



2019-2021 P-TECH and ICIA Success Grant Program
COMPETITIVE GRANT Application Due 5:00 p.m. CT, Tuesday, April 9, 2019

NOGA ID [REDACTED]

Authorizing legislation **GAA, Article III, Rider 67 & 49, 85th TX Leg, and TEC 29.551-29.556 & 29.908**

Applicants must submit one original copy of the application and two copies of the application (for a **total of three copies of the application**). All three copies of the application **MUST** bear the signature of a person authorized to bind the applicant to a contractual agreement. **Applications cannot be emailed.** Applications must be received no later than the above-listed application due date and time at:

Document Control Center, Grants Administration Division, Texas Education Agency
 1701 N. Congress Avenue, Austin, TX 78701-1494

Grant period from **June 1, 2019 - June 15, 2021**



Required Attachments

- Four (4) attachments are required to be submitted with this application:
1. A completed "Crosswalk" template.
 2. A completed "Work-Based Education Matrix" template.
 3. A signed and dated MOU with an IHE partner - 3 pages max.
 4. A signed and dated MOU with a business/industry partner - 3 pages max.

Amendment Number

Amendment number (For amendments only; enter N/A when completing this form to apply for grant funds): [REDACTED]

Applicant Information

Organization CDN Vendor ID ESC DUNS

Address City ZIP Phone

Primary Contact Email Phone

Secondary Contact Email Phone

Certification and Incorporation

I understand that this application constitutes an offer and, if accepted by TEA or renegotiated to acceptance, will form a binding agreement. I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I certify that any ensuing program and activity will be conducted in accordance and compliance with all applicable federal and state laws and regulations.

I further certify my acceptance of the requirements conveyed in the following portions of the grant application, as applicable, and that these documents are incorporated by reference as part of the grant application and Notice of Grant Award (NOGA):

- Grant application, guidelines, and instructions
- Debarment and Suspension Certification
- General Provisions and Assurances
- Lobbying Certification
- Application-specific Provisions and Assurances
- ESSA Provisions and Assurances requirements

Authorized Official Name Title

Email Phone

Signature Date

Grant Writer Name Signature Date

Grant writer is an employee of the applicant organization. Grant writer is not an employee of the applicant organization.

2019-019511 701-19-108-009

Shared Services Arrangements



SSAs are not permitted for this grant.

Identify/Address Needs

List up to three quantifiable needs, as identified in your needs assessment, that these program funds will address. Describe your plan for addressing each need.

Quantifiable Need	Plan for Addressing Need
Traditionally, Houston High School students are predominately Hispanic or Black (96%) and mostly economically disadvantaged (91%). Many Houston HS students are At-Risk (83%) and need added support to pursue high-demand, high-wage careers.	To support students' career pursuit of high-demand, high-wage occupations, SAISD's Cyber P-TECH USA will offer students a pathway to a career in cybersecurity, regardless of the students' circumstances, English language proficiency, or failure of a state administered assessment.
In School Year 2017-18, TEA scored Houston HS with a 62% in Student Achievement and 70% in Closing the Gaps. Only 42% of those students were college, career, or military ready and 84% receive a Diploma in 6 years.	To close the achievement gap and increase college and career readiness, Cyber P-TECH USA will provide its students the ability to obtain an Associates degree in cybersecurity or up to 60 hours of tuition-free college credit as well as industry certifications, in addition to their Diploma, at no cost to students or their families.
Texas and San Antonio are currently lacking an adequately trained workforce in major industries, including Cybersecurity, whose occupational growth will increase anywhere from 25%-50% by 2024.	Cyber P-TECH USA will prepare the future cybersecurity workforce to meet regional workforce needs. In its start-up year, Cyber P-TECH USA must establish work based learning lesson plans, procedures, and pacing guides created by a dedicated P-TECH Work-Based Learning Specialist.

SMART Goal

Describe the summative SMART goal you have identified for this program (a goal that is Specific, Measurable, Achievable, Relevant, and Timely), either related to student outcome or consistent with the purpose of the grant.

By June 2021, in alignment with the P-TECH Blueprint requirements, SAISD's Cyber P-TECH USA will: recruit and enroll a maximum of 300 9th and 10th grade students; ensure 100% of Cyber P-TECH USA students will have at least eight (8) work-based learning experiences by the end of each grade level; establish and maintain one (1) dedicated P-TECH Work-Based Learning Specialist to develop new project and work-based learning lessons, pacing calendars, business partnerships, and career exploration/investigation/mentoring activities to be utilized annually following the grant period; and provide project-based learning (PBL) training and support in lesson development for Cyber P-TECH USA teachers in preparation for P-TECH instruction.

Measurable Progress

Identify the benchmarks that you will use at the end of the first three grant quarters to measure progress toward meeting the process and implementation goals defined for the grant.

First-Quarter Benchmark

SAISD's Cyber P-TECH USA will complete the following within the first grant quarter:

- Objective 1.1. Leadership Team will meet to review project goals and milestones to establish a detailed project timeline;
- Obj. 1.2. Hire dedicated P-TECH Work-Based Learning Specialist;
- Obj. 1.3. Establish 9th Grade Work-Based Learning Experience lesson plans in partnership with industry and pacing guide;
- Obj. 1.4. Create an annual PBL Cyber P-TECH USA Teacher training schedule;
- Obj. 1.5. Host Summer Bridge Program for upcoming 9th grade Cyber P-TECH USA students;
- Obj. 1.6. Enroll a projected 150 9th grade Cyber P-TECH USA students in SY 2019-2020; and
- Obj. 1.7. Review Beginning of Year (BOY) Cyber P-TECH USA student outcome baseline.

Measurable Progress (Cont.)

