

CHOOSE A PATHWAY. TRANSFORM YOUR FUTURE.



CATALYST RECRUITMENT GUIDE 2022-2023

CATALYST

*PROGRAM



*A collaborative partnership of Angleton ISD, Brazosport ISD, Columbia Brazoria ISD, Sweeny ISD & Brazosport College

Brazosport College
School & College Partnerships
brazosport.edu/catalyst

WHAT IS THE CATALYST PROGRAM



The Catalyst program offers guided career pathways in high-wage, in-demand fields. It aims to transform the lives of students, so they can transform their communities. This three-year, cohort-based program is designed to increase student success by accelerating their education as they earn an associate degree one year after high school graduation. The Catalyst program provides intentional, engaging leadership development and career readiness opportunities to expand access into these pathways.

There are currently two pathways for students to choose: Chemical Technology-Process Operations and Instrumentation Technology. These career paths can work in a variety of environments, including chemical and refinery plants, manufacturing plants and more.



WHAT IS CHEMICAL TECHNOLOGY-PROCESS OPERATIONS?

Process Technology is the study of the operations of the chemical processing industry. Process technicians or operators must understand the process of their work environment (i.e., chemical plants, refineries, etc.) and the products produced there from start to finish. Technicians or operators use instruments to gather pertinent information about the function of the processing plant, including pressure, temperature, and flow rates. Their job is to ensure that their plants are operating effectively and efficiently by monitoring processes. In this career field, operators may work indoors or outdoors depending on the job and the industry of the processing plant. A typical operator schedule is rotating shift work through weekends and holidays.

WHAT IS INSTRUMENTATION TECHNOLOGY?

Instrumentation Technology is the study of the machinery of a processing plant. Instrumentation technicians should understand the installation and maintenance of the devices within a processing plant. The common devices instrumentation technicians work with measure pressure, temperature, level, and flow of the products being manufactured. Instrumentation technicians are responsible for troubleshooting issues when the devices are not running properly and work to solve the problem. Like process technology, in this career field, instrumentation technicians may work indoors or outdoors depending on the job and the industry of the processing plant.

WHO IS ELIGIBLE FOR THE CATALYST PROGRAM?

- Students at a partner ISD (AISD, BISD, CBISD, or SISD)
- Apply as a 10th grader (accepted students start the program in their Junior year)
- Must meet college readiness standards in English/ Language Arts/Reading through the TSI or applicable exemption or waiver."

BENEFITS OF THE CATALYST PROGRAM

The Catalyst program is focused on meeting Brazosport College's high standards of academia through dynamic curriculum that meets the needs and expectations of the industry and community. To continue in the Catalyst program, students must maintain minimum academic standards each year.

The Catalyst Program is of no cost to students and offers a variety of benefits to its enrolled students, including:

- Equivalent to a \$15,000 scholarship
- FREE books and class materials
- Cohort-model for increased success
- Leadership and career readiness development
- Partnerships with industry career partners
- End-of-year celebrations and promotion ceremonies

WHO ARE WE LOOKING FOR?

STUDENTS WHO:

- ✱ have a mechanic interest or aptitude.
- ✱ like to problem solve.
- ✱ like to work with their hands.
- ✱ work well on a team.
- ✱ are hard working and motivated.
- ✱ may not have a college plan or think college is not for them.
- ✱ have a high school GPA of 2.5 or above.



HOW TO NOMINATE STUDENTS:

- Visit brazosport.edu/catalystnominate
- Have the following information ready to submit on the form:
 - Student Name (First and Last)
 - Student High School
 - Student Email
 - Your Name
 - Your Email
 - Your Role/Relationship to student
 - Brief description of why you are nominating this student (100 words or less)

**Nominated students will be added to our program contact list, We will send them Catalyst program information including how to apply.*



IMPORTANT CATALYST DATES

Event	Date	Time	Location
Catalyst Nominations Open	September 27, 2022		brazosport.edu/catalystnominate
Catalyst Campus Visits			
Angleton High School			
Brazosport High School	November 3, 2022	All Day	English II Classes
Brazoswood High School			
Columbia High School			
Sweeny High School	November 9, 2022	All Day	World History Classes
Catalyst Open House	January 12, 2023	5:30-7:30pm	BASF Building (Brazosport College)
Catalyst Applications Open	January 12, 2023		brazosport.edu/catalyst
Catalyst Applications Close	February 28, 2023		
Catalyst Interview Night	March 8, 2023	5:30-8:00pm	Gator Hall (Brazosport College)
Catalyst Selections	March-April 2023		
Catalyst Acceptance Packets Sent	April 12, 2023		
Catalyst Family Meeting	April 19, 2023	6:00-7:30pm	Gator Hall (Brazosport College)
Catalyst Signing and Promotion Day	May 17, 2023	6:00-8:00pm	Clarion (Brazosport College)

FOR MORE INFORMATION

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Call: 979-230-3431

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**QR code will link to our website*



CATALYST

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Brazosport College
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SWEENEY
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