



TIMPSON SCHOOL
T-STEM Renewal Application
2020-2021

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Background

District Affiliation

TIMPSON ISD

CD #: 210905

Region: 07

Mailing Address (Line 1): P O DRAWER 370

Mailing Address (Line 2):

City, State, Zip: TIMPSON, TX 75975

School Affiliation

TIMPSON SCHOOL

CDC #: 210-905-001

Region:

Mailing Address (Line 1): P O BOX 370

Mailing Address (Line 2):

City, State, Zip: TIMPSON, TX 75975

Academy Information

What is the academy name?

Timpson Collegiate Center

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.

56

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

47

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

47

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.

50

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

64

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

53

Contacts

Applicant

Applicant 1

Job Title

Director of STEM Education

Name Prefix

Mr.

First Name

Calvin

Last Name

Smith

Email

csmith@timpsonisd.com

Phone

9365584300

Principal

Principal 1

Name Prefix

Mrs.

First Name

Stephanie

Last Name

Behrens

Email

sbehrens@timpsonisd.com

Phone

9365584200

Superintendent

Superintendent 1

Name Prefix

Dr.

First Name

Mid

Last Name

Johnson

Email

mjohnson@timpsonisd.com

Phone

9362542463

Narratives

Current Designations at TIMPSON ISD:

- TIMPSON SCHOOL - T-STEM - 1718

Previous Planning Year Applications at TIMPSON 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.

Agriculture
Architecture & Construction
Arts AV Tech & Communication
Health Science
Hospitality & Tourism
Manufacturing

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

Applied Agricultural Engineering

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

Electrical
HVAC and Sheet Metal

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

Graphic Design and Multimedia Arts

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

Nursing

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

Culinary Arts

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

Welding

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

AD
PSC
PSC2

IC

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

Item

Interdisciplinary Studies/General Studies

Welding Technology

Teacher Education

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

Item

Basic Welding

Certified Nurse Aide/Assistant

Emergency Medical Technician Basic

Heating, Ventilation, and Air Conditioning Technology

Petroleum Technology I

What level 2 postsecondary certificate(s) provided by an IHE does the academy plan to offer?

Item

Welding Technology/Welder

Petroleum Technology/Technician

What industry certifications does the academy plan to offer?

Item

Microsoft Office Expert Word

Certified Pharmacy Technician

America Welding Society Certified Welder

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 |
|---|------------------------------------|--|
| Associates of Welding Technology | Sam Houston State University | BS Agricultural Engineering Technology |
| Associates of Multidisciplinary Studies | Stephen F. Austin State University | BA of Applied Science |
| Associates of Arts in Teaching | Stephen F. Austin State University | BA of Applied Science |

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

Strategic Partnerships: IHE

IHE Partner 1

Affiliation

Panola College

Name Prefix

Dr.

First Name

Billy

Last Name

Adams

Email

badams@panola.edu

Phone

903-693-2028

Job Title

Vice President of Dual Enrollment

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.

Panola College and Timpson ISD will work collectively to provide necessary information to ensure that an effective college course schedule is created and maintained for dual credit. Both entities will meet together prior to February 1st to create a schedule for the next academic year. The IHE will attend any student/parent meeting scheduled by the ISD as requested. The college will offer Dual credit 101 trainings in an effort to assist ISD counselors. The college courses will comply with the THECB and SACS-COC. Each course will adhere to the description and content as defined in the Academic or Workforce education manuals. Dual credit selections will allow students to master the TEKS for the appropriate high school courses. Panola College will offer to Timpson a list of pathways of study and the courses that align to assist in the guidance and counseling of students.

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

1 & 3) Panola College will offer to the ISD counselors the Dual Credit 101 training to assist with the counseling of students. Panola will send to campus of the ISD, advisors prior to the beginning of each semester to enroll students for the upcoming semester. . 2) A student's grade will be transcribed as soon as the completion of the performance for the course according to THECB 4.85 (h) Letter grades will be posted on the college transcript. Final numerical grades will be sent to the ISD representative after all grades have been collected. The ISD transcription may differ for some classes. Before transcripts are released, ISD must send to the college an official high school transcript. The transcript must be after the graduation date and must include the graduation date. 4) The School District is responsible for allowing access to all resources and essential technology. The school district is responsible for making the college aware of any disabilities of a student, so that they may be made. Support services such as academic and

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.