Second-Quarter Benchmark

SAISD's Cyber P-TECH USA will complete the following within the second grant quarter:
Obj. 2.1. Continuously review student quantitative and qualitative data to identify improvements; Obj. 2.2. Review Middle of Year (MOY) Cyber P-TECH USA student outcomes; Obj. 2.3. Establish 10th Grade Work-Based Experience lesson plans in partnership with industry and pacing guide; Obj. 2.4. Train Cyber P-TECH USA Teachers in PBL; Obj. 2.5. Engage 100% of Cyber P-TECH USA students in at least 8 work-based learning experiences at the end of SY 2019-20; and Obj. 2.6. Document Leadership Team meeting minutes, as appropriate.

Third-Quarter Benchmark

SAISD's Cyber P-TECH USA will complete the following within the third grant quarter:
Obj. 3.1. Leadership Team will meet to review project goals and milestones to amend the detailed project timeline as needed; Obj. 3.2. Promote inaugural 9th grade Cyber P-TECH USA students to the 10th grade; Obj. 3.3. Host Summer Bridge; Obj. 3.4. Enroll a projected 150 9th grade Cyber P-TECH USA students in SY 2020-21; Obj. 3.5. Review BOY and End of Year (EOY) Cyber P-TECH USA student outcomes and baseline; Obj. 3.6. Establish 11th Grade Work-Based Experience lesson plans in partnership with industry and pacing guide; and Obj. 3.7. Continue Cyber P-TECH USA Teachers in PBL, including teachers in the expanded grade level(s).

Project Evaluation and Modification

Describe how you will use project evaluation data to determine when and how to modify your program. If your benchmarks or summative SMART goal do not show progress, describe how you will use evaluation data to modify your program for sustainability.

The Leadership Team utilizes the District Improvement Plan, Campus Improvement Plan, and Program Improvement Plan that encompasses best practices of collecting data, reviewing multiple measures of data, setting goals, and creating action plans. District student information systems allow for multiple quantitative, outcome-based measures of data to be routinely collected and reviewed. Student-level academic data for Cyber P-TECH USA, including achievement and attendance, will be stored in a comprehensive internal database and tracked every three weeks using SAISD's long-established data collection procedures. Cyber P-TECH USA and Houston HS personnel will ensure students' daily attendance, grades, standardized test scores, graduation rates, and college enrollment rates are recorded and reported to SAISD Office of Accountability, Research, Evaluation, and Testing (ARET) throughout each year. ARET personnel will analyze all of this data to determine Cyber P-TECH's impact on these traditional measures of student success at least twice each year. Student information will be reviewed biannually to identify student strengths and weaknesses to develop and/or refine individual instructional support plans.
Monthly Leadership Team meetings will provide opportunities for the P-TECH Coordinator, serving as Director for this project, to ensure that any barriers to project implementation are addressed immediately by District executive leadership. Further, the P-TECH Coordinator will ensure all benchmarks and milestones are met or amended, as necessary. Action plans developed by the campus improvement team and P-TECH Coordinator will ensure interventions that seamlessly support students, measurable outcomes, and progress towards goals. Cyber P-TECH USA and St. Philip's College will track and measure student's progress to ensure Outcomes-Based Measurements are met. Additionally, cybersecurity project-based learning lessons, which integrate work-based learning through industry engagement, will be designed, reviewed annually, and approved by the Leadership Team consisting of both college and industry partners. Further, a dedicated Cyber P-TECH USA database will track student and industry engagement, including mentorships, externships, and work-based learning interactions, to provide data and improve the quality of engagements. Finally, work-based learning experiences will be monitored, evaluated, and modified as necessary to increase student engagement and interest in high-demand, high-wage regional occupations.

Statutory/Program Assurances

The following assurances apply to this grant program. In order to meet the requirements of the grant, the grantee must comply with these assurances. Check each of the following boxes to indicate acceptance.

- The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
- The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
- The applicant provides assurance to adhere to all Statutory Requirements and TEA Program Requirements as noted in the 2019-2021 P-TECH and ICIA Success Grant Program Guidelines.
- The applicant provides assurance to adhere to all Performance Measures as noted in the 2019-2021 P-TECH/ICIA Success Grant Program Guidelines and shall provide TEA, upon request, any performance data necessary to assess the success of the program.
- P-TECH and ICIA schools will provide participating students with flexibility in class scheduling and academic monitoring.
- The P-TECH/ICIA school will be open enrollment. Enrollment decisions will not be based on state assessment scores, discipline, history, teacher recommendations, minimum grade point average (GPA) or any other criteria that create barriers for student enrollment.
- P-TECH and ICIA schools will allow participating students to complete high school and, on or before the sixth anniversary of the date of the student's first day of high school: receive a high school diploma, an associate degree, a two-year postsecondary certificate, or industry certification; and complete work-based education through an internship, apprenticeship, or other job training program.
- P-TECH and ICIA programs will be provided at no cost to participating students.
- LEA will submit an action plan based on blueprint initial self-assessment and needs assessment.
- LEA will submit confirmation of a) the campus/program as a designated Texas Success Initiative (TSI) assessment site and, b) timeline for testing students to ensure that passing rates meet outcome based measures on the P-TECH and ICIA Blueprint.

Statutory Requirements

1. P-TECH and ICIA schools must establish recruitment and enrollment processes and requirements that will not exclude or discourage the enrollment of any of the subpopulations of at-risk students, including, but not limited to, students who are of limited English proficiency or who have failed a state administered assessment. Describe the recruitment and enrollment plan. Include a general timeline and describe the specific activities planned to serve the target population.

