



HARMONY SCHOOL OF INNOVATION - GARLAND

T-STEM Renewal Application

2020-2021

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Background

District Affiliation

HARMONY SCIENCE ACAD (WACO)

CD #: 161807

Region: 12

Mailing Address (Line 1): 9321 W SAM HOUSTON PKWAY S

Mailing Address (Line 2):

City, State, Zip: HOUSTON, TX 77099

School Affiliation

HARMONY SCHOOL OF INNOVATION - GARLAND

CDC #: 161-807-006

Region:

Mailing Address (Line 1): 9321 W SAM HOUSTON PKWY S

Mailing Address (Line 2):

City, State, Zip: HOUSTON, TX 77099

Academy Information

What is the academy name?

Harmony School of Innovation Garland

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?

7
8
9
10
11
12

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

120

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

120

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.

70

Contacts

Applicant

Applicant 1

Job Title

Dean of Academics

Name Prefix

Mrs

First Name

Seda

Last Name

Sari

Email

ssari@harmonytx.org

Phone

4698140059

Principal

Principal 1

Name Prefix

Mr.

First Name

Ibrahim

Last Name

Soykan

Email

isoykan@harmonytx.org

Phone

4698140059

Superintendent

Superintendent 1

Name Prefix

Mr.

First Name

Fatih

Last Name

Ay

Email

fay@harmonytx.org

Phone

7133433333

Narratives

Current Designations at HARMONY SCIENCE ACAD (WACO):

- HARMONY SCIENCE ACADEMY - DALLAS - T-STEM - 0607
- HARMONY SCHOOL OF BUSINESS - DALLAS - T-STEM - 1213
- HARMONY SCHOOL OF INNOVATION - GARLAND - T-STEM - 0607
- HARMONY SCIENCE ACADEMY - EULESS - T-STEM - 1314
- HARMONY SCHOOL OF NATURE AND ATHLETICS - DALLAS - T-STEM - 0708
- HARMONY SCHOOL OF INNOVATION - FORT WORTH - T-STEM - 0809
- HARMONY SCIENCE ACADEMY - CARROLLTON - T-STEM - 1314
- HARMONY SCHOOL OF INNOVATION - WACO - T-STEM - 0809

Previous Planning Year Applications at HARMONY SCIENCE ACAD (WACO):

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.

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
Engineering

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

AD
IC

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

Item

Biology

Engineering

What industry certifications does the academy plan to offer?

Item

Autodesk Certified Professional or User (ACU)- Inventor

Autodesk Certified Professional or User in AutoCAD

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

Richland Community College

Name Prefix

Mrs.

First Name

Becky

Last Name

Jones

Email

bjones@dcccd.edu

Phone

9722386246

Job Title

Executive Dean

IHE Partner 2

Affiliation

Richland Community College

Name Prefix

Dr.

First Name

Kathryn

Last Name

Eggleston

Email

keggleston@dcccd.edu

Phone

972-238-6364

Job Title

President

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.

Richland Community Colleges dual credit classes cover most of the core college classes that give students an opportunity to graduate with an associate's degree. We have designed an Associate Degree cohort collaborating with Richland Community College. Through this program, our scholars will be able to earn the following degrees and certificates; Associate Degree of Science, Associate Degree of Art, Associate Degree of Science. You can find the early college course crosswalk in this link: <http://bit.ly/EarlyCollegeHSP>. Scholars also can take dual credit courses out of the cohort even if they don't pursue an associate degree.

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

IHE Blueprint Requirements: Richland dual course credits are transferable to other state colleges and universities in Texas. Our college counselors are in constant communication with the Richland liaison and professors to ensure Richland transcripts college credit earned through dual credit in the same semester that credit is earned. HSI Garland students have access to Richland college advisors and HSI Garland campus college counselors who meet with every student to consult and advise students regarding the path from earning college credits through the dual credit program to the associate's degree to the bachelor's degree. HSI Garland students are able to access Richland library- on-site and online, campus social and sports facilities, Richland advisors, online resources. We have a cross course walk that each dual credit course has corresponded to a high school course. At the end of each semester, we receive numerical grades from the college and we transfer those credits into scholars' high school transcript according to the cross course walk. The cohort and dual credit courses are selected together with Richland Community College with the consideration of UNT and UTD course/credit transfer policy. 4) Before each semester, we take our scholars enrolled in dual credit courses to the Richland Community College for an orientation. At the orientation, they tour the campus, see the library, Math and Writing Lab, and get their College ID.

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.

All Richland dual credit classes are provided on HSI Garland campus. Students receive instruction in the same building they take regular high school courses. We offer all of the Dual Credit courses on our campus in two different ways: onsite (at our campus) and online classes. Richland Community College sends professors to our site for the face to face classes. We provide our own faculty as a facilitator for online dual credit classes. We are also having our own faculty members going through the eligibility review process to be able to teach dual credit courses at our site. Therefore there is no transportation cost.

