, a top 40 finalist in the Westinghouse Science Talent Search.

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List your work experiences both during the school year and during the summer in the corresponding tables. Please provide all the information requested. The start and end dates for the job may be approximate. If the number of hours worked per week varied, please provide the number of hours for an average work week. Then provide an estimate of the number of "average work weeks" that you worked for the period (either during the school year or during the summer).

**Rock River Chapter
Illinois Society of Professional Engineers
Scholarship Application**

PERSONAL INFORMATION

Name: _____
Last, First, Middle

Home Address: _____
Number/Street

City/State/Zip Code

Phone: _____ Email: _____
Include Area Code

Date of Birth: _____ Gender: _____

ACADEMIC INFORMATION

High School: _____ Phone: _____

Cumulative Grade Point Average: _____ (3.0 or higher based on 4.0 grade scale)

SAT or ACT Scores:

SAT Math _____ SAT Verbal/English _____

ACT Math/Stem _____ / _____ ACT English/ELA _____ / _____ (Use N/A if no ELA score)

NOTE TO APPLICANT: To be eligible for an RRC – ISPE Scholarship, applicants must attend an engineering program at a university/college that has been accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET – EAC). An applicant may be disqualified if the school is not ABET – EAC accredited.

Planned Engineering Major: _____

Schools Applied To:	Date Applied:
_____	_____
_____	_____
_____	_____
_____	_____

Name: _____

EXTRA-CURRICULAR SCHOOL ACTIVITIES

TECHNICAL ACTIVITIES

Activity	Years	Office Use	Elected Officers				Office Use	Office Use
			Pres.	V.P.	Sec.	Treas.		

NON-TECHNICAL ACTIVITIES

Activity	Years	Office Use	Elected Officers				Office Use	Office Use
			Pres.	V.P.	Sec.	Treas.		

Name: _____

VOLUNTEER NON-SCHOOL ACTIVITIES

[illegible]

Name: _____

RECOGNITION AND HONORS

Name of Recognition or Honor	Reason for Recognition or Honor	Year(s) of Recognition	Office Use

SPECIAL MERIT

Name of Achievement	Description of Achievement	Year(s) of Recognition	Office Use

Name: _____

EMPLOYMENT WHILE IN SCHOOL

Place of Employment Supervisor & Phone Number	Start Date	Work Information			Office Use
	End Date	Hrs/Week	Weeks	Duties	

SUMMER EMPLOYMENT

Place of Employment Supervisor & Phone Number	Start Date	Work Information			Office Use
	End Date	Hrs/Week	Weeks	Duties	

Name: _____

FINANCIAL INFORMATION: How do you plan to finance your education and living expenses for the current school year?

Item	Estimated Cost	Savings	Grants	Scholarships	Family Support	Loans you are legally obligated to repay	
Tuition/Fees	\$	%	%	%	%	%	= 100%
Books/Supplies	\$	%	%	%	%	%	= 100%
School Year Living Expenses	\$	%	%	%	%	%	= 100%

Do you have any family/financial responsibilities that RRC-ISPE should consider when reviewing your application? _____

(If necessary, use additional sheet.)

Please List the name(s)/address(es) of at least two people who will forward mail to you.

Name	Address	Relationship

ESSAY: The essay should discuss your interest in engineering and future plans, and answer the following questions: 1) How did you become interested in engineering? 2) What field of engineering are you interested in and why? 3) Why do you want to become a practicing engineer? The essay may also include any other information that is relevant to your career plan. The essay should be typed with no more than 500 words, double-spaced. Put your name and major field of engineering at the top of the page(s).

Assemble the application in the following order. Do not use a report binder.

1. Application
2. Recommendation of Teacher (at least two)
3. Employer Recommendation (optional)
4. Essay (maximum 500 words)
5. Official Transcripts (must be in a sealed envelope) and supporting documentation
6. SAT/ACT scores – Attach official score sheet
(SAT Math: 600, Verbal: 500) (ACT Math/STEM: 29, English/ELA: 25)

Name: _____

REQUIRED INFORMATION: Applications without required signatures will be disqualified.

Scholarship Applicant:

I authorize my school officials to give information about my academic records to RRC-ISPE.

Yes No

To the best of my knowledge, the information presented on this application is complete and true.

_____ Applicant's Signature	_____ Date
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Principal/Guidance Counselor Certification:

I certify that the academic information presented on this application is complete and true and that the applicant meets the stated eligibility requirements.

I certify that the applicant is a U.S. Citizen.

Signature: _____

Printed Name: _____

Title: _____

High School: _____

Phone Number: _____

Date: _____