Cyber P-TECH USA at Houston High School, will operate as Choice School within a school and will not exclude or discourage the enrollment of any of the subpopulations of at-risk students. Choice Schools are open enrollment schools that offer school-wide programmatic models and pedagogical philosophies that are aligned with national best practices. Entry into Choice Schools occurs through an annual application and selection process that is centrally managed by the District through the Office of Access and Enrollment Services (OAES) to use two methods for selection. Campuses without academic entry requirements utilize a blind, computerized lottery process. This process is used to ensure the program does not exclude or discourage subpopulations of SAISD students. For schools with more applications than available seats, a lottery is conducted and a wait list is generated by the system in which student applicants are placed in a randomized order. Typically, the Choice School recruitment and enrollment plan follows a standard timeline, which applies to Cyber P-TECH USA. Early-phase activities, occurring through Aug. 2018 to Oct. 2018, include planning meetings to determine seat availability, review of administrative procedures, overview of Choice process, timeline, recruitment, and requests for marketing materials. Late-phase activities, occurring from Nov. 2018 to Mar. 2019, include parent information sessions, opening the application window, presenting at the District-wide showcase and resource fair, hosting "mini fairs" to introduce 8th grade students to the Choice process, host visitors and student shadows for Tour Week, closing the application window, as well as announcing acceptances and waitlists offers. Schools with a substantial number of seats will participate in a second round of an Application and Selection process. Cyber P-TECH USA will work with industry partners to provide opportunities for both parents and students to visit Cyber P-TECH USA and learn more about the program. Additionally, all marketing and communications include both English and Spanish versions to target and inform as many students and parents as possible.

Statutory Requirements (Cont.)

2. P-TECH and ICIA schools must provide for a program/course of study that enables a participating student in grade levels 9 -12 to combine high school courses and postsecondary courses. Describe the course of study that the school is planning to offer and how it expands upon current offerings. Include how the course of study will enable a student to combine high school courses and postsecondary courses and identify crosswalks, sequence of courses, degrees/certificates/certifications earned, and work-based education that will be available to students at every grade level. Describe how the selected course of study will address regional workforce needs.

At Cyber P-TECH USA, students will pursue an Associates of Applied Science (AAS) in Information Technology Cybersecurity Specialist through partner IHE, St. Philip's College. This program of study will prepare students to design, implement, and secure computer networks. Moreover, students will be able to install security software, monitor networks for security breaches, respond to cyber attacks, as well as gather data and evidence to be used in prosecuting cyber crime. Partnering IHE will award students with occupational skills award(s), Level I-II certificate(s), and/or an AAS. Students enrolled in Cyber P-TECH USA will be provided with a college degree plan that will provide the pathway leading to the target AAS degree, stackable Level I or Level II certificates related to the AAS degree, related industry certifications, and corresponding high school diploma resulting from the sequence of courses that prepare students for high-wage, high-demand career fields in Cybersecurity.

During their second semester, 9th grade Cyber P-TECH USA students will take their first college level course, ITNW 1308 - Implementing and Supporting Client Operating Systems. 10th grade students will embark upon four college courses including ITNW 1425 - Fundamentals of Networking Technologies; ITNW 2412 - Routers; ITSC 1316 - Linux Installation and Configuration; and ITSC 2325 - Advanced Linux. 11th grade students will embark upon five college courses including ITNW 1413 - Computer Virtualization; ITSY 1342 - Information Technology Security; ITNW 2405 - Network Administration; ITSY 2442 - Incident Response and Handling; and one general studies course. 12th grade students will complete a capstone course, ITSY 2286 - Internship - Computer and Information Systems Security, through a hands-on, work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts.

3. P-TECH and ICIA schools must enter into an articulation agreement with IHEs that are accredited by a national or regional accrediting agency recognized by the Texas Higher Education Coordinating Board (THECB) in accordance with Texas Administrative Code (TAC) §74.25. The articulation agreement must provide a participating student access to postsecondary educational and training opportunities at an IHE and must address all the following items: curriculum alignment, instructional materials, instructional calendar, programs/courses of study, student enrollment and attendance, grading periods and policies and administration of statewide assessments. Name the IHE and describe how the proposed program will meet the requirements for the partnership with the IHE.

Through an articulation agreement and MOU, SAISD's Cyber P-TECH USA and St. Philip's College have developed a course of study plan for grades 9-12 which meets the requirements of Applicable Law, provides a seamless transition for students from grade level to grade level, allows students to transition from high school classes to a gradual integration of college level courses with high levels of rigor, acceleration, and support. The plan provides a pathway to a certificate, associate, or baccalaureate degree whose courses and fields of study are as followed by the Texas Higher Education Coordinating Board, Lower Division Academic Course Guide Manual and/or courses required for Level I or II certificates.

Additionally, St. Philip's College Academic Chairs, or faculty liaison, alongside the Principal and P-TECH Coordinator are responsible for working with P-TECH faculty to develop and refine a clear, coherent academic program across the two institutions for curriculum alignment. The Dual Credit P-TECH course curriculum will include principles of leadership with the same curriculum at the same level it is included in the College's curriculum. SAISD will provide all required course materials needed for enrollment to classes for high school graduation credit and college-level texts.

The instructional calendar for the high school portion of P-TECH, based on the School District calendar, will comply with all related TEA regulations for school attendance. SAISD will adjust its schedule as necessary to enable P-TECH students to enroll in and attend college-level courses at St. Philip's. Other components to be coordinated include State testing examinations and requirements as well as grading periods and policies. During days when the two institutions are out of alignment on days of operation, and students must attend classes in-session at St. Philip's, SAISD will provide at least one staff member with administrative authority to be present in the case of an emergency.

Statutory Requirements (Cont.)

4. P-TECH and ICIA schools must enter into a MOU with regional industry or business partners in Texas and must meet the following guidelines: provide 100% of participating students access to appropriate work-based education at every grade level, address regional workforce needs, the industry/business partner will give to a student who receives work-based training or education from the partner with a P-TECH and ICIA first priority in interviewing for any jobs for which the student is qualified that are available on the student's completion of the program and be reviewed at least every two years and updated as necessary. Name the regional industry or business partner and describe how the proposed program will meet the requirements for the partnership with the industry/business partner.

