



#### **PURPOSE**

This Dual Credit Partnership Agreement ("Agreement") will serve as the instructional partnership between Laredo College (the College) and Laredo Independent School District (the District), enter into the following Memorandum of Understanding ("MOU") effective August 15, 2024 ("Effective Date") through August 15, 2029. This agreement complies with House Bill 1638( 85<sup>th</sup> Legislature, Regular Session), House Bill 3650 (86<sup>th</sup> Legislature, Regular Session) & Senate Bill 1277 (87<sup>th</sup> Legislature, Regular Session).

#### 1) **DUAL CREDIT COURSES** (Statewide Goal 4)

- a. Dual credit courses are courses in which a high school student enrolls in a college course and receives simultaneous academic credit for the course from both the college and high school. Courses offered for dual credit must be identified by the College as college level academic or college level workforce courses.
- b. The College will teach dual credit course sections with at least a minimum number of 12 students per section. Exceptions can be made on a case by case basis and as agreed between both institutions.
- c. The College is not required under this Agreement to offer dual credit courses for District high school students if prevailing conditions at the college prohibit the College from doing so such as financial exigency.
- d. The College will ensure that all dual credit courses taught by all college faculty adhere to the same instructional standards, rigor, practices, procedures and policies outlined by the College, Texas Higher Education Coordinating Board (THECB), Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and other appropriate accrediting or regulatory agencies as any other equivalent college level course.
- e. The District and The College will develop a course crosswalk identifying the college and high school courses for dual credit (see addendums).

#### 2) STUDENT ELIGIBILITY

- a. To be eligible for enrollment in dual credit courses high school students must meet the college's admission criteria this includes requiring students to have a processed admissions application, which consists of completing a Laredo College online admissions application (Apply Texas Application) and providing additional required documents as follows:
  - i. Most recent school transcript, and
  - ii. Official Texas Success Initiative (TSI) Scores (if applicable) and/or
  - iii. Demonstrates exemption under the provisions of the Texas





Success Initiative and is otherwise approved by Laredo College.

- iv. Demonstrate compliance with vaccination requirements.
- b. The High School Student interested in taking a Dual credit course must submit all admissions paperwork no later than two weeks before the beginning of a new semester at Laredo College.
- c. The College requires that any high school student demonstrate eligibility to enroll in dual credit courses by meeting (1) Texas Success Initiative; (2) Texas Administrative Code for dual credit standards; and (3) LC's course placement requirements.
- d. The District's eligibility for specific programs varies. Students must refer to the appropriate handbook requirements and minimum GPA standards for each course.
- e. Students must meet all the college's regular academic prerequisite requirements as outline in our Laredo College catalog for each designated dual credit course.
- f. Students must remain in good academic standing at their high school and at the College while enrolled at both institutions. Students identified to not be in good academic standing will not be allowed to enroll in subsequent semesters. Students not in good academic standing wishing to enroll regardless must submit an LC appeal form and if approved the student will be allowed to enroll with certain conditions. Grades of "F" earned at LC and students with a GPA below 2.0 will indicate that the students are not in good academic standing. Students in specialty programs have higher grade standards (minimum of C/70% per course) than other college courses and/or programs, these specialty programs are outlined in our Laredo College catalog.

#### 3) <u>STUDENT RECRUITMENT</u>

- a. The District will recruit eligible high school students with ample time to submit admissions and enrollment documents to the College. The recruitment process will include, but is not limited to, a website that will provide recruitment and admission information; the distribution of recruitment/admission packets; and information meetings to explain the opportunities and commitment required of Dual Enrollment students. Information will be presented in a bilingual mode.
- b. The College's specialty programs such as those in the Health Science Programs may require a secondary specific program admissions application and selection criteria as part of the recruitment process.
- c. The District and the College will establish a set of expectations for the cohort seeking participation in the Dual Enrollment program to be shared with students and parents.





d. The College will participate in the District's Parent-Student Dual Enrollment Informational Sessions scheduled for each campus.

#### 4) PARENTAL INVOLVEMENT & OUTREACH (Statewide Goal 1)

- a. The District will lead parental involvement and outreach efforts to ensure parents/guardians understand the Dual Enrollment concept and that students are earning college credit which may have long-term ramifications on their college careers and federal financial aid eligibility. High-level behavior and academic standards are expected of Dually-Enrolled students and parents of these students are expected to be involved in the program.
- b. The District personnel, counselors, and administrators will be responsible for all communication with parents. College personnel will not be expected to communicate directly with parents due to the Family Educational Rights and Privacy Act ("FERPA").

