



HASTINGS H S
P-TECH Renewal Application
2020-2021

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Background

District Affiliation

ALIEF ISD

CD #: 101903

Region: 04

Mailing Address (Line 1): P O BOX 68

Mailing Address (Line 2):

City, State, Zip: ALIEF, TX 77411

School Affiliation

HASTINGS H S

CDC #: 101-903-001

Region:

Mailing Address (Line 1): 4410 COOK RD

Mailing Address (Line 2):

City, State, Zip: HOUSTON, TX 77072

Academy Information

What is the academy name?

Alief Life Sciences Innovative Academy

Which model does the district intend to implement at this time? Within these models, there are variations.

School-Within-School (SWS) - A subset of students on the campus are enrolled in grades 9-12 are enrolled in the academy.

Grade Levels Served

What grade level(s) will your academy plan to serve in the 2020-2021 school year?

9
10
11
12

Enter the number of students that you plan to serve in 9th grade.

60

Enter the number of students that you plan to serve in 10th grade.

40

Enter the number of students that you plan to serve in 11th grade.

60

Enter the number of students that you plan to serve in 12th grade.

50

Contacts

Applicant

Applicant 1

Job Title

Dean of Innovative Academies

Name Prefix

Mrs.

First Name

Denise

Last Name

Fulbright

Email

Denise.Fulbright@aliefisd.net

Phone

281-498-8110

Principal

Principal 1

Name Prefix

Mrs.

First Name

Denise

Last Name

Fulbright

Email

Denise.Fulbright@aliefisd.net

Phone

281-498-8110

Superintendent

Superintendent 1

Name Prefix

Mr.

First Name

HD

Last Name

Chambers

Email

HD.Chambers@aliefisd.net

Phone

281-498-8110

Narratives

Current Designations at ALIEF ISD:

- HASTINGS H S - P-TECH - 1516
- ALIEF EARLY COLLEGE H S - ECHS - 0910

Previous Planning Year Applications at ALIEF ISD:

Narratives

The majority of the following questions will be narrative response. Narrative responses are limited to a maximum of 250 words. We recommend writing your responses in a text-editing software such as Microsoft Word and then pasting your responses into the website when they are complete. Progress to the next section when you are ready.

Narratives: Degrees and Credentials

Degrees and Credentials

Select the Career Cluster(s) that your academy plans to offer in 2021-2022.

Architecture & Construction

Health Science

Select the Program(s) of Study your academy plans to offer in 2021-2022.

Construction Management and Inspection

Select the Program(s) of Study your academy plans to offer in 2021-2022.

Health Informatics

Which of the following credential(s) does the academy plan to offer students in 2021-2022 school year?

AD

PSC

IC

What associate degree(s) does the academy plan to offer?

Item

Construction Technology

What level 1 postsecondary certificate(s) provided by an IHE does the academy plan to offer?

Item

Construction Helper

What industry certifications does the academy plan to offer?

Item

Certified Pharmacy Technician

Does the IHE partner currently have an articulation agreement with a four-year IHE detailing how a student's associate degree and accrued credits could lead to a baccalaureate degree?

Yes

Provide the university name that your IHE partner has an articulation agreement with and the bachelor degree that students could earn using their associate degree and accrued credits. Each row represents a degree.

2-Year Degree	University	4-Year Degree
Associate of Applied Science	University of Houston Downtown	Bachelor of Applied Arts and Sciences

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner, Business Partners: Hiring Priority

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Walgreens

Job Title

District Manager of Pharmacy and Retail Operations

Name Prefix

Mr.

First Name

John

Last Name

Smith

Email

john.f.smith@walgreens.com

Phone

361-537-7429

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Clear roles and responsibilities for work site supervisors, mentors, teachers, support personnel, and other partners.