It is the goal of Cyber P-TECH USA to provide the building blocks of work-based and contextual learning for all students at each grade level. Our regional industry/business partner, Accenture Federal Services, will support Cyber P-TECH USA's work-based and contextual learning for students through Advancement Via Individual Determination (AVID), college-level coursework, Skills to Succeed, guest speakers, field experiences, internships, as well as mentorship and job shadowing. With the continuous support of SAISD and St. Philip's College, Accenture will engage in classroom instruction by providing industry-specific expertise such as trends, data, project-based learning scenarios, and other related activities.

In partnership with local businesses, Cyber P-TECH USA students will participate in a minimum of two field experiences including but not limited to site visits, cyber conferences, panel discussions, internships, and competitions. Accenture will provide guest speakers throughout the school year to engage students in discussions about the information technology and cybersecurity industry, participate in collaborative instruction, and complete problem-solving activities.

Provided by Accenture, the Skills to Succeed program is designed to help close skills and employment gaps for vulnerable and marginalized people around the world by using advanced learning technologies, gaming techniques, role-based simulations, videos, quizzes, and interactive exercises to support student learning. Further, Accenture will provide mentors to Cyber P-TECH USA students to provide academic, social, and emotional support for P-TECH students as well as build the self-esteem of students and help shape positive choices. The mentor will help guide student career interest by facilitating an interest inventory with students. Cyber P-TECH USA students will collaborate with industry and business mentors to develop a resume that expresses the student's industry knowledge, career exploration activities, skills, and accomplishments.

Cyber P-TECH USA students will participate in virtual work-based learning opportunities from industry leaders via Nepris, a cloud-based platform that makes it possible from teachers and students to engage and inspire in Science, Technology, Engineering, Arts, and Mathematics.

Other Cyber P-TECH USA industry and business partners include Tech Skills on Wheels, providing field experiences and professional skills; Mims Institute, providing college field experiences, academic support, and professional skills; and DC Industries, providing project-based learning and professional skills. Finally, San Antonio Works (SA Works) will further help Cyber P-TECH USA students by facilitating hands-on, industry-relevant job shadowing and internship opportunities for students to participate in annually.

TEA Program Requirements

1. Grantee must establish a Leadership Team. Describe the current Leadership Team. Include a list of the individuals and their titles, along with how often the Leadership Team will meet, the dates of meetings that have already been held, any upcoming meetings and agenda topics.

The Cyber P-TECH USA Leadership Team consists of high-level, decision-making personnel from SAISD, Houston HS campus, industry/business partners, and IHE leadership who meet a minimum of twice per year. It is the responsibility of the Leadership Team to oversee the design, governance, operations, accountability, curriculum development, professional development, outreach, sustainability, and continual monitoring and improvement of Cyber P-TECH USA. The current Cyber P-TECH USA Leadership Team consists of: Pedro Martinez, Superintendent of Schools (SAISD); Johnny Vahalik, Senior Executive Director of College, Career, and Military Readiness (SAISD); Konise Millender, Career and Technical Education Coordinator (SAISD); Ashlyn Barrientes, P-TECH Coordinator (SAISD); Atree Desai, Program Manager of Community Workforce Initiatives (Accenture); Dr. Adena Loston, President (St. Philip's College); Edith Orozco, Business Information Solutions (St. Philip's College); Dr. Karlene Fenton, Director of High School Programs (St. Philip's College); Daniel Girard, Assistant Superintendent of School Leadership (SAISD); John Strelchun, Director of District Grants (SAISD); Randall Dawson, Vice President for Academic Success (St. Philip's College); Ben Peavy, Managing Director (Accenture); Dr. Mateen Diop, Principal of Houston HS (SAISD); Elizabeth Ozuna, Director of Advanced Academics and Post-Secondary Success (SAISD); Saani Fong, School to Career Director (SA Works); Victoria Bustos, Director Student and Academic Support Services (SAISD); Armando Gutierrez, District Master Scheduler (SAISD); Sandra Schlortt, Federal Delivery Lead (Accenture); and Pauline Dow, Deputy Superintendent for Academics and School Leadership. Since its establishment, the Cyber P-TECH USA Leadership Team has met seven (7) times including the following dates: 06/06/18, 09/06/18, 09/20/18, 09/27/18, 10/19/18, 11/01/18, and 11/29/18. Topics addressed include but are not limited to overall school design, IHE and Industry Partner MOUs, curriculum alignment, crosswalks, required program equipment, summer bridge programming, mentorships, recruitment and enrollment activities, advisory council meetings, instructional staff, work-based learning coordination, student support services, instructional resources, website planning, marketing and promotions, as well as community-stakeholder input.

2. Grantee must develop wrap-around strategies and services involving multiple stakeholders (parents, teachers, counselors, community members, etc.) to strengthen both the academic and social/emotional skills and support necessary for high school and college readiness, as well as provide academic and social/emotional support for students to be successful in rigorous academic and work-based educational experiences. Describe the current wrap-around strategies and services the school is offering, as well as the additional strategies and services that are planned to support P-TECH.