#### 5) LOCATION OF CLASSES & SCHEDULE

- a. Dual Enrollment courses will be taught on the College campuses, High Schools, Online or Hybrid in accordance with the College's instructional calendar. Online courses are reserved for LC faculty only unless otherwise approved by the College under emergency or unforeseen circumstances.
- b. The College will offer Dual Enrollment courses for the District based on a mutually agreed upon location, schedule, and calendar which will be conveyed in writing and revised as needed.
- c. The College will require the District to provide a list of courses to be taught in the upcoming semester by specified deadlines.
  - i. Fall deadline for spring semester courses September 30 of each fall
  - ii. Spring deadline for Summer and Fall courses February 1, of each spring

#### 6) COMPOSITION OF CLASSES

- a. Dual Enrollment courses which include Dual Credit and concurrent courses such as GOLD and Summer Academy may be composed of dual credit students or dual credit and college students.
- b. High school face-to-face Dual Enrollment courses will only be composed of high school students enrolled in the College course.

#### 7) FACULTY, SUPERVISION & EVALUATION (Statewide Goal 3)

a. The College will select instructors for college-level dual credit courses. The College is responsible for certifying credentials of high school faculty who will be teaching college credit courses.





- b. Instructors must be regularly employed faculty members of the College or must meet the same standards (including minimal requirements of the Southern Association of Colleges and Schools Commission on Colleges) and approval procedures used by the College to select adjunct faculty responsible for teaching the same college-level courses at the College.
- c. High school teachers selected to teach Dual Enrollment courses must meet the same approved criteria that the College uses for adjunct faculty and will be evaluated each instructional semester by the College's appropriate Department Chair using the same evaluation instruments and procedures that are used for faculty at the College. Approved high school teachers will be granted access to the College's facilities, services, and resources.
- d. Dual Enrollment students will evaluate their instructors using the same evaluation instruments and procedures that are used for faculty at the College.
- e. The District will share with the College data on faculty qualifications to determine eligibility to teach dual credit courses.
- f. The District and the College shall participate in joint professional development for faculty and staff.

#### 8) COURSE CURRICULUM, INSTRUCTION & GRADING

- a. The College Dual Enrollment courses are equivalent to any other college level courses with respect to curriculum, instruction, and grading criteria.
- b. Dual Enrollment courses will meet or exceed Texas Essential Knowledge and Skills (TEKS) and statewide assessments applicable under TEC Subchapter B Chapter 39 for the courses they replace. Reinforcement of these TEKS will be the responsibility of the District during non-college instructional days.
- c. Textbooks/Materials/Technology used in Dual Enrollment courses will be the same as those used in the regular college course taught by the College. The college will make every reasonable attempt to adopt textbooks for a minimum period of three (3) years, whenever possible and consider open resource textbooks.
- d. Students enrolled in Dual Enrollment course(s), offered under this Agreement, will have access to all available instructional resources at the College.
- e. The College will report student midterm letter grades, final letter grades, final numerical grades and GPAs to District designees via a secured File Transfer Protocol (FTP) folder.





- 9) ACADEMIC POLICIES & STUDENT SUPPORT SERVICES (Statewide Goal 3)
  - a. Regular academic policies applicable to college-level courses taught by the College will also apply to Dual Enrollment courses offered under this Agreement. These policies include the appeal process for disputed grades, academic probation, drop policy, the communication of grading policy to students, distribution of course syllabus and any pertinent policies or guidelines associated with the Dual Enrollment courses.
  - b. Student drops will only be processed upon the District's request. A request to drop from a student or a parent/guardian will not be accepted. Drops after the census period will require the District's internal drop form to be submitted to the College's Office of Recruitment and Dual Enrollment. Students dropping after the census period will not be allowed to enroll in other courses during the same semester even if the student is moving to another campus within the District offering the same course. The exception is GOLD students with approval from the District.
  - c. Students in Dual Enrollment courses will be eligible to use the same or comparable support services that are afforded to College students. The College will be responsible for ensuring timely and efficient access to enrollment services such as advising, counseling, academic support services, disability services, and transferability of credit to two-year and four-year institutions, and other benefits for which the student may be eligible.
  - d. In compliance with Senate Bill 1277 both the District and the College will designate an employee as responsible for providing academic advising to all students enrolled in Dual Enrollment courses as follows:

	District Designees								
Early Start Pathway	Early College Program	CTE Workforce Courses							
Middle School - Counselor	Early College Counselor	Grade Level Counselor							
High School - Academic Coordinator									
	College Designees								
Academic Programs	Workforce Programs	Health Sciences Programs							
Career & Transfer Center (Academic Advisors)	Department Chair or Faculty/Staff Designee	Department Chair or Faculty/Staff Designee							

e. Students in Dual Enrollment courses will be subject to the College's Code of Student Conduct and Discipline in addition to the District's Student Code of





Conduct. The College will reserve the right to take appropriate action on academic and behavioral misconduct on any Dual Enrollment student regardless of where the courses are taught. The College will defer to the District to take any necessary action for conduct and discipline over Dual Enrollment students that occur at the high school campus.

f. Students in Dual Enrollment courses will be subject to the provisions of Title IX policies.

#### 10) TRANSCRIPTION OF CREDIT

- a. The College will manage the Dual Enrollment student's college transcript, ensuring that Dual Enrollment courses are recorded as college-level courses. College credits will be added to the student's transcript in the same semester in which they are earned. The District will be responsible for maintaining the high school student's transcript.
- b. The student will be responsible for obtaining their College transcript for their District file.

#### 11) FUNDING (Statewide Goal 1)

- a. Applicable tuition and fees will be charged to the District for the number of students participating under this Agreement. Student drops after the census period will generate tuition fees. Tuition and fees are subject to change based on the actions of the Laredo College Board of Trustees.
  - As of Spring 2024 the Laredo College Board of Trustees approved a tuition and fees waiver for all Dual Enrollment students of Laredo ISD. This waiver will be valid for a subsequent semester as long as the Texas Higher Education Coordinating Board allows the College to participate in the Financial Aid for Swift Transfer (FAST) program.
- b. This tuition agreement is only between educational institutions outlined in this Agreement.
- c. The School District will be responsible for student transportation to support this dual enrollment initiative when necessary.

#### **12)** TRANSITION TO COLLEGE (Statewide Goal 2)

- a. The District will promote a college-going culture by displaying college readiness materials including FAFSA forms, Apply Texas step-by-step, College applications, and other related items.
- b. The College will participate with each high school campus to assist with academic engagement activities, promote college awareness and participation,





and assist with the overall admissions and enrollment process of graduating seniors.

- c. The College will utilize common advising strategies related to dual credit and college readiness.
- d. The College will develop & provide literature outlining pathways for endorsements linking to post-secondary credentials.

#### 13) MARKETING & CO-BRANDING

In exchange for its contribution to the partnership, the College reserves the right to be cobranded as follows:

- a. The full name "Laredo College" is to be included in the official title/name of the high school dual enrollment program; for example: "Laredo Independent School District and Laredo College".
- b. The logo and full name "Laredo College" are both to be included in all marketing, advertising, social media, print media, and/ or new media pertaining to District programs that involve this Dual Enrollment program.
- c. The logo and full name "Laredo College" are to be included in other areas designated by the District as appropriate.
- d. The use of the College logo must meet Marketing Department guidelines.

#### 14) EDUCATIONAL RECORDS & DATA SHARING

- a. For legitimate educational interests, the College and District will facilitate the exchange of information among institutions, Dual Enrollment high school teacher facilitators, Dual Enrollment high school adjunct faculty and staff, and UISD contacts: 1) pertaining to students' progress toward the opportunity to earn college credit; 2) to facilitate early intervention and support student success, 3) pertaining to whether college credit is earned, accepted and/or declined; 4) to facilitate accurate recordkeeping; 5) to address academic integrity issues; and 6) for use in the College's outreach and recruitment. If either party obtains access to LISD and/or the College's record systems protected under FERPA, each party agrees to strictly adhere to the provisions of FERPA and its regulations. While in possession of FERPA records and data, only persons authorized to access the student data related to the Dual Enrollment program will be granted access as required by FERPA.
- b. Data Type
  - i. The District agrees to provide individual student-level data to the College's Dual Enrollment Office or any other designated office for the purpose of implementing, billing, and evaluating the Dual Enrollment program and informing students of academic opportunities at Laredo College. The District hereby appoints Laredo College as a legitimate educational official of the District in accordance with the Family Educational Rights and Privacy Act (FERPA). Likewise, Laredo College hereby appoints the District as a legitimate educational official of Laredo College in accordance with FERPA. The Dual Enrollment





