



IDEA COLLEGE PREPARATORY ALAMO

T-STEM Renewal Application

2020-2021

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Background

District Affiliation

IDEA PUBLIC SCHOOLS

CD #: 108807

Region: 01

Mailing Address (Line 1): 2115 W PIKE BLVD

Mailing Address (Line 2):

City, State, Zip: WESLACO, TX 78596

School Affiliation

IDEA COLLEGE PREPARATORY ALAMO

CDC #: 108-807-007

Region:

Mailing Address (Line 1): 325 E SH 495

Mailing Address (Line 2):

City, State, Zip: ALAMO, TX 78516

Academy Information

What is the academy name?

IDEA College Preparatory Alamo

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

Stand Alone Academy - All students on the campus are enrolled in the academy.

Grade Levels Served

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

6

7

8

9

10

11

12

Enter the number of students that you plan to serve in 6th grade.

110

Enter the number of students that you plan to serve in 7th grade.

110

Enter the number of students that you plan to serve in 8th grade.

110

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

100

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

100

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

90

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

80

Contacts

Applicant

Applicant 1

Job Title

T-STEM Coordinator

Name Prefix

Mr.

First Name

John

Last Name

Martinez

Email

john.wyatt@ideapublicschools.org

Phone

(956) 588-4005

Principal

Principal 1

Name Prefix

Mrs.

First Name

Mayra

Last Name

Martinez

Email

mayra.martinez@ideapublicschools.org

Phone

(956) 250-3052

Superintendent

Superintendent 1

Name Prefix

Mrs.

First Name

Jo Ann

Last Name

Gama

Email

JoAnn.Gama@ideapublicschools.org

Phone

(956) 463-9407

Narratives

Current Designations at IDEA PUBLIC SCHOOLS:

- IDEA COLLEGE PREPARATORY MISSION - T-STEM - 0809
- IDEA COLLEGE PREPARATORY SAN BENITO - T-STEM - 0809
- IDEA COLLEGE PREPARATORY SAN JUAN - T-STEM - 0910
- IDEA COLLEGE PREPARATORY ALAMO - T-STEM - 1011
- IDEA EDINBURG COLLEGE PREPARATORY - T-STEM - 1718
- IDEA RIVERVIEW COLLEGE PREPARATORY - T-STEM - 1819

Previous Planning Year Applications at IDEA PUBLIC SCHOOLS:

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.

Arts AV Tech & Communication
Health Science
STEM

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

Digital Communications
Graphic Design and Multimedia Arts

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

Bio-Medical Science

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

Biomedical Science
Cybersecurity

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

IC

What industry certifications does the academy plan to offer?

Item

Adobe Certified Associate (ACA) - Illustrator (Graphic Design & Illustration using Adobe Illustrator)

Adobe Certified Associate (ACA) - Photoshop (Visual Design using Adobe Photoshop)

Adobe Certified Associate (ACA) - Premiere Pro (Digital Video using Adobe Premiere Pro)

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?

No

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner

Strategic Partnerships: IHE

IHE Partner 1

Affiliation

The University of Texas Rio Grande Valley

Name Prefix

Mr.

First Name

Michael

Last Name

Aldape

Email

michael.aldape@utrgv.edu

Phone

(956) 882-8960

Job Title

Director of Special Programs

The T-STEM academy shall have strategic partnerships with business and industry partners and Institutions of Higher Education (IHEs) that are formally articulated in writing and clearly define a variety of STEM careers.

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.

Refer to IHE MOU terms and conditions 1-8.

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

Refer to IHE MOU terms and conditions items 1, 2, 3, and 5.

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.

Refer to IHE MOU terms and conditions 1-8.

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

Refer to IHE MOU terms and conditions items 1, 2, 3, and 5.

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Texas Noble Builders

Job Title

Vice President

Name Prefix

Mr.

First Name

Alfredo

Last Name

Garcia

Email

info@nobletx.net

Phone

956-277-0708

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.

Our articulation agreement outlines the responsibilities of each party by providing a full listing of the responsibilities of each organization in regards to the respective support offered to each other as well as the support we request offered to us in order to make sure our partnership is effective and mutually beneficial.

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.

Our Business and Industry partners support our student activities by offering feedback on student artifacts and individual research, provide challenges and opportunities for our students to take part in, as well as offer scholarship opportunities for students through sponsored 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.

Our Business and Industry partners support by offering student learning opportunities such as job shadowing, non-paid internships, externships for students, capstone project help/feedback, and/or opportunities to conduct field work.

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

Our Business and Industry partners either travel to us or we arrange travel to them using school transportation. There are no fees incurred on our students behalf.