To support Cyber P-TECH USA students, the campus will host summer bridge programming, tutoring and other interventions, regular family outreach events, as well as routine counseling and advisory events. Cyber P-TECH USA will provide students with flexible class scheduling and academic mentoring by teachers maintaining a formative assessment approach to help the students make progress on a daily basis. Advancement Via Individual Determination (AVID) classes will support students' skill development needed to be successful in college as well as emphasize students' growth in writing, critical thinking, teamwork, organization, and reading skills. Counselors will meet with students, both individually and as a class cohort, in order to guide students along the best-fit academic paths. During individual advisement, the student and counselor will review the student's individual graduation plan. Together, they will review all completion requirements and design the best-fit course schedule leading to student success. Students requiring remediation will be scheduled into Reading or Math Intervention course(s), as necessary. Monthly guidance lessons conducted by the counselors will cover topics such as study skills, graduation requirements, college coursework and admissions, career interest inventories, career pathways, and mental health (i.e. bullying, suicide, and healthy relationships). Also, Cyber P-TECH USA students will receive mentoring through campus partnerships with nonprofit organizations on the Advisory Council including Big Brothers and Big Sisters, Communities in Schools, United Way, and other partnering agencies. Further, the advisors at St. Philip's College will monitor and direct the students throughout their high school years. Additional wrap-around services are available to students at Cyber P-TECH USA, administered by the Alamo Colleges' Student Advocacy Center, including social services resources for students who might otherwise resort to dropping out to instead persist and complete their degree and/or certificate(s). Finally, Cyber P-TECH USA will host numerous family outreach events throughout the school year including Parent Information Sessions, Parent-Student Information Sessions, Open House, Report Card Nights, and Family Fun Night.

Request for Grant Funds

List all of the allowable grant-related activities for which you are requesting grant funds. Include the amounts budgeted for each activity. Group similar activities and costs together under the appropriate heading. During negotiation, you will be required to budget your planned expenditures on a separate attachment provided by TEA.

PAYROLL COSTS - 6100 (include direct program and direct admin costs)	BUDGET
Dedicated P-TECH Work-Based Learning Specialist Salary & Fringes (2 Years)	161,627
Extra Duty Pay for Cyber P-TECH USA Instructors (80 Intervention/Planning Hours)	11,700
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

PROFESSIONAL AND CONTRACTED SERVICES - 6200 (include direct program and direct admin costs)	
Cyber P-TECH USA Professional Development	14,000
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

SUPPLIES AND MATERIALS - 6300 (include direct program and direct admin costs)	
P-TECH Work-Based Learning Specialist Supplies & Materials - Office supplies, laptop, etc.	3,078

OTHER OPERATING COSTS - 6400 (include direct program and direct admin costs)	
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

CAPITAL OUTLAY - 6500 (include direct program and direct admin costs)	
<input type="text"/>	<input type="text"/>

Total Direct Costs

Indirect Costs

TOTAL BUDGET REQUEST (Direct Program Costs + Direct Admin Costs + Indirect Costs)

REQUIRED MATCH AMOUNT (total budget request x 20%)

ATTACHMENT #2: 2019-2021 P-TECH AND ICIA SUCCESS GRANT PROGRAM WORK-BASED EDUCATION MATRIX TEMPLATE

Work-based education is an educational strategy that provides students with real-life work experiences where they can apply academic and technical skills and develop employability skills. Work-based education experiences for the P-TECH program should be provided at every grade level and should be appropriate in scope for the age of the student. Examples of work-based learning experiences are: job shadowing, cooperative education, career mentoring, internships, apprenticeships and can be paid or unpaid.

Please complete the chart below with at least 3 examples of work-based learning that your program provides to students at each grade level.

You may delete or expand rows but **do not exceed one page**

Year//Grade Level	Work-based Education Example # 1			Work-based Education Example # 2			Work-based Education Example # 3		
	Work-based Education Example #1	Type of Activity	Business Partner	Work-based Education Example #2	Type of Activity	Business Partner	Work-based Education Example #3	Type of Activity	Business Partner
Year 1 / Grade 9	Advancement Via Individual Determination (AVID) provides students with skills to be successful in college	- Professional Skills - Job Shadowing - Internships - Project-Based Learning (PBL) - Guest Speakers	Accenture Federal Services	Mentoring and industry-specific instruction including industry trends, data, PBL scenarios, and related projects	- Professional Skills - Field Experiences	Tech Skills on Wheels	Program recruitment and academic excellence events for tier 1 universities	- Professional Skills - Academic Success - College Field Experiences	Mims Institute
Year 2/ Grade 10	Program recruitment and academic excellence events for tier 1 universities	- Professional Skills - Academic Success - College Field Experiences	Mims Institute	Skills to Succeed uses advanced learning technologies to close employment/ skills gap	- Professional Skills - Job Shadowing - Internships - Project-Based Learning (PBL) - Guest Speakers	Accenture Federal Services	Mentoring and industry-specific instruction including industry trends, data, PBL scenarios, and related projects	- Professional Skills - Field Experiences	Tech Skills on Wheels
Year 3/Grade 11	Guest speakers will collaboratively engage students in industry-related topics and problem-solving	- Internships - Guest Speakers - Job Shadowing	SA Works	Cyber Patriot support for education in cybersecurity	- Project Based Learning - Professional Skills	DC Industries	AVID, college-level course work, Skills to Succeed, & Mentorship	- Professional Skills - Job Shadowing - Internships - Project-Based Learning (PBL) - Guest Speakers	Accenture Federal Services
Year 4/Grade 12	AVID, college-level course work, Skills to Succeed, & Mentorship	- Professional Skills - Job Shadowing - Internships - Project-Based Learning (PBL) - Guest Speakers	Accenture Federal Services	Cyber P-TECH USA students will annually participate in a hands-on job shadow experience	- Internships - Guest Speakers - Job Shadowing	SA Works	Cyber Patriot support for education in cybersecurity	- Project Based Learning - Professional Skills	DC Industries
Optional Year 5	Continued Work-based Learning Experiences, as appropriate, for students enrolled in Cyber P-TECH USA at St. Philip's College.								
Optional Year 6	Continued Work-based Learning Experiences, as appropriate, for students enrolled in Cyber P-TECH USA at St. Philip's College.								

