

# H.I. and Aline V. Soden Memorial STEM Scholarship

**Purpose of this Scholarship:**

This is a \$1500 merit-based scholarship awarded to one graduating senior who intends to pursue a degree in the academic areas of Science, Technology, Engineering, or Math (STEM). Only graduating seniors from any high school in Stafford County, Kansas are eligible to apply. The purpose of this scholarship is to help further the education of students who have demonstrated outstanding knowledge, interest, and abilities in the areas of science, technology, engineering, or math and a willingness to use these abilities to pursue a creative and successful career. One scholarship will be awarded each year. The winner will receive a check for \$1500.

**Deadline for submission is April 15 of the student's graduation year.**

**All applicants must meet the following requirements:**

Be a senior attending any high school in Stafford County, Kansas.

Have at least a 3.0 grade point average (on a 4.0 point scale).

Be a good member of your community.

Plan to pursue a science, technology, engineering, and math degree at Kansas State University, Kansas University, or Fort Hays State University (a degree in Aerospace Engineering at Wichita State University will also be considered). Applicants who plan to attend a community college, in a pre-STEM curriculum, before transferring to a four year college/university, are also welcome to apply.

**Scholarship Application Instructions:**

Complete each of the items on the scholarship application, which starts on the next page. Sign and date item 9 (**Signature and Affirmation**) and include that page with your application. Send the entire package to the following address with a postmark no later than the April 15.

If you have questions, feel free to contact me.

**Jerry M. Soden**  
**52 Perdiz Canyon Rd**  
**Placitas, NM 87043**  
**cjhomecc09@comcast.net**  
**(505) 867-3872**

# **H.I. and Aline V. Soden Memorial STEM Scholarship Application**

## **1. Provide the following personal information.**

Full name:

Address:

E-mail address:

Parent or Legal Guardian's name:

Parent or Legal Guardian's E-mail:

Parent or Legal Guardian's telephone number:

## **2. Enclose an official transcript from your high school.**

## **3. List the major high school and community activities you have been involved in. Include such things as memberships, offices held, and honors or awards you have received.**

## **4. Describe the activities or projects involving science, technology, engineering, or math that you have accomplished as part of your high school studies as well as those you have undertaken on your own.**

## **6. List the STEM major you plan to pursue, the elective courses you plan to take, and the university you plan to attend.**

## **7. Briefly describe your goals and aspirations after you graduate from college.**

## **8. Write an essay according to the following directions and enclose it with this application**

As you prepare to graduate high school and attend college, reflect on the values and experiences that have shaped your character and prepared you to make a contribution to society. In what ways do you believe being a member of your community and attending high school have prepared you for success? Consider the following elements in your essay: Your preparation for the academic rigor of college, your understanding of and appreciation for diversity in our multi-cultural society, and your academic and career aspirations.

## **9. Write an essay according to the following directions and enclose it with this application.**

Assume that you have completed your STEM education and are considering how you want to use your education during your life. Describe how you would like to use your knowledge of science, technology, engineering, or math to accomplish personal career goals or solve interesting and challenging problems. Describe your ideal place of employment (company or self-employment) and work situation environment. Importantly, as part of this essay, select a specific challenge that you think you may encounter in your employment, describe it, and explain how you would investigate

and successfully solve it in a professional manner using critical thinking and reasoning skills. For example, suppose you must find a new method to utilize renewable or sustainable energy to generate electricity that can replace conventional coal or natural gas fueled power generation plants. This essay will be judged on a number of factors, including but not limited to originality, creativity, and effectiveness of the efforts you describe. The essay must be well written, including the use of clear and correct grammar but does not have to be footnoted or referenced.

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#### **10. Signature and Affirmation**

By signing and submitting this application, the applicant affirms that all the information provided in this application is true. The applicant also affirms that the check for \$1500 will be set aside and used only for expenses at Kansas State University, Kansas University, Fort Hays State University, or Wichita State University (Aerospace Engineering) that are directly related to his/her formal education, such as tuition, fees and books.

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Signature of Applicant

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Date