



# THE SNEAD INSTITUTE

## The Ned Snead Memorial Scholarship Fund For Innovation and Engineering Application

Edwin deSteiguer "Ned" Snead (1929-2015) graduated from Texas A&M University in 1951 with a degree in mechanical engineering. Over the course of his career he obtained 26 patents for inventions in the rail industry. He had three daughters, and although he tried very hard to get them to study engineering, at that time it was unusual for women to enter the field. Now that it has become commonplace for women to excel in engineering, his daughters would like to honor his memory by encouraging female high school students who show promise in this challenging course of study by granting two scholarships of \$2,500 each for the 2022-2023 collegiate school year.

An applicant must be a female high school senior who plans to study engineering and who has been accepted and enrolled in an accredited college or university for 2022. She must have completed the STEM, mathematics, or science track at GHS, EVHS, or Richarte. We will also consider students applying from other Texas high schools. Preference will be given to students who demonstrate some financial need.

Upon completion of the first year of college, recipients may re-apply for the scholarship for 3 subsequent years by submitting an official transcript showing a minimum course load of 12 hours of credit per semester successfully completed towards an engineering degree and a GPA of at least 3.0 (of 4.0).

Please submit your application as a single PDF file to [scholarships@chisholm-trail.org](mailto:scholarships@chisholm-trail.org) by May 16th to be considered. You will be notified by June 3rd of your scholarship award status.

**General Eligibility:** Applicants must meet all of the following criteria.

- A female high school senior planning a science/engineering course of study
- Has participated in electives or after-school activities demonstrating commitment to pursuing an engineering curriculum
- Has been accepted and enrolled in an accredited college or university for the upcoming year
- Must have a minimum 2.5 GPA in high school
- Must submit at least one letter of recommendation from a teacher (or teachers) who can evaluate the student's writing and speaking abilities
- Must submit a 600 word essay (approved essay topics listed in application)
- Attach an official high school transcript

**Personal Information:**

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

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

Phone # \_\_\_\_\_ Other phone # \_\_\_\_\_

E-mail: \_\_\_\_\_

Date of birth: \_\_\_\_\_

**Academic information:**

High school: \_\_\_\_\_

Planned course of study and area of interest: \_\_\_\_\_

Colleges and universities to which applicant has been accepted: \_\_\_\_\_  
\_\_\_\_\_

**Family information:**

Father employed by: \_\_\_\_\_

Father's approximate annual income: \_\_\_\_\_

Father's highest level of education: \_\_\_\_\_

Mother employed by: \_\_\_\_\_

Mother's approximate annual income: \_\_\_\_\_

Mother's highest level of education: \_\_\_\_\_

Number of children in family: \_\_\_\_\_

**Extracurricular activities:** Please include sports, clubs, community service, employment, awards and honors, etc. Use an additional page if necessary.

\_\_\_\_\_  
\_\_\_\_\_

**Transcript:** Please attach your official high school transcript when submitting this application. Please black out or remove your social security number.

**Letter of Recommendation:** Please submit a letter of recommendation from at least one teacher of science, mathematics, or pre-engineering.

**Essay:** Please submit a typed written 600-word essay with your application answering one of the following essay prompts. Essays are heavily weighted in our consideration process, so please make sure to write grammatically and thoughtfully. As you compose your essay, consider elaborating on any specific hardships you have overcome, which have inspired your interest in the field and/or would be aided by a degree in your chosen field.

1. Please explain what experiences you've had that have motivated you to pursue a degree in engineering. What are your short-term/long-term goals in pursuing an engineering degree?
2. What is the role of science & technology in making the world a better place?
3. What ways can science be taught to remain relevant and be comprehensible to non-scientists?

**Other Scholarships Awarded:**

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**Verification:** I hereby certify that all the information in this application is correct to the best of my knowledge. I understand that an incomplete application will not be considered.

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

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

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

To be completed by Counselor/Registrar:

GPA \_\_\_\_\_ Class Rank \_\_\_\_\_

Overall Estimate of Counselor as to this Student's Chance of Success in College:

Excellent \_\_\_ Good \_\_\_ Fair \_\_\_ Poor \_\_\_

Counselor/Registrar Initial \_\_\_\_\_ Date \_\_\_\_\_