CDN: 015907

ATTACHMENT #1: 2019-2021 P-TECH AND ICIA SUCCESS GRANT PROGRAM

Crosswalk Template

You may delete or expand rows but **do not exceed one page**

CDN: 015907

Program of Study	IHE Partner	Program Offered in 2018-2019? (Y/N)	Expected Program Student Outcomes
Cyber Security/Information Technology	St. Philip's College	N	Acquisition of several certifications and degree in program of study

Year / Grade Level	High School Course			Post-Secondary Course		
	PEIMS Course/Code #	High School Course Name	High School Credits	Texas Common Course Numbering System Number	College Course Name	College Credit Hours
Year 0 / Grade 8	03100500	Algebra I	1			
Total Year 0 High School Credits			0-1		Total Year 0 College Credit Hours	0
Year 1 / Grade 9	03220100	English I/ PAP English I	1			
Year 1 / Grade 9	03100500/03100600	Algebra I/Algebra II	1			
Year 1 / Grade 9	A3360100	World Geo/AP Human Geography	1			
Year 1 / Grade 9	03010207	Biology/PAP Biology	1			
Year 1 / Grade 9	13027200	Principals of IT - 7717	1	1308	ITNW- Implementing & Supporting Client Operating Systems	3
Year 1 / Grade 9	N1290001	AVID	1			
Year 1 / Grade 9		Foreign Language (i.e. Spanish I)	1			
Year 1 / Grade 9		Elective/P.E.	1			
Total Year 1 High School Credits			8		Total Year 1 College Credit Hours	3
Year 2 / Grade 10	03220200	English II/ PAP English II	1			
Year 2 / Grade 10	03100600/03100600	Algebra II/Geometry	1			
Year 2 / Grade 10	A3370100	World History/AP World History	1	1425 AND	ITNW – Fundamentals of Networking Tech. AND ITSC – Linux Installation & Configuration	4 AND
Year 2 / Grade 10	03010207	Chemistry/PAP Chemistry	1	1316		3
Year 2 / Grade 10	13027500	Computer Technician	2	2325 AND	Advanced Linux AND ITNW – Routers	3 AND
Year 2 / Grade 10		Fine Art	1	2412		4
Year 2 / Grade 10		Foreign Language (e.g. Spanish II)	1			
Year 2 / Grade 10		Elective (e.g. Art I)	1			
Total Year 2 High School Credits			9		Total Year 2 College Credit Hours	14
Year 3 / Grade 11	03220300	English III/AP English III	1	1301/1302	English Comp. I/English Comp. II	3
Year 3 / Grade 11	03100600/03101100	Algebra II/PAP Pre-Calc.	1			
Year 3 / Grade 11	A3340100	US History/AP US History	1	1413 AND	ITNW – Computer Virtualization AND ITSY – Information Technology Security	4 AND
Year 3 / Grade 11	03050000	Physics	1	1342		3
Year 3 / Grade 11	13027400	Networking	1	2405 AND	ITNW – Network Administration AND ITSY – Incident Response & Handling	4 AND
Year 3 / Grade 11	13027300	Computer Maintenance	1	2442		4
Year 3 / Grade 11	03350100	Psychology	0.5	2301	General Psychology	3
Year 3 / Grade 11		Elective (e.g. Music I)				
Total Year 3 High School Credits			6.5		Total Year 3 College Credit Hours	21
Year 4 / Grade 12	03220400	English IV/AP English IV	1	1301/1302	English Comp. I/English Comp. II	3
Year 4 / Grade 12	A3100101	PreCal/AP Calculus AB	1	1314	College Algebra	3
Year 4 / Grade 12	A3310200/A3330100	Eco/AP Eco & AP US Gov't/Gov't	(1)	2301 AND	ITNW – Firewalls & Network Security AND ITSY – Computer System Forensics	3 AND
Year 4 / Grade 12	A3010200	Anatomy and Physiology/AP Biology	1	2443		4
Year 4 / Grade 12	13028000	IT Practicum	1	2430 AND	ITSY – Intrusion Detection AND ITSY – Internship, Computer & Information Systems Security	4 AND
Year 4 / Grade 12	13028000	IT Practicum	1	2286		2
Year 4 / Grade 12	03241400	Communications Applications	0.5	1321	SPCH – Business & Professional Communication	3
Year 4 / Grade 12	03150200	Elective (e.g. Music II)	1			
Total Year 4 High School Credits			7.5		Total Year 4 College Credit Hours	19
Optional Year 5					Relevant or Core College Course	3
Optional Year 6						
Total Years 5 & 6 High School Credits					Total Years 5 & 6 College Credit Hours	3
Total High School Credits			31		Total College Credit Hours	60

Certification (s) to be earned by high school graduation:	Information Technology (IT) Specialist (OSA); CompTIA Linux+ Certification Preparation (OSA); CompTIA Security+ Certification Preparation (OSA); Cyber First Responders (OSA); and IT Cyber Security Specialist Level I Certification
Degree (s) to be earned by high school graduation:	Information Technology Cyber Security Specialist, AAS

MEMORANDUM OF UNDERSTANDING

BETWEEN

ACCENTURE FEDERAL SERVICES, LLC

AND

SAN ANTONIO INDEPENDENT SCHOOL DISTRICT

Accenture Federal Services, LLC (“Accenture”) and San Antonio Independent School District (“SAISD”) on behalf of Sam Houston High School enter into this Memorandum of Understanding (“MOU”) to develop a partnership to develop and implement a Pathways in Technology Early College High School (“P-TECH”) 9th through 14th grade level program as outlined and aligned to the design elements listed in the Texas Education Agency’s P-TECH blueprint.