We currently have cohorts of students in grades 9-11. LSIA 9th grade students are focused on learning about the work involved with their specific pathway by building an awareness of the variety of careers available and the role of post-secondary education. Students can articulate the type of post-secondary education and training required in the career field and its importance to success in that field. Experiences are designed to broaden student interests, student options and will include one-on-one time interaction with a partner(s). In past experiences, our Pharmacy Technician students have been able to participate in guest speaker presentations given by Walgreens and West Houston Hospital pharmacists/ Pharm. techs in regards to the day to day job experience. Due to the age of students, there are restrictions for "on site" activities. Students engaged in hands on experiences when Walgreens conduct "reverse internships" by bringing the hand's on activities to our school and creating "simulation lab stations." For example, students were able to learn about Sig Codes, counting medication/ pills, labeling prescription bottles, and reading prescriptions. For the Construction Technology pathway- students were able to participate in guest speaker presentations, given by UpSkill Houston. Oftentimes, students' knowledge of jobs related to the construction field is very limited. However, their scope of knowledge and interests are broadened after hearing and seeing real world examples of the wide range of jobs within the construction field. Due to age and safety restrictions, students are limited to hands on experiences at job sites.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Support for students' activities, such a clubs, Career and Technical Student Organizations, competitions, and special invitations.

Walgreens is committed to provide our students with a variety of activities. Our Life Sciences Innovative Academy Pharmacy Tech students in grades 9th-11th are unable to participate in on-site activities within a pharmacy due to safety and age restrictions. However, Walgreens accommodates our students by bringing hands-on, simulation-type experiences to our students where they have access to supplies, equipment and interactions with Walgreens Pharmacists and Pharmacy Technicians. UpSkill Houston has endless connections with many Houston Businesses and Industries. Through UpSkill Houston, our Construction Technology students receive information regarding outreach events and competitions.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Student access to business and industry partners and work-based learning facilities, services, and resources.

Next year, Walgreens will be providing our first cohort of 12th grade LSIA Pharmacy Technician students with their on site-rotation experiences, which is part to their senior level practicum course. Each of our students will be assigned to a Walgreens location where they will participate within the Pharmacy setting to obtain required hands-on hours needed to take and pass the Pharmacy Technician Certification Exam by the end of their 12th grade year. In regards to our 12th grade Construction Technology students, they will participate in Mock Interview sessions with Turner and Townsend (who works with UpSkill Houston) in order to provide our students on the spot feedback and strategies to prepare for the interview process.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Transportation fees and costs.

Any events, activities, supplies, etc., that the Life Sciences Innovative Academy students participate in or utilize are donated to our students. Students are not responsible for any costs, Transportation to and from events is provided by the Alief ISD transportation department.

Strategic Partnerships: IHE

The P-TECH shall have strategic partnerships with business and industry partners and IHEs that are formally articulated in writing and clearly define a variety of careers.

IHE Partner 1

Affiliation

Houston Community College

Name Prefix

Dr.

First Name

Catherine

Last Name

O'Brien

Email

catherine.obrien2@hccs.edu

Phone

713-718-2383

Job Title

Associate Vice Chancellor of College Readiness

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirement: Curriculum alignment and courses of study, which enables a student to combine high school courses and college-level courses to earn either an associate degree, postsecondary certificate provided by an IHE, or industry certification.

The IHE articulation we have established with Houston Community College provides a blended curriculum with high levels of rigor, acceleration, and support. Dual-credit courses are available in the two pathways of study for our Life Sciences Innovative Academy students who have achieved required scores on college placement exams for courses included in the degree plan. Our highest grade level of students in both pathways are currently 11th graders who are working towards earning all required courses to meet high school graduation as well as requirements to receive an Associate's Degree and/or Core Complete hours through HCC. Additionally, the LSIA students will have the opportunity to receive either a Pharmacy Technician certification or Construction Helper certification by the end of

their 12th grade year.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Policies for: 1) advising students on the transferability of all college credit offered and earned, 2) ensuring the IHE transcripts college credit earned through dual credit in the same semester that credit is earned, 3) advising students as to the transferability and applicability to baccalaureate degree plans for all college credit offered and earned (college credits earned during high school should allow students to progress from an associate degree to a bachelor's degree and beyond in their chosen field), 4) students accessing the IHE facilities, services and resources

