



## 2023-2024 Academic Year Scholarship Program

ACEC/Alabama will award two \$2,000.00, state-level scholarships this spring. ACEC/Alabama Scholarship Award Recipients will be sponsored to go onto compete for the ACEC National Scholarship Competition. National Scholarships follow:

Under the auspices of ACEC's College of Fellows, the ACEC Research Institute will award five (5) General Scholarships, as well as three specialty scholarships: the Coalition of American Structural Engineers (CASE) Scholarship, the J.A. Watts, Inc. Diversity in Engineering Scholarship, and the Lee Rice LRE Water Scholarship.

*All scholarship applicants in Alabama, must submit applications NO LATER THAN March 3rd to: American Council of Engineering Companies of Alabama (ACEC/Alabama) – 531 Herron Street, Montgomery, Alabama 36104. For questions about the ACEC/Alabama state-level Scholarship Program, contact our Executive Director, Renee Casillas at: [rcasillas@aceca.org](mailto:rcasillas@aceca.org). ACEC/Alabama Scholarship Recipients will be sponsored to compete for the ACEC National Scholarship Competition.*

**Check with state Member Organization for application deadline.**

### Guidelines & Eligibility

#### General Scholarships

Students must be entering their junior, senior, fifth, or master's degree year, in the **fall of 2023** to qualify for the general scholarships. In addition, a student must be a U.S. citizen pursuing a bachelor's or Master's degree in engineering or in an accredited land-surveying program to qualify. **ABET accreditation** of engineering programs for scholarship applicants must conform to the following for the degree the student is pursuing:

**Bachelor's Degree**

Student must be in an ABET-accredited engineering program.

**Master's Degree**

Student must either be in an ABET-accredited Master of Science (MS) engineering program or have a Bachelor of Science (BS) degree from an ABET-accredited engineering program.

#### Coalition of American Structural Engineers (CASE) Scholarship

Only students who are enrolled in a **master's degree** program for Structural Engineering in **fall of 2023** will be eligible for the CASE scholarship. Student must either be in an ABET-accredited MS engineering program or have a BS degree from an ABET-accredited engineering program<sup>1</sup>.

#### J.A. Watts, Inc. Diversity in Engineering Scholarship

This scholarship will award funding to students of color who have been traditionally underrepresented in the field of engineering<sup>2</sup>. Student must be a U.S. citizen entering their junior, senior, or fifth year, or master's degree program, pursuing a Bachelor's or Master's degree in an ABET-accredited engineering program or in an accredited land-surveying program.

#### Lee Rice LRE Water Scholarship

The Lee Rice-LRE Water Scholarship for students entering their junior, senior or 5th year, or pursuing a master's degree in engineering geology, water engineering or natural resource engineering related fields at an ABET-accredited engineering program or in an accredited land-surveying program. Student must be a U.S. citizen.

A student can receive only one ACEC scholarship during the student's academic career.

Payments will be made to the academic institution beginning July 1 for the 2023-2024 academic year.

Applications should be as complete as possible. Each portion of the application has a specific point value. Judges will score each section separately. Incomplete applications will not be considered. For further information on scoring guidelines, please [click here](#).

*1: An ABET-accredited engineering program is one that conforms to the ABET **Engineering Accreditation Commission (EAC)** standards. To view a list of ABET, Inc.'s EAC accredited engineering programs, visit ABET's website at [www.abet.org](http://www.abet.org).*

*2: For the Diversity Scholarship, students self-identify as American Indian/Alaskan Native, Black, Asian/Pacific Islander, Hispano/Latino, and/or Mixed Race.*

## Scoring

- **Cumulative Grade Point Average: 20 points**

All grade point averages above 3.6 will receive the same score

- **Essay: 25 points**

Essays must be typed. Points may be lost for poor grammar, incorrect spelling, or lack of neatness. Proofread carefully.

