

**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:

<u>Area</u>	<u>Below Average</u>	<u>Top 50 %</u>	<u>Top 25 %</u>	<u>Top 10 %</u>	<u>Top 5 %</u>
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:**

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328 North Homestead Drive  
Landisville, PA 17538  
cmerris@msn.com