Transportation to college/class will follow district policy. The policy will determine if students will be allowed to drive to the college site or transportation will be provided. Any policy that allows students to drive to Panola will require that student to have a valid parking permit.

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

Panola College and Timpson ISD will exchange student information, grades and any other data as permitted by law for the purpose of encouraging student persistence, assessment of the Dual credit program, and measuring student learning outcomes.

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Portacool

Job Title

HR Director

Name Prefix

Mrs.

First Name

Laurie

Last Name

King

Email

lking@portacool.com

Phone

9365981892

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.

Portacool work site supervisors assist Timpson ISD by serving on the the STEM Advisory Board. Portacool assist in the mapping of skills needed for success in high demand occupations in manufacturingn advanced technology. Timpson teachers are supported by Portacool's willingness to send guest speakers to the classroom and making available tours of the manufacturing plant for teachers experience the workplace. Workers from Portacool, mentor interns as the gain knowledge about the manufacturing business and the technologies need to run a corporation. Portacool is active in every aspect of work based learning for Timpson ISD

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.

Portacool joins with Timpson each year to participate in the annual Mock interviewing process. Students are interviewed and critiqued on the interview process. Portacool frequently holds plant tours for students and workplace jobshadowing for students of Timpson.

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.

Portacool readily provides Career Mentoring, Workplace tours, job shadowing, work experiences, and interships for the students of Timpson. We are underway in developing workplace challenges with the collaboration between Timpson and Portacool.

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

All fees and cost to related to the experiences of the students of Timpson, resides with the ISD.

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

HVAC

Electrical

CNA

Welding

Design and Multimedia

Process Technicians

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

Nepris Activities

Field Trip to Discovery Center- Tyler, Texas

STEM Showcase

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

7th Grade Activities

Nepris Activities

Guest Speakers for various businesses

Portacool Field Trip

STEM Showcase

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

8th Grade Activities

Nepris Activities

Panola Career Readiness Day

Eastman Chemical Field Trip

STEM Showcase

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

9th Grade Activities

Nepris Activities
9th Grade Activities

Stephen F. Austin STEM field Trip

STEM Showcase

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

10th Grade Activities

Nepris Activities

STEM Showcase

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

11th Grade Activities

Career and Job Fair

Mock Interview Fair

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

12th Grade Activities

Career and Job Fair

Panola Career Day

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

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?

It is a great challenge to find qualified teachers that has a masters level degree in areas of need. Math, Science and English is more of a struggle. We have several teachers going back to school to get their masters and will become credentialed through Panola to teach dual credit through the Grow your own grant. We hired a dual credit teacher that adjuncts from Panola for our upper level math courses. We have become a site for college classes to allow our students to take Art classes from the university as they supply the instructor.

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 |
|----------------------------|--|
| After-school Tutoring | Students attend after-school tutorials for assist with need |
| Saturday School | Students assigned to attend if struggling with Dual Credit classes |
| TSI Remediation | Students given boot camps for TSI tested areas |
| Advisory/Mentoring Program | Students have school personnel to advise and grade check |
| TSI Bridges | Summer Bridge program for specific needs |

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 |
|----------|-------------|
|----------|-------------|

| Child Advocacy- Campus Programs Activity | Assist students who may be in harms way Description |
|--|--|
| Lions Club- Contacts | Assist with glasses or eye issues |
| Shelby County Sheriffs Office-guest speakers | Law needs |
| Timpson Food Bank- personal needs | Assistance with meals and food |
| Burk Center- campus programs | Assistance with personal issues |
| Junior Chamber of Commerce | Community services |

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

We track data from 2020 to 2024 (Seniors, Juniors, Sophomores, Freshman, and 8th graders) in Personal profiles for our students. We monitor EOC scores, TSI scores, Pathways of Study, four year crosswalks, and degree and certification tracks in Google docs for easy access. This approach allows us a quick and easy way to determine where we may be lacking areas of the access, achievement, and attainment areas. Each cohort is easily monitored and evaluated. We use the data to determine what areas we need to focus on and share with our Advisory Board and solicit help from individuals in their areas. Timpson ISD is focused on looking at the distinguished areas in each of the categories. We strive to reach the prescribed marks for each of our cohorts, not looking at an average between the cohorts.

