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. 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 program1.

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 engineering2. 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.

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, or 202.682.4377
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: __________________________________

EDUCATIONAL BACKGROUND

List most recent additional educational institution first.

College/University & Address: _________________________________________________________________________

_______________________________________________________________________

_______________________________________________________________________

Dates of Attendance: _________________________

College/University & Address: _________________________________________________________________________

_______________________________________________________________________

_______________________________________________________________________

Dates of Attendance: _________________________  Date of Graduation: __________________________________

Secondary School (High School) & City:

Dates of Attendance: _________________________  Date of Graduation: __________________________________

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: ______________________________________________
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: ______________________________________________________________________________________
_________________________________________________________________________________________________

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 though engineering are welcome and encouraged.

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: _______________________________________________________________________________________  

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.

<table>
<thead>
<tr>
<th>Rating</th>
<th>Use space below to explain your answers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooperation</td>
<td>______</td>
</tr>
<tr>
<td>Leadership</td>
<td>______</td>
</tr>
<tr>
<td>Initiative</td>
<td>______</td>
</tr>
<tr>
<td>Industrious</td>
<td>______</td>
</tr>
<tr>
<td>Dependability</td>
<td>______</td>
</tr>
</tbody>
</table>
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

__________________________________________________________________________________________________
Full Name

__________________________________________________________________________________________________
Home Address

__________________________________________________________________________________________________
City, State, Zip

__________________________________________________________________________________________________
Home Phone | Cell Phone

__________________________________________________________________________________________________
Email address

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

__________________________________________________________________________________________________
College You Will be Attending in Fall

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

__________________________________________________________________________________________________
City, State, Zip