Narratives: Regional Workforce Alignment, Work-Based Learning

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

Nursing

Computer Programming

Work-Based Learning

Complete the activity tables below illustrating the work-based learning activities that your academy plans to offer students at each grade level. Please ensure the activities are STEM focused.

Add up to three activities offered to 6th grade students.

6th Grade Activities

College and Career Fair

Texas A&M Kingsville Field Lesson and Tour

Volunteer Service

Add up to three activities offered to 7th grade students.

7th Grade Activities

College and Career Fair

Texas State University College of Engineering Field Lesson and Tour

University of Texas San Antonio Field Lesson and Tour

Add up to three activities offered to 8th grade students.

8th Grade Activities

College and Career Fair

University of Houston Surgery Center Field Lesson and Tour

Museum of Natural Science Field Lesson and Tour

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

9th Grade Activities

College and Career Fair

Saint Mary's University Field Lesson and Tour

Texas Christian University Field Lesson and Tour

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

10th Grade Activities

College and Career Fair

Louisiana State University Field Lesson and Tour

Tulane University Field Lesson and Tour

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

11th Grade Activities

College and Career Fair

College Summer Away Programs

Volunteer Service

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

12th Grade Activities

College and Career Fair

Senior Capstone Project

Student Internships

Narratives: Advanced Academics

Advanced Academics

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

AP

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?

IDEA Public Schools does not currently offer dual credit as part of its campus model, however, the district does provide incentives for teachers to obtain their Master's Degree which would make them qualified to teach dual credit. In addition to offering an additional stipend for teachers who currently have their Master's Degree, they also have a program in place to offer financial aid in pursuing further education.

Is the academy a TSIA testing site?

Yes

Narratives: STEM-Focused Extracurriculars, 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
Intervention/Direct Instruction	Teachers pull out small groups during electives to target and address gaps in reading.
High School Catalyst Period	Students have a period during the day dedicated to receiving tailored instruction in rotations with each of their core classes.
Tutoring	Teachers provide tutoring once a week (at least) after school for students to receive help in subjects they may be struggling in.
Saturday School	Teachers provide additional tutoring at least once a month on a Saturday.
Bridge Programs	The school provides two summer bridge programs. One for incoming sixth graders and one for incoming ninth graders. Each program is designed to ease the transition into the new expectations that come with their grade level as well as building a sense of community and providing fun enrichment activities.

Activity	Description
Through College Coursework	Students have Road To and Through College classes to prepare them for the rigors of college and teach them necessary skills such as financial literacy, the importance of organizing, and time management.
Summer School	We provide opportunities during the summer to enrich their learning, accelerate their progress, or make up opportunities.

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
Counseling Services	Students receive both academic counseling and college counseling. The counseling team works to ensure that students are on track to graduate as well as ensure that students are well prepared to attend the college of their choice once they graduate.
LPC Pull Outs	Positive Action Program through Behavioral Health Solutions. Program provides team building exercises, problem solving skills, and positive behavior management.
Community Service	Students are taught about the importance of community service and then tasked to perform 125 hours of community service throughout their high school career to foster a spirit of giving back within their community.

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

IDEA Alamo College Preparatory is heavily data focused and that helps us to ensure that we are aware of both current and historical data trends. We use these data points in order to guide our actions and realign our goals. As there are new blueprints for access, achievement, and attainment we are currently in the process of fine tuning our programs to meet the new standards but we are keeping in mind current successes while we make the appropriate changes.

STEM-Focused Extracurriculars

Describe the STEM-focused extracurricular activities (field experiences, clubs, and competitions) offered to students.

IDEA Alamo College Preparatory provides many different STEM-focused extracurricular activities. We have our Senior class participate in a Capstone project where they do original research into an area of their own interest, or they join an internship in a field of their choice. We host many after school clubs/organizations that allow our students to experience different aspects of STEM fields, such as robotics, coding, cyber-security, etc. We also participate in Girls Go Cyberstart, a competition aimed at increasing the amount of girls interested in cyber-security fields.

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
Advisory Meetings	We wish to further utilize the expertise of our business and industry partners to prepare our scholars for their career paths.
Community Connections	We wish to align more of our school's partnerships to the local community needs.
Student Leadership	We wish to further develop student's individual leadership abilities to further prepare them for their career paths as well as giving them the skill set to be an advocate for their community.

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Benchmark 2 Products

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Benchmark 3 Products

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Benchmark 4 Products

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Provide a link to the academy's master schedule.

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Benchmark 5 Products

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

Benchmark 6 Products

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>

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

<https://ideapublicschools.org/our-schools/idea-alamo/tstem/>