STEM-Focused Extracurriculars

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

Timpson ISD has bi-annual STEM showcase each year. Students put on display projects that they have built during their STEM hour for the community to view. Students speak to the purpose of the projects, the issues they encountered, and the solutions that had to be devised to complete the project. Timpson ISD entered its first Robotic competitions in 2019. We had teams compete at the UIL level. We have created Robotics clubs from 6 grade to high school.. Each of those clubs have teams that will be competing for the first time. 8th graders and 12th graders from Timpson attend a Career Awareness day each year with Panola college. Students tour programs of study, participating in activities including; welding, cosmetology, energy, human services, technology, and Arts. A variety of guest speakers from our Advisory Board speak to our students about business and job related skills. Timpson ISD host a Mock interview with as many a 30 local businesses attending to interview our students. Students chose 3 business that interest them to interview. They create a Portfolio, Resume, and gain feedback from the businesses as part of their experience.

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 #5 | Work-based learning opportunities across grade levels |
| Benchmark #6 | Student support with college and career counseling |
| Benchmark #3 | Partnerships for Career Exploration |

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/1AaUGTVhnMNJx7Tip3xUmuEtJoStGiZGs>

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/11Dcmlvopr7z7xT-joW7zMwWGtK6j5kMY>

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

<https://drive.google.com/drive/folders/1cVvQ5aK9g2g3pucSNPPZakf7AnEkrln->

Benchmark 2 Products

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

https://drive.google.com/drive/folders/1Xy4b3b4N8c2HWEDYssvwGmlU_fWNsorQ

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/1k4Y4XFQ1oMD7kzCzVDGzAF1jdg1H5DsB>

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

<https://drive.google.com/drive/folders/1gMVSy8gKjH9bYsjyf-fX-5fgovBBexN>

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/1htAGPZlh_qW7YM49a4lX83NsHWOp2EHo

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/1nEnv2xBotEL8gN8M_l1oAfZAvEYd28Eo

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

https://drive.google.com/drive/folders/1tHuwW3WJxs41lvYGvoJYYOVBNSDKB-_e

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

<https://drive.google.com/drive/folders/1ddgOfepzGpGP-x9Xpprnys6fwaRjvmZa>

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/1pv-dqBKs8QzISHGSuPmfOp1QU-LLti6X>

Benchmark 4 Products

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

https://drive.google.com/drive/folders/1pEj_MZcy_6Q5rWNLwkDAq6wwpTOkboEx

Provide a link to the academy's master schedule.

https://drive.google.com/drive/folders/1ZP_YoOAFn-rmMldhhT3KKSHjFU6ZjpML

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

<https://drive.google.com/drive/folders/1io7UINBMlmswDIRCccfnNtWoxv3DoG8g>

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

<https://drive.google.com/drive/folders/19yjfYpiF7fFgv5CxirZhQXcWftfUTFzK>

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/1io7UINBMlmswDIRCccfnNtWoxv3DoG8g>

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/1G-EAuOtt8XgT66aovcfwpmZCGixE6k68>

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

https://drive.google.com/drive/folders/1aFplGukb_Opxh_oHAwktwYk_Qt_GPyAT

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/1YYsYblms4kejoVQJ5UIzS-_Xbuy_39TZ

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/1KsVtbEqx0Z1lgEuMcD7hE-xif1N3P-6z>

Benchmark 6 Products

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

<https://drive.google.com/drive/folders/1xtg2WD3uMuH7o9bcfWLBz-FYKgh0AtKQ>

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

https://drive.google.com/drive/folders/16RGCL-Hr9pQ32U2OhYllMcaa7D_ilZK7

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

<https://drive.google.com/drive/folders/1fYSUPlIt7suYYOb99gML6UqtCoX8Qg1M>