During the school year, our designated HCC Liaison and the Life Sciences Innovative Academy Counselor meet with our students to share and discuss which of the HCC Dual Credit courses they take will transfer to other public colleges and /or universities within Texas and how students can continue their post-secondary education once they graduate with their specific Associates Degree. The LSIA students are given a tour of HCC campus they will attend prior to first day of class. Detailed verbal explanations and step by step modeling are provided to students on how to access services and resources at the facility, as well as online resources. Students are allowed access to activities held on HCC campus if they occur during the time they are attending class. Alief provides staffing (paraprofessional) who reports to and remains on HCC campus while LSIA students attend classes. She works collaboratively with HCC Instructors and Alief Dean of Innovative Academies to communicate students' needs and provides daily support. The LSIA Counselor works with the HCC Liaison and the Alief registrar to ensure that students' transcripts accurately reflect credits earned per semester.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Transportation costs and fees including provisions for discontinuing operation while ensuring students previously enrolled will have opportunity to complete their course of study.

Alief Life Sciences Innovative Academy students are provided transportation to and from HCC Campus by Alief ISD buses. Any student costs related to HCC courses (tuition, textbooks, supplies needed for classes, interventions (academic and/or TSIA preparation), and tests are all covered. Students are not responsible for any of these costs mentioned.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Data sharing agreement that includes provisions for teacher data such as qualifications and student level data such as credit hours taken and earned, GPA, formative data to assess if student is on track for college readiness

The Alief Life Sciences Innovative Academy students begin TSI testing and TSI interventions during their 9th grade year. Our LSIA Counselor is trained to facilitate the test on our campus. TSI data is recorded and tracked by LSIA Counselor and Dean of Innovative Academies. Students are required to attend targeted TSI tutorials after school, with teachers who have been trained in supporting students and preparing them to master college readiness skills. In addition, the LSIA counselor, Dean of Innovative Academies, and LSIA teachers participate in ongoing conversations to discuss student data, student needs, and student supports. The IHE / HCC Liaison collaboratively works with the Dean of IA and the LSIA Counselor to review and share information pertaining to college credits attempted and earned, TSI scores and student progress in meeting degree and core complete requirements.

Business Partners: Hiring Priority

List the business partner(s) that have an agreement with the district that students completing the P-TECH/ICIA program and otherwise meet hiring requirements have priority interviewing with the employer.

Business Partner

Walgreens

Narratives: Regional Workforce Alignment, Work-Based Learning

Work-Based Learning

Add up to three activities offered to 9th grade students.

9th Grade Activities

Industry Guest Speaker Presentation

Reverse Internships (hands on experience provided to students on campus by industry)

Add up to three activities offered to 10th grade students.

10th Grade Activities

Industry Guest Speaker Presentations

Competitions related to industry

Add up to three activities offered to 11th grade students.

11th Grade Activities

Industry Guest Speakers

Soft Skills Training Sessions/ Strategies

11th Grade Activities

Add up to three activities offered to 12th grade students.

12th Grade Activities

Senior Level Practicum - Pharmacy Technician rotations at assigned Pharmacy

Mock Interview sessions

Regional Workforce Alignment

List the regional high-demand occupations your academy intends to address through selected program(s) of study and work-based learning.

Regional High-Demand Occupation

Pharmacy Technician

Construction Management Technology

Narratives: Advanced Academics

Advanced Academics

Select the type of advanced courses (dual credit/AP/IB) your campus plans to offer students in 2021-2022.

DC

AP

What type of dual credit courses does your campus plan to offer?

WECM

AGCM

Describe any challenges in ensuring your academy has educators with qualification to teach dual credit. What steps did your academy take to address the need?