The intent of this MOU is to define the roles and responsibilities of a strong partnership between business and/or industry partners and SAISD to provide a detailed plan for program oversight and advisory and to provide work-based learning experiences for students appropriate to each grade level, such as facility visits, guest speakers, presentations, career information, job shadowing, internships, externships, and apprenticeships.

Mutual Understanding

Accenture and SAISD agree to work together to support the following common goals:

- Inform the partner of any changes that may impact service delivery;
- Develop a method of communicating needs and challenges;
- Collaborate to encourage students to pursue industry certifications, post-secondary education, career and internship opportunities; and
- Work in partnership to establish additional partners to support the P-TECH program.

Accenture will:

- Provide an Industry/Business partner liaison with decision making authority who interacts directly and frequently (in person or virtually) with P-TECH leadership (Benchmark 1: School Design; Element #2b);
- Participate in defining and reviewing annual outcomes-based measures (Benchmark 1: School Design; Element # 3b);
- Participate in the leadership team that will meet regularly (in person and/or virtually) with the leaders that will consist of the school district, campus, other industry partners, chamber of commerce, non-profit foundations and Alamo Colleges (Benchmark 1: School Design; Element # 4);
- Provide opportunities when applicable to teachers to receive training like externships or other events (Benchmark 1: School Design; Element # 6).
- Assist in developing a detailed plan for work-based learning experiences for students appropriate to each grade level, such as facility visits, guest speakers, presentations, career information, job shadowing, internships, externships, and apprenticeships (Benchmark 3: Strategic Alliances);
- Assist in developing roles and responsibilities for worksite supervisors, mentors, teachers, support personnel, and other partners (Benchmark 3: Strategic Alliances);
- Assist in developing career mentoring program (Benchmark 3: Strategic Alliances);
- Support when applicable for students’ activities, such as clubs, Career and Technical Student Organizations, competitions, and special initiatives (Benchmark 3: Strategic Alliances);
- Provide a student who receives work-based training or education from the partner under the P-TECH program the opportunity to interview for any jobs for which the student is qualified that are available on the student’s completion of the program (Benchmark 3: Strategic Alliances);
- Assist in the development of the course path and program monitoring (Benchmark 3: Strategic Alliances);

- Assist in defining the industry certifications that will be acquired and the standards/curriculum that will be followed to achieve stated certifications (Benchmark 3: Strategic Alliances);
- Provide when applicable access to business and industry partners and work-based learning facilities, services, and resources (Benchmark 3: Strategic Alliances);
- Not be required to cover transportation costs and fees for students (Benchmark 3: Strategic Alliances);
- Assist in establishing an advisory board who meets regularly and includes representatives from a variety of stakeholders such as; school board, community, economic development partners, relevant industry subject matter experts for program pathways, and IHE to provide support and guidance to the P-TECH in resource acquisition, curriculum development, work-based learning and student/community outreach to ensure a successful academic and career pipeline (Benchmark 3: Strategic Alliances);
- Assist in identifying, creating, and maintaining a list of high-demand occupations and programs of study and identify as local needs change, within our expertise and to the best of our knowledge (Benchmark 4: Curriculum, Instruction, and Assessment);
- Assist in recruiting and screening Accenture employees that mentor students;
- Assist in recruiting additional business and industry partners to support the P-TECH program;
- Volunteers/staff shall complete the volunteer application and background check every calendar year following SAISD procedures
- Volunteer its services & resources to the District in support of the P-TECH program. The services & resources provided by Accenture for the District is at no cost to the District. None of the company's employees nor anyone acting on behalf of the company ("actors") in the administration of its services to the District under the MOU shall be employed by the District nor considered a borrowed servant or borrowed employee of the District, with the District exerting no control over the actors.

SAISD will:

- Provide a smaller learning community within a larger high school as the P-TECH program at the Sam Houston High School and at St. Philips College;
- Designate a building level leader who has scheduling, hiring, and budget decisions that will coordinate with the Industry/Business partner liaison (Benchmark 1: School Design; Element 2a);
- Coordinate with business and industry partners to establish annual assessment measures and provide an opportunity for the industry/business partners to provide feedback on the value of the P-TECH program (Benchmark 4: Curriculum, Instruction, and Assessment);
- Coordinate with St. Philips College and business and industry partners to ensure curriculum alignment between high school, postsecondary and industry experience requirements;
- Establish a procedure or manner in the school for students to receive mentoring services;
- Ensure business and industry employees and students have access to computer and internet access on the campus;
- Assign students to participate in the program with business and industry employees;
- When applicable will secure reasonable manner any facilities in which business and industry partner leaves equipment or other materials for use in the program to prevent theft of such equipment and materials, but, in any event, SAISD will not be liable to for the theft of or damage to any such equipment or materials;
- Will provide for such student transportation as may be required to and from the college as required under State law, and for any P-TECH field trips, each pursuant to applicable SAISD rules and procedures;
- Provide for all student meals as required by state and federal law and SAISD rules and procedures. P-TECH students may purchase food from college food service facilities when on the College campus;
- Designate an adult sponsor to oversee the operation of mentoring as a whole. This sponsor must either be a school employee or someone authorized by the school to have access to students and facilities of the school;
- Designate a school leader to provide course path and program monitoring;
- Will coordinate with college and industry partners to develop implementation plan and annual operation budget.

District, at least annually thereafter during the term of the agreement, and at any time new covered employees are to be assigned to perform under the agreement.

Accenture shall not permit or assign any covered employee with a disqualifying criminal history to perform under the MOU at a SAISD school or wherever SAISD students are present. If Accenture receives information that a covered employee has a reported disqualifying criminal history, Accenture will immediately remove the covered employee from performing under the MOU and notify the SAISD of such removal in writing within three calendar days. If the SAISD objects to the assignment of any covered employee on the basis of the covered employee's criminal history record information, Accenture agrees to discontinue using that covered employee to provide services under the MOU.

