Tulsa Engineering Foundation Scholarships for Undergraduate College Students

Tulsa Engineering Foundation – Bridge Builder Scholarship
Oklahoma Society of Professional Engineers – Tulsa Chapter
American Public Works Association NE Branch

A scholarship for college students studying toward a career in engineering or related fields (Sophomore – Senior). Scholarships range from $1000 to $2,000.

Guidelines

Application Deadline: June 1, 2020

ELIGIBILITY – To be eligible, applicants must meet the following qualifications:
1. Applicant must be enrolled as an undergraduate student in an ABET accredited engineering or engineering technology program, or a field of study to prepare for a position in Public Works.
2. Applicant must have a grade point average of 3.0 or higher.
3. Applicant must be able to accept the scholarship for the academic year starting in the Fall of 2020 and must not already be receiving full funding from other organizations.
4. To be considered for the American Public Works Association NE Branch scholarship, applicant need not be enrolled in engineering. They must include why they have the desire to work in the Public Works field.

Applicants should demonstrate high academic performance and show an enthusiastic interest in their professional development by participating in technical and/or other organizations, holding leadership positions, conducting research projects or pursuing related work experience.

APPLICATION – To be accepted for judging, an applicant must submit all of the following items:
1. Application Form – The form must be fully completed and signed.
2. Personal Essay – Essay written by applicant, not more than one typewritten page in length, and describing one or more of the following:
   a. Why the applicant chose an engineering major or particular discipline.
   b. What the applicant will accomplish or how they believe they will make a difference.
   c. What or who influenced applicant to study a field related to Public Works.
3. Supplemental Information/Resume – Provide as described on the application form.
4. Transcript – Official copy of applicant’s transcript(s) for the entire enrollment in current and prior college or university. An electronic copy of the official transcript is acceptable.
5. Letter of Recommendation 1 – from the applicant’s department head, a professor, or faculty advisor.
6. Letter of Recommendation 2 – from another professor in whose class the applicant is, or has been, enrolled; or from an employer (engineering/technical related.)

MAILING INSTRUCTIONS:
Send the original and three (3) copies (except the Letters of Recommendation) of the application submission as a single packet and postmarked no later than June 1, 2020 to:
Tulsa Engineering Foundation, P.O. Box 703065, Tulsa, OK 74170-3065

A pdf version of the application is available at: http://www.tulsaengineer/ under the menu bar ‘youth outreach’. A Word doc version is available by contacting TEF Scholarship Chairman at info@tulsaengineer.org or call 918-906-7929
Undergraduate Student in Engineering and Related Fields Scholarship – awarded by the Tulsa Engineering Foundation and Technical Societies

Application Form

Application Deadline: June 1, 2020

Name: _________________________________________________________________________________________________
Last      First          Middle
Permanent Address: ___________________________________________________________________________________
Street or PO Box  City    State       Zip Code
Email Address: ____________________________________ Date of Birth: ____/___/____ Gender: □ Male □ Female
Home Telephone Number: (____) ______-________     Cell Number: (____) ______-_________

Name of college in which you are currently enrolled and Student ID Number: ______________________________________
Name of college    City/State  Dates To Attend   ID Number

What is your major field of study? ________________________________ Cumulative GPA ____________

What class will you enter next Fall? __ Sophomore   __ Junior   __ Senior    __ Other _____________
Name of current College advisor: _________________________________ Advisor Phone No: (____) _____-_______

University you plan to attend next fall if different than above    City/State                   Major Field of Study

Please list all scholarships you have received or anticipate receiving for the upcoming academic year:

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<tr>
<th>Scholarships (list separately)</th>
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Past Education:

College(s) attended for undergraduate degree (if different than above)  City/State   Dates Attended    GPA

High School                  City/State     Dates Attended      GPA

I hereby certify that all of the information submitted is true, and that I intend to be enrolled as a full time student in the coming academic year. I also certify that I am not receiving full funding for my education from the Armed Forces, an employer, or other organizations.

________________________________________________________________________ Today’s Date _____/_____/_____
Signature (Do not print)
Personal Essay

Application Deadline: June 1, 2020

Essay written by applicant, not more than one typewritten page in length, and describing one or more of the following:

a. Why the applicant chose an engineering major or particular discipline.

b. What the applicant will accomplish or how they believe they will make a difference.

c. Why the applicant chose to pursue a degree leading to a career in Public Works.

Please write and sign a statement exactly like the one below at the bottom of your essay.

Best Practices for Writing Your Essay

DON’T focus on what an engineer does in an abstract way.

DON’T focus on things you’ve done that may not have any relations to engineering.

DON’T jump around from topic to topic without structure.

DON’T make grammar mistakes

DO tell us why you want to be an engineer and what you would do!

DO tell us about all the great things you’ve done, while highlighting activities and accomplishments related to STEM areas.

DO organize your thoughts and make connections between topics.

DO take the time to allow someone else to proofread your essay.