The Alief Life Sciences Innovative Academy currently has 9th - 11th graders in both pathways. Due to the fact that we have not yet had a senior level cohort, we have been challenged with ensuring that the Dual Credit courses students will need to take next year are staffed with a qualified embedded dual credit instructor who has met HCC credentialing requirements. The LSIA leadership has met and will continue to meet with our IHE in order to follow up on current Hastings High School (we are a school within in school) staff members that are undergoing the credentialing process. In the event that we are lacking an embedded dual credit instructor, we have communicated our possible needs of having an HCC instructor provided to us.

Is the academy a TSIA testing site?

Yes

Narratives: Student Support

Student Support

Provide examples of how the campus plans to provide students with academic services. List activities and brief descriptions of the activities. Add a new row for each provided service.

Activity	Description
Academic Tutorials	Content focused tutorials on Monday, Tuesday, Thursday, and Friday- 2:40-4:30 PM
TSI Tutorials/Interventions	TSI tutorials with TSI trained staff to target TSI area of need based on data
Summer Bridge	Summer Program to bridge transition from 8th grade to new 9th grade LSIA culture
LSIA Counselor Check-ins	Counselor meets individually with each student every 3 weeks to review academic, social /emotional status

Provide examples of how the campus plans to provide students with wrap-around services. List activities and brief descriptions of the activities. Add a new row for each wrap-around service.

Activity	Description
Energy Day	Volunteer Activity
Family Engagement Center Activities	Events for students and families to: socialize and learn

Family U Conference Activity	Volunteer Activity and/or Attend Family workshops Description
Alief STEM Competitions	Participation Activity
Alief STEM Day of Design	Participation or Volunteer Activity
College Night	Student and Parent Participation Activity
Financial Aide and FAFSA Night	Student and Parent Participation Activity

How does your academy use the access, achievement, and attainment data for program improvement?

Students and parents are provided with various opportunities throughout the year in which they are able to volunteer and/or attend and participate in. Students and families are strongly encouraged to invest in the growth and improvement of our community by giving back. We've found that parents tend to slowly fade away when it comes to parental involvement, and we counteract this by emphasizing the importance of parental engagement until the last day of their 12th grade year. The activities and events that are provided to parents and students allow them to expand their knowledge on: post-secondary options, financial assistance, available resources to support their student (academically and socially/emotionally) and themselves (parent educational sessions/ trainings.) Additionally, we ask for students and parents to provide feedback regarding their experiences: what was successful/ meaningful, what are suggestions for modifications/improvement. This data is used during the reflection and continuous improvement process as we plan for the next year.

Narratives: Leadership Team

Leadership Team

List the Leadership Team's three priorities for the next year and describe how the selected priority contributes to the academy's success. Each priority should be a benchmark from the ECHS/T-STEM/P-TECH Blueprint.

Benchmark	Description
Benchmark 2- Target Population	Reflect on, modify and improve recruiting process to ensure that we are reaching out to all students/parents so that we fulfill P-Tech OBMs.
Benchmark 3- Strategic Alliances	Work to clearly define a timeline of commitments that the business and industry partners will provide to our LSIA students.
Benchmark 5- Work Based Learning	Establish and finalize the work-based learning aspects, differentiated by grade level 9th-12th and by career pathway

Narratives: Benchmark 1 Products, Benchmark 2 Products, Benchmark 3 Products, Benchmark 4 Products, Benchmark 5 Products, Benchmark 6 Products, Benchmark Products

Benchmark Products

Benchmark 1 Products

Provide a link to the academy's mentor/induction program plans.

<https://drive.google.com/drive/folders/1MM8xawgPpwXNDgIPK2CK4rNc8ksTO3O4>

Provide a link to the academy's annual training or professional development plan with the academy and IHE faculty

<https://drive.google.com/drive/folders/1MM8xawgPpwXNDgIPK2CK4rNc8ksTO3O4>

Provide a link to the academy's leadership meeting agendas and notes.