The term of this MOU is from the time the MOU has been fully executed by both parties to end on June 30, 2020. The parties agree to review these terms at the conclusion of the noted school year.

TERMINATION

This MOU may be terminated by either of the parties upon giving of (60) days' notice of termination to the other party at the addresses below:


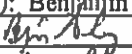
For Accenture: Accenture Laureate Office

ATTN: Ben Peavey
10931 Laureate Dr.
San Antonio TX 78249

For SAISD: San Antonio Independent School District
ATTN: Johnny Vahalik
141 Lavaca Street
San Antonio, TX 78210

The individuals executing the MOU on behalf of Accenture Federal Services, LLC and SAISD acknowledge that they are duly authorized to execute this MOU. All parties hereby acknowledge that they have read and understood this MOU and the attachments and/or exhibits hereto. This MOU shall not become effective until executed by each party. Also, the parties acknowledge that they will perform their respective duties under this MOU only after it is fully executed.

I have read and agree to the terms and conditions outlined above.

SAN ANTONIO INDEPENDENT SCHOOL DISTRICT	ACCENTURE FEDERAL SERVICES LLC
Name (Print): Pedro Martinez	Name (Print): Benjamin Peavy
Superintendent Signature: 	Signature: 
Date: 12-6-18	Title: Managing Director
	Date: 11/20/18
Signature:	Contact Telephone No: 210-445-5304
Name: Johnny Vahalik	E-mail Address: benjamin.a.peavy@accenturefederal.com
Title: Senior Executive Director	
Campus/Department: College, Career and Military Readiness	
Phone Number: (210) 554-2610	
E-mail Address: jvahalik1@saisd.net	



ALAMO COLLEGES DISTRICT
St. Philip's College

To: Dr. Mike Chancellor, Chancellor of Alamo Colleges District

Thru: Dr. Adena Williams Loston, President

Adena Williams Loston
2/12/19

Thru: Mr. Lacy Hampton, Vice President of College Services

[Signature]

Thru: Mr. Randall Dawson, Vice President of Academic Success

Randall Dawson 2/12/19

From: Mr. George Johnson III, Dean for Academic Success-CCAST

GJ 2/10/19

Date: Feb 11, 2019

Re: 2019 – 2020 MOU CYBER P-TECH USA at Sam Houston High School

-
- Please sign the attached MOU and return to Dean George Johnson.
 - The attached MOU will be forwarded from the Dean's office to Rosena Garcia at District Support Operations.
 - Ms. Garcia will present to the Chancellor's office for Dr. Flores' signature.
 - Ms. Garcia will distribute original signed copies to San Antonio ISD once Dr. Mike Flores, Chancellor has signed

VPCS
RECEIVED
FEB 12 2019



ALAMO COLLEGES DISTRICT
St. Philip's College



**ALAMO
 COLLEGES
 DISTRICT**



2019-2020

**PATHWAYS IN TECHNOLOGY EARLY HIGH SCHOOL
 MEMORANDUM OF UNDERSTANDING**

BETWEEN

**ST. PHILIP'S COLLEGE
 ALAMO COLLEGES DISTRICT**

AND

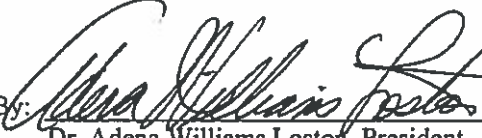
**CYBER P-TECH USA AT SAM HOUSTON HIGH SCHOOL
 SAN ANTONIO INDEPENDENT SCHOOL DISTRICT**

ST. PHILIP'S COLLEGE (herein referred to as "the College"), a college of the ALAMO COLLEGE DISTRICT (herein referred to as "Alamo Colleges District"), and the SAN ANTONIO INDEPENDENT SCHOOL DISTRICT (herein referred to as the "School District"), a Texas Independent School District contracting on behalf of its Pathways in Technology Early College High School (herein referred to as the "P-TECH"), enter the following Memorandum of Understanding ("MOU") for the creation of a P-TECH as of the 2019-2020 Academic Year. Collectively the partners are referred to as "Parties." The Parties enter into this Agreement under the general provisions of the Interlocal Cooperation Act, Texas Government Code Chapter 791.

The purpose of this MOU is to outline the collaboration of the parties, as listed above, in creating a P-TECH in the development, support, and operation of grades 9-14. The School District will not exclude or discourage the enrollment of any of the subpopulations of at-risk students (as defined by The Public Education Information Management System), including, but not limited to, students who are of limited English proficiency or who have failed a state administered assessment. Enrollment decisions shall not be based on state assessment scores, discipline history, teacher recommendation, or minimum grade point average (GPA).

Intending to be bound, the parties sign below.

ST. PHILIP'S COLLEGE / ALAMO COLLEGES DISTRICT

By: 
Dr. Adena Williams Loston, President
St. Philip's College

2/12/2019
Date



By:  ON BEHALF OF DR. FLORES
Dr. Mike Flores, Chancellor

2-13-19
Date

San Antonio Independent School District

By: 
Mr. Pedro Martinez, Superintendent

2-16-2019
Date

Attachments:

- Exhibit A: Alamo Colleges District Principles on Dual Credit & Early College Partnerships
- Exhibit B: St. Philip's College Information Technology Cybersecurity Specialist, O.S.A., Level 1 Certificate and A.A.S. Degree Plans
- Exhibit C: St. Philip's College - Required Materials and Related Information for the Implementation of Information Technology Cybersecurity Specialist, A.A.S. Degree Plan with Cyber P-TECH USA at Sam Houton High School - San Antonio Independent School District
- Exhibit D: Cisco Systems, Inc. Certification and Confidentiality Agreement