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

HSI Garland college counselors track student's college readiness and eligibility for DC classes, their credits, grades and GPA. Relevant information is available to the Richland representatives if needed. Richland professors provide HSI Garland administration with the updates on grading. We have a dedicated counselor at our campus who regularly meets with IHE partner (Mrs.Shawntae Minyard) to coordinate the data sharing between IHE and HS. We have a shared document with IHE that shows our scholar's college readiness status (based on SAT, ACT, PSAT, and TSI). Our campus is a TSI test center and we have a school day TSI once a year for 8-12 grade scholars. We also have several days designated for TSI testing throughout the year.

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

H.O.P.E Village Inc

Job Title

CO Founder

Name Prefix

Mrs.

First Name

Milkeisha

Last Name

Taylor

Email

hopesvillageinc@gmail.com

Phone

2145465563

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.

HOPE Village Inc sponsors academic competitions like robotics, drone, Solar Car Challenge, provide internship opportunities, participates in career talks, and will establish a workshop on campus. We have a College and Career Success Counselor who coordinates all events with industrial partners

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 industrial partners will have a workshop on campus with one or two instructors who will work with a small group of students at a time supervised by the campus staff. The organizations also support HSI Garland solar car team provides internship opportunities for students in the engineering, biomedical and digital arts Pathway, and consults in industry certification issues. Other support from our industrial partners are for our students in the following areas: * Paid and unpaid internship * Job Shadowing * Career Day Presentation * Guest Speakers for the CTE classes. * Worksite Field Trips * Resume writing workshop * Mock Interview * Participate in STEM Advisory Board * Support CTE curriculum

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.

HSI Garland students are able to do internships with industrial partner sign up for the on-campus the workshop, utilize their resources on and off-campus.

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

Workshops, consultations and career talks are set up on campus. All trips to industrial partners' sites do not cost anything to our scholars.

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

Data Analyst

Industrial Engineers

RN Nurse

Physical Therapist

Software Developer

Physicians

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 7th grade students.

7th Grade Activities

Career Talks

College and career Readiness classes-year long

Science fair and STEM PBL activities

PLTW Gateway Courses: App Creator, Design& Modeling, Robotics and Automation, Magic Electrons, Green Architecture, Medical Detectives.

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

8th Grade Activities

8th Grade Activities

Readiness classes-year long

Science fair and STEM, PBL activities

Engineering, Robotics Clubs

PLTW Gateway Courses: App Creator, Design& Modeling, Robotics and Automation, Magic Electrons, Green Architecture, Medical Detectives

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

9th Grade Activities

Career Fair

College and Career Readiness classes- year long

Engineering, Robotics, HOSA, Drone, Solar car , other Clubs

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

10th Grade Activities

Career Fair

College and Career Readiness classes- year long

Engineering, Robotics, HOSA, Drone, Solar car, other Clubs

PLTW Pathways: Biomedical Science, Engineering & CTE Pathway: Principles of A/V Tech Communication/Dual Credit Courses

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

11th Grade Activities

College and Career Readiness classes- year long

Career fair and college visits. Field Trips and Guest Speakers

Workshops and internships.

Industrial Certificate Preparation/Exam: Campus is a Certiport test center.

PLTW Pathways: Biomedical Science, Engineering, Computer Science&CTE Pathway: Principles of A/V Tech Communication/Dual Credit Courses

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

12th Grade Activities

Career fair and college visits.Field Trips and Guest Speakers

Workshops and internships

Industrial Certificate Preparation/Exam: Campus is a Certiport test center

College and Career Readiness classes- year long

12th Grade Activities

PLTW Pathways: Biomedical Science, Engineering, Computer Science&CTE Pathway: Principles of A/V Tech

Communication/Dual Credit Courses

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?

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?

HSI Garland does not have a number of teachers qualified to teach dual credit, however, Richland provides the campus with educators for the dual credit courses. In the past, one of the challenges was high turn over of the teachers but the campus is considering getting several teachers affiliated with Richland. Our plan to hire an English Teacher who is eligible to teach English 1301 and 1302 and Math teacher who is eligible to teach Math 1314-1316 for the next school year.

Is the academy a TSIA testing site?

Yes

Narratives: Student Support, STEM-Focused Extracurriculars

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
Minimum 4 times One on one counseling in a year.	Students meet with counselors one on one to discuss academic progress, pathway progress, graduation plan minimum 4 times a year.
Tutorials	Students receive after school and/or Saturday tutorials
Bridge program	Students transferring from elementary have an opportunity to attend the bridge

Activity	program Description
RTI program	Students receive Tier 2 and 3 interventions in areas of need throughout the year.
College and Career readiness curriculum	Students receive college and career readiness classes year-long
Gifted and Talented Program	Explicit STEM Courses through PLTW Gateway courses.
Junior Achievement High School Heroes Program	Our high school scholars get training on teaching elementary level and they teach one full day at our elementary campus.
IVY Road Program	Starts in 6th grade. Scholars have opportunities to earn up to 4.5 high school credit in Middle school and graduate early with associate degree

