**SHADOW PROGRAM**

**FOR**

**PROSPECTIVE CHEMICAL ENGINEERS**

SPONSORED BY

THE SUSQUEHANNA LOCAL SECTION OF THE

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)

AND SUSQUEHANNA VALLEY COMPANIES

**OBJECTIVE OF PROGRAM:**

To allow interested high school students to observe chemical engineers in the workplace and gain a better understanding of the field of chemical engineering.

**VISITS TO COMPANIES:**

***Visits will take place in the Spring (March, April) of 2025***. Visits will be arranged by a host chemical engineer of the company to be visited. Visits will typically last a half day.

**QUALIFICATIONS:**

Only high school students ***seriously interested*** in pursuing a career in chemical engineering should apply. Students should be preparing to attend college and have ***excelled in mathematics and science***.

Completing the application ***does not guarantee a visit***. Selections will be made by AIChE and the local companies and will depend on demand, availability, and student qualifications.

**APPLYING TO PROGRAM:**

1) ***PLEASE FOLLOW DIRECTIONS. INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.***

2) Discuss the program with your guidance counselor or teacher.

3) If you are interested in applying for the program, please fill out the ***student section*** of the application. Then give the application to your teacher or counselor to complete the ***teacher section*** of the application.

4) The ***teacher or counselor must mail or email (scanned copy) the applications to the address given below.***

5) ***Deadline for applications:*** ***January 31, 2025.***

***Teachers or Counselors*** must return applications by mail or email a scanned copy to:

Charles S. Merris Jr., P.E.

328 North Homestead Drive

Landisville, PA 17538

cmerris@msn.com

**QUESTIONS**: Contact Charles Merris at (717)951-7906 (text or call) or cmerris@msn.com. Texting is preferred.

**AIChE SHADOW APPLICATION FORM (STUDENT)**

# *APPLICATION DEADLINE: January 31, 2025*

STUDENT SECTION OF APPLICATION

Student's Name:

Email Mobile Number

Home Address:

High School: Grade:

High School Address:

County:

Please check the company listed below that you prefer to visit. Also list a second choice. If you do not have a preference, check "no preference".

Armstrong Hershey Foods

 No Preference

Why are you considering chemical engineering as a career?

How did you first learn about the field of chemical engineering?

Have you read anything about chemical engineering? If yes, where did you read about it?

What do you hope to gain from shadowing chemical engineers?

What other careers are you considering?

What are your favorite subjects at school?

**AIChE SHADOW APPLICATION FORM (TEACHER/COUNSELOR)**

# *APPLICATION DEADLINE: JANUARY 31, 2025*

TEACHER/COUNSELOR SECTION OF APPLICATION

***Please Note:*** ***All sections of the application must be completed or the application will not be considered. DO NOT use a generic recommendation form. GPA, class rank, and academic ability rankings must be included.***

Teacher or Counselor recommending student:

Teacher's contact information: email School Number

Mobile Number

High School and Address:

Student's Name:

Grade Point Average (4.0 = max): Rank in Class and Class Size:

SAT Math Score (PSAT acceptable if SAT not taken yet):

Please rank the student's academic ability in the table below:

Area Below Average Top 50 % Top 25 % Top 10 % Top 5 %

Math

Science

Chemistry

What advanced science and math classes has the student completed or is currently taking:

This student applied to our shadow program last year and did not get to participate in a shadow visit:

Do you feel this student is seriously considering chemical engineering as a career? Explain.

Please return this section of the application  ***with the student section and mail or email a scanned copy to*:**

Charles S. Merris Jr., P.E.

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Landisville, PA 17538

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