I declare that this essay is my own work, and that all the information in my application is, to the best of my knowledge, correct.

________________________________________________  _______________________
Applicant’s Signature      Date
Supplemental Information

Attach no more than two additional sheets, in format of your preference

Engineering Achievements
  Research Projects
  Team or Individual Design Projects
  Technical Papers

Community Activities List
  Societies and organizations (activities, responsibilities, etc.)
  Honors
  Volunteer work

College Activities (on campus)
  Societies and organizations (name, office held, year’s member, activities, and responsibilities)
  Scholastic achievements (name, year received)
  ASCE student group involvement if you wish to be considered for the ASCE scholarship.

Professional Data (work or volunteer experience)
  Employers
  Duties and responsibilities
  Length of employment or voluntary commitment
  Hours per week
Letter of Recommendation
Form – Recommendation #1

Application Deadline: June 1, 2020

To Evaluator: The below named applicant is applying for a scholarship with Tulsa Engineering Foundation and member organizations. Your evaluation is needed as part of the application process. The student has authorized you to release any information you feel would be helpful in reviewing his/her application. Your cooperation in providing this information is important to the selection of award recipients. To insure confidentiality, please return this form to the student in a sealed envelope with your signature across the seal. Please make a statement describing the applicant’s character, school and community leadership abilities, potential to succeed, and evidence of the student’s strengths and weaknesses, not to exceed one page in length. Please include any financial need you are aware of. If you are using your letterhead, be sure to include your relationship to the applicant and the length of time you have been acquainted.

I am writing this evaluation on behalf of:

Student’s Name: ____________________________________________________________

Evaluator’s Name: ______________________________________ Telephone Number: (_____)____-______

Address: ____________________________________________________________________

(Street or PO Box)     City    State   Zip

Relationship to applicant: _______________ How long have you known applicant? ____________

An evaluation received with a broken seal will be rejected. Please be sure to seal and sign the envelope and return to applicant in order that it may be included along with the application packet. Remember - parents, and immediate family members are not eligible to write the evaluation. We ask this Letter of Recommendation be computer prepared or hand printed.
Letter of Recommendation
Form – Recommendation #2
Application Deadline: June 1, 2020

To Evaluator: The below named applicant is applying for a scholarship with Tulsa Engineering Foundation and member organizations. Your evaluation is needed as part of the application process. The student has authorized you to release any information you feel would be helpful in reviewing his/her application. Your cooperation in providing this information is important to the selection of award recipients. To insure confidentiality, please return this form to the student in a sealed envelope with your signature across the seal. Please make a statement describing the applicant’s character, school and community leadership abilities, potential to succeed, and evidence of the student’s strengths and weaknesses, not to exceed one page in length. Please include any financial need you are aware of. If you are using your letterhead, be sure to include your relationship to the applicant and the length of time you have been acquainted.

I am writing this evaluation on behalf of:

Student’s Name: __________________________________________________________

Evaluator’s Name: ______________________ Telephone Number: (____)_____-______

Address: ________________________________ (Street or PO Box) City State Zip

Relationship to applicant: ________________ How long have you known applicant? __________

An evaluation received with a broken seal will be rejected. Please be sure to seal and sign the envelope and return to applicant in order that it may be included along with the application packet. Remember - parents, and immediate family members are not eligible to write the evaluation. We ask this Letter of Recommendation be computer prepared or hand printed.
The Bridge Builder

An old man going a lone highway,
Came, at the evening cold and gray,
To a chasm vast and deep and wide.
Through which was flowing a sullen tide,
The old man crossed in the twilight dim,
The sullen stream had no fears for him;
But he turned when safe on the other side
And build a bridge to span the tide.

"Old man," said a fellow pilgrim near,
"You are wasting your strength with building here;
Your journey will end with the ending day,
You never again will pass this way;
You have crossed the chasm, deep and wide,
Why build you this bridge at the evening tide?"

The builder lifted his old gray head;
"Good friend, in the path I have come," he said,
"There followed after me to-day
A youth whose feet must pass this way,
This chasm that has been as naught to me
To that fair-haired youth may a pitfall be;
He, too, must cross in the twilight dim;
Good friend, I am building the bridge for him!"

by Will Allen Dromgoole


The Bridge Builder Endowed Engineering Scholarship Fund was established by the members of the Engineers Society of Tulsa and members of the Tulsa Engineering Foundation. They are dedicated professionals that are helping our youth with much needed scholarships - an opportunity to pay back to the profession that has been so generous in making better lives for us all.

Other scholarships may be awarded by:
The Oklahoma Society of Professional Engineers – Tulsa Chapter
The American Society of Civil Engineers –Tulsa Branch to a student majoring in Civil Engineering or Civil Engineering Technology
The American Public Works Association NE Branch to a student majoring in Engineering, Biological Sciences, or Physical Sciences and have the desire to work in the Public Works field.

Scholarship awards range from $1000 to $2,000.