- **Work Experience: 27 points**

Work experience will be limited to the *last three years* prior to the date of the application. List your most recent work experience first and include any jobs held during high school if within the three-year period. Indicate the year in school during which you held a particular position. Indicate if your work experience was in the form of work-study, co-op, or practicum. Clearly identify the nature of the business of the listed employers; in particular, note consulting engineering or land surveying firms. Be complete and accurate. List additional experience on a separate sheet and attach if necessary. The more experience you list, the higher your potential score.

- **Recommendation: 15 points**

A recommendation is needed from a consulting engineer, land surveyor or engineering professor. **Use the attached form**—a letter is not sufficient. Letters sent in addition to forms will not be read. Greater weight will be given for a recommendation from a consulting engineer or land surveyor. *The evaluator must send the recommendation directly to the state Member Organization.*

- **Extracurricular College Activities: 13 points**

List all college activities under the indicated categories and years. Include offices held and other leadership roles in any organizations. Be as complete as possible. If there are no activities, write “none”. The more activities you list, the higher your potential score. **Do not use additional sheets.**

## Application Checklist

- Completed official 2023 ACEC Application Form – Use current application form
- Select General Scholarships or CASE Scholarship, J.A. Watts, Inc. Diversity in Engineering Scholarship, or Lee Rice LRE Water Scholarship
- ABET Accredited Engineering Program under Engineering Accreditation Commission (EAC)
- Properly Signed by Applicant
- Properly Signed by Dean or Professor
- Essay
- ACEC Research Institute Recommendation Form
- ACEC Research Institute Scholarship Payment Activation Form
- Official Transcript – Including 2022 Fall Semester Grades

## Questions

For questions, or further information, please contact Heather Talbert at [htalbert@acec.org](mailto:htalbert@acec.org), or 202.682.4377



Official 2023-2024 Scholarship Application

Applicant's Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Citizenship: \_\_\_\_\_

I am applying for the following scholarship (select only one):

- General Scholarships
Coalition of American Structural Engineers (CASE) Scholarship
J.A. Watts, Inc. Diversity in Engineering Scholarship
Lee Rice LRE Water Scholarship

Note: To qualify for the CASE scholarship, you must be enrolled in a Master's degree program in Structural Engineering in the fall of 2023. Students who qualify for the CASE scholarship may be considered for the Scholar of the Year scholarship.

In the fall of 2023, I will enter (indicate one):

- Junior year Senior year Fifth-year Master's

College/University: \_\_\_\_\_

Degree/Discipline expected (with date): \_\_\_\_\_

Include certified grade transcript(s), including 2023 Fall Semester, and clearly identify your cumulative grade point average(s) on a four-point scale:

My Bachelor's (Undergraduate) GPA is: \_\_\_\_\_

My Master's GPA is: \_\_\_\_\_

GENERAL INFORMATION

Home Address: \_\_\_\_\_

College Address: \_\_\_\_\_

Phone: Cell Phone: ( ) School: ( )

Email Address: \_\_\_\_\_

**CURRENT COLLEGE/UNIVERSITY**

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Date Admitted: \_\_\_\_\_

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**EDUCATIONAL BACKGROUND**

List most recent additional educational institution first.

College/University & Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dates of Attendance: \_\_\_\_\_

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College/University & Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dates of Attendance: \_\_\_\_\_ Date of Graduation: \_\_\_\_\_

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Secondary School (High School) & City:

Dates of Attendance: \_\_\_\_\_ Date of Graduation: \_\_\_\_\_

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**WORK EXPERIENCE**

**Work experience is limited to the last three years prior to the date of your application.** List most recent work experience first.