<https://drive.google.com/drive/folders/1MM8xawgPpwXNDgIPK2CK4rNc8ksTO3O4>

Benchmark 2 Products

Provide a link to the academy's written admission policy and enrollment application

https://drive.google.com/drive/folders/1d7_cybTfnLujUuZpVlzcO5_Le-YELPmh

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other

appropriate locations in the community.

https://drive.google.com/drive/folders/1d7_cybTfnLujUuZpVlzcO5_Le-YELPmh

Provide a link to the academy's brochures and marketing in Spanish, English, and/or other relevant languages.

https://drive.google.com/drive/folders/1d7_cybTfnLujUuZpVlzcO5_Le-YELPmh

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community.

https://drive.google.com/drive/folders/1d7_cybTfnLujUuZpVlzcO5_Le-YELPmh

Benchmark 3 Products

Provide a link to the academy's meeting agendas and minutes, with action items and decision logs.

<https://drive.google.com/drive/folders/1onGgBlv6jsHKYGorXdlXKa-kAeUQ1Roc>

Provide a link to the academy's final, signed, and executed MOU with their industry partner/business.

<https://drive.google.com/drive/folders/1onGgBlv6jsHKYGorXdlXKa-kAeUQ1Roc>

Provide a link to the academy's final, signed, and executed MOU with their IHE

<https://drive.google.com/drive/folders/1onGgBlv6jsHKYGorXdlXKa-kAeUQ1Roc>

Provide a link to the academy's list of strategic partners with each member's organization, title and role in providing work-based learning for students by grade level.

<https://drive.google.com/drive/folders/1onGgBlv6jsHKYGorXdlXKa-kAeUQ1Roc>

Benchmark 4 Products

Provide a link to the academy's four-year crosswalk document

<https://drive.google.com/drive/folders/126hUSjmmQZD51V5mzq6finQRzVwhUjYd>

Provide a link to the academy's master schedule.

<https://drive.google.com/drive/folders/126hUSjmmQZD51V5mzq6finQRzVwhUjYd>

Provide a link to the academy's curriculum alignment documents.

<https://drive.google.com/drive/folders/126hUSjmmQZD51V5mzq6finQRzVwhUjYd>

Provide a link to the academy's testing calendar and schedule for TSI, ACT, SAT or other assessments.

<https://drive.google.com/drive/folders/126hUSjmmQZD51V5mzq6finQRzVwhUjYd>

Provide a link to the academy's documentation detailing a minimum of three course of study examples that outline student pathways from high school, to associate degrees, to work credential and beyond.

<https://drive.google.com/drive/folders/126hUSjmmQZD51V5mzq6finQRzVwhUjYd>

Benchmark 5 Products

Provide a link to the academy's documentation of appropriate work-based learning experiences for students at all grade levels.

<https://drive.google.com/drive/folders/187OubNCwGRkvr9NHcpNrlun0oc6BC-S2>

Provide a link to the academy's current dated regional high demand occupation list.

<https://drive.google.com/drive/folders/187OubNCwGRkvr9NHcpNrlun0oc6BC-S2>

Provide a link to the academy's aggregate data describing student participation in work-based learning experiences as well as percentage of students earning industry certification and credentials by type.

<https://drive.google.com/drive/folders/187OubNCwGRkvr9NHcpNrlun0oc6BC-S2>

Provide a link to the academy's samples of student artifacts such as writing, portfolios, presentations, or links to digital content.

<https://drive.google.com/drive/folders/187OubNCwGRkvr9NHcpNrlun0oc6BC-S2>

Benchmark 6 Products

Provide a link to the academy's bridge program calendar and curricula.

<https://drive.google.com/drive/folders/1Sts2yrGyKHRZ7OdhMSAe3-ue-TP37bIR>

Provide a link the academy's tutoring and other intervention/remediation program schedules,

<https://drive.google.com/drive/folders/1Sts2yrGyKHRZ7OdhMSAe3-ue-TP37bIR>

Provide a link to the academy's calendar of family outreach events.

<https://drive.google.com/drive/folders/1Sts2yrGyKHRZ7OdhMSAe3-ue-TP37bIR>