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	Students are able to visit the school counselor for problem-solving and such
Life skills	We provide life skills classes for students with certain needs.
Parent Academy	We conduct parent academies and information nights, send a newsletter with information
Home Visit	Our teachers visits scholars at their home once a semester to build close relationship with them and their parents.
Parent Information Meetings	Open Houses, Parent Teacher Conferences, Graduation Planning/Review Meeting, Course Selection Information Session, Dual Credit Program Information Sessions, ESL Parent Nights,

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

HSI Garland uses campus, district, and state-generated data to identify, analyze and improve programs on campus. The guiding coalition and the admin team interpret and analyzes specific data, identifies areas of strengths and weaknesses, formulates the plan and reach out to teachers, students and parents to inform about and implement the plan. We look at the goal-setting, quality of instruction, student population, student access to materials and instruction, scheduling and interventions, etc

STEM-Focused Extracurriculars

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

HSI Garland provides students opportunities to grow in multiple STEM-focused activities: - Clubs and Competitions: TAME, Robotics, MathCounts, Science and Math UIL, other Math clubs, Solar Car - Elementary campus volunteering for various activities and events - Summer STEM camp at UT Dallas - Tech for Change internship - CIA Internship

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
Recruiting	Recruiting eligible faculty member who can teach English and Math Dual Credit Courses
Finding Industrial Partner	Provide multiple industrial partner to provide more work-based learning opportunities to our students.
Preparation for Industrial Certificate Exams	Enriching our CTE courses to make them aligned with industrial certification assessed curriculum.

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

Benchmark Products

Benchmark 1 Products

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

<https://drive.google.com/drive/folders/1J-ENLbCmUYVM6UZle8xcayMnHyRxTIMb>

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

https://docs.google.com/spreadsheets/d/1UDZTffMSkCgljAlPKQShiL_L5OhOJ_5p-faeUoSZ5NY/edit?ts=5e50084e#gid=1727908789

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

<https://docs.google.com/spreadsheets/d/1PKsmzCqTkThlzeK1JwT1JXaqvbkGTwHRdG44ghFU10/edit?ts=5e5023fb#gid=0>

Benchmark 2 Products

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

<https://docs.google.com/document/d/13ou6gX8b0xADnYr1BxkdPFvJHH08WN8jgYmSxlzVSuA/edit>

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://docs.google.com/spreadsheets/d/1xS1lFhkrolYi7-QE17V26GKREqgWwQRMgjLdF3gjW7c/edit#gid=0>

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

https://drive.google.com/file/d/1mhbj706lg_-UaVG5gUs8Z6UaeLgnknF/view

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/file/d/1mhbj706lg_-UaVG5gUs8Z6UaeLgnknF/view

Benchmark 3 Products

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

<https://docs.google.com/spreadsheets/d/1UKahu525cwaAWKsb6fNlq6a7f4WMVvtobdKFloGAYsQ/edit#gid=2006551223>

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

<https://drive.google.com/drive/u/0/recent>

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

<https://mail.google.com/mail/u/0/#search/mou+richland/FMfcgxwGBmwFwXRgbHSnSkXwBLcHrJfh?projector=1&messagePartId=0.1>

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://docs.google.com/document/d/1-JOfIZ3AMuZCA4SqH33ZYYACqHepdab-cqnIFOLQLbk/edit>

Benchmark 4 Products

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

<https://docs.google.com/spreadsheets/d/1scsmTICEDr6l6w6LyFqytQoxTozBZWgmThQY4yB7sTc/edit?ts=5e50322a#gid=1025540798>

Provide a link to the academy's master schedule.

<https://docs.google.com/spreadsheets/d/157ZSHmUU4SkuLyjwmYlnYsbAWGlwgXpi4338Q7rFlsE/edit?ts=5e50375b#gid=0>

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

<https://www.parent.harmonytx.org/curriculum>

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

<https://drive.google.com/drive/u/0/search?q=assesment%20calendar%202019-2020>

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://docs.google.com/presentation/d/1PEUiRadq_CzrcLmpDeexpR6M-wwqs7KczG4RcS8FLAI/edit?ts=5e503ba5#slide=id.p1

Benchmark 5 Products

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

https://docs.google.com/spreadsheets/d/1_vTASlAmpCRmlYw2nOCCMOpXAMOW5Ae491tNa_S1ZqM/edit#gid=0

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

<https://texascareercheck.com/ExploreCareer/OccupationTrends>

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://docs.google.com/document/d/1fb5noaJyxnsQ0z4N8RN5vcD-74x1ecnVsiVleZ_nFwU/edit

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

<https://docs.google.com/document/d/1iiof9Rvy3RhZC5S4woGGH0dKnQlnaoenUYDSNwcGQT4/edit?ts=5e50410d>

Benchmark 6 Products

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

https://docs.google.com/document/d/1AdV0B1NRjb5aT9Np540hFy_06-uThLBwupWaxQ3Ti_g/edit?ts=5e504e3c

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

https://docs.google.com/document/d/1fb5noaJyxnSqoz4N8RN5vcD-74x1ecnVsiVleZ_nFwU/edit

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

<https://docs.google.com/spreadsheets/d/1fTvNyv6qh1GTsMT8Gh71hR94foLIE2RF3768gaeA5qg/edit?ts=5e5055c0#gid=0>