Employer: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

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Employer: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Dates: \_\_\_\_\_ Total Time (Months): \_\_\_\_\_ Hrs/Week: \_\_\_\_\_

Supervisor's Name and Title: \_\_\_\_\_

Your Position: \_\_\_\_\_

Duties: \_\_\_\_\_

Year in School: \_\_\_\_\_ Type of Business: \_\_\_\_\_

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**COLLEGE ACTIVITIES**

List activities under the following categories for indicated years. Include summer activities as part of the subsequent school year. Identify leadership positions held in the listed activities or organizations. Do not use additional sheets

Student Organizations

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Year 2021-22: \_\_\_\_\_

\_\_\_\_\_

Community Activities

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Year 2021-22: \_\_\_\_\_

\_\_\_\_\_

Organized Athletics and/or Musical Activities

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Year 2021-22: \_\_\_\_\_

\_\_\_\_\_

Other

Year 2020-21: \_\_\_\_\_

\_\_\_\_\_

Year 2021-22: \_\_\_\_\_

\_\_\_\_\_

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**ESSAY**

On a separate sheet of paper write a short essay (limit your response to 500 words) on the following topic:

The American Council of Engineering Companies (ACEC) represents thousands of companies comprised of more than 600,000 engineers, architects, land surveyors and other specialists. Our member firms contribute engineering solutions to present and future challenges happening around the world. ACEC Research Institute is the leading source of knowledge and thought leadership for creating a more sustainable, safe, secure and technically advanced built environment. We aim to inspire future generations to solve the world's most challenging problems through engineering.

Describe how consulting engineering firms provide value to their clients and long-term benefits to their community. Also, tell about how your personal efforts as an aspiring engineer contribute to creating the future of engineering. Your thoughts on creating a more equitable world through engineering are welcome and encouraged.

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**PERMISSION TO RELEASE OR VALIDATE INFORMATION**

By signing this application, I authorize ACEC Research Institute and ACEC state Member Organizations to confirm and/or release any information included on this application.

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

I have reviewed this application and I recommend the student for consideration.

Dean or Professor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Dean or Professor Contact Name: \_\_\_\_\_

Dean or Professor email: \_\_\_\_\_



### Scholarship Recommendation Form

Complete this form and return to the **ACEC Member Organization** address below by: March 3, 2023  
 Name of Member Organization: American Council of Engineering Companies of Alabama (ACEC/Alabama)  
 Address: 531 Herron Street  
 City, State & Zip Code: Montgomery, Alabama 36104  
 Telephone 334-264-1500 Email rcasillas@aceca.org

Name of Student: \_\_\_\_\_  
 Name of School: \_\_\_\_\_  
 Degree/Discipline Expected: \_\_\_\_\_  
 Date Expected: \_\_\_\_\_

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Recommendor Name: \_\_\_\_\_  
 Recommendor Title: \_\_\_\_\_  
 Recommendor Organization: \_\_\_\_\_  
 You are (indicate one):    Engineering professor \_\_\_\_\_    Consulting engineer \_\_\_\_\_    Land Surveyor \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 How long, how well, and in what capacity have you known the applicant?: \_\_\_\_\_  
 \_\_\_\_\_

Please rate the student in each of the following categories (rating 1, 2, 3, 4, or 5; with 1 the lowest and 5 the highest). **Rate each category as best you can, do not leave any category without a rating point.**

	Rating	Use space below to explain your answers
Cooperation	_____	_____
Leadership	_____	_____
Initiative	_____	_____
Industrious	_____	_____
Dependability	_____	_____

Courtesy \_\_\_\_\_  
Attitude \_\_\_\_\_  
Communication \_\_\_\_\_  
TOTAL POINTS \_\_\_\_\_

Why will the student be a good engineer? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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





## One-Year Scholarship Activation Form

*Payment to your college or university will not be made without this form. Please print clearly*

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Full Name

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Home Address

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City, State, Zip

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Home Phone | Cell Phone

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Email address

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Student Identification number – *use of this is solely to be used when payment checks are submitted*

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College You Will be Attending in Fall

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College Address Where Payment Should be Sent (for example, Virginia Tech – Bursars Office)

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City, State, Zip