Office agrees to provide individual student-level data to the District for the purpose of evaluation, accountability, and student record-keeping.

ii. Data Type by Institution

#### **THE DISTRICT Data**

- Campus Name
- Student Name
- Student DOB
- Student high school ID number
- Qualifying GPA
- TSIA Scores & Date of Assessment
- Qualifying EOC Scores & Date of Assessment
- Class rosters with student high school ID number, LC ID number, and TSDS number

#### LC Data

- Campus Name
- Student Name
- Student DOB
- Student high school ID number
- Student LC ID number
- Class rosters with student high school
   ID number & LC ID number
- Grades
  - Midterm letter grades only
  - Final letter and numerical grades
- LC GPA
- Credit Hours Earned

#### c. Data Protection

- i. All files will be exchanged using secure systems and in an encrypted, password protected electronic format by the District and the College.
- ii. The College assures that in all reports, electronic or otherwise, derived from information made available under this agreement, all data shall be aggregated in such a way that no individual will be identified directly or by deduction. The College further assures that the data elements will not be released to a third party without prior written parental or student consent, as applicable.
- iii. Any unauthorized disclosure of confidential student information is a violation of FERPA and the implementing regulations found in 34 CFR Part 99 and shall not be permitted to occur.
- iv. While in possession of these data, both parties shall permit access only to employees and contractors authorized to assist in the implementation or evaluation of Dual Enrollment program to have access to the data. Both parties agree to store the data in an encrypted format in a secure and locked area and to prevent unauthorized access.
- v. All persons authorized to have access to the data have certified their understanding that they may be held individually liable for any and all criminal and civil penalties imposed for breach of confidentiality





("Access to Confidential Data").

#### 15) INDEMNITY

- a. To the extent permitted by Article XI, Section 7 of the Texas Constitution, and with the mutual understanding that the College is a political subdivision of the State of Texas and that an indemnity obligation cannot be paid from current revenues and that no order, resolution, tax nor interest and sinking funds has been set, adopted or established for payment of this indemnity obligation, and without expanding the College's liability beyond the statutory limits of the Texas Tort Claims Act or under existing law, and furthermore, without waiving the College's immunity beyond the scope of that allowed by the Texas Tort Claims Act or existing law, the College shall indemnify and hold harmless the District and its officers, agents, and employees, and assigns from all suits, actions, damages, demands or other claims of any character brought for or on account of injury to a person or property arising solely from the College own acts of negligence in carrying out its obligations under this Agreement.
- b. To the extent permitted by Article XI, Section 7 of the Texas Constitution, and with the mutual understanding that the District is a political subdivision of the State of Texas and that an indemnity obligation cannot be paid from current revenues and that no order, resolution, tax nor interest and sinking funds has been set, adopted or established for payment of this indemnity obligation, and without expanding the District's liability beyond the statutory limits of the Texas Tort Claims Act or under existing law, and furthermore, without waiving the District's immunity beyond the scope of that allowed by the Texas Tort Claims Act or existing law, the District shall indemnify and hold harmless the College and its officers, agents, and employees, and assigns from all suits, actions, damages, demands or other claims of any character brought for or on account of injury to a person or property arising solely from the District's own acts of negligence in carrying out its obligations under this Agreement.

#### **16) TERMS OF AGREEMENT**

- a. Both the College and the District reserve the right to unilaterally terminate this Agreement through a written notice to the non-terminating party given within ninety (90) days prior to the effective termination date.
- b. Students enrolled in Dual Enrollment courses at the time the termination notice is given will be permitted to complete the course(s) until the end of the semester in which the notice is first given.
- c. An amendment to this Agreement is not effective until approved in writing by an authorized representative from the College and the District. This would include





changes and additions to the College Catalog and course crosswalks

#### 17) **GENERAL PROVISIONS**

- a. Each party acknowledges that the other is obligated to strictly comply with the Public Information Act, Chapter 552, Texas Government Code, in responding to any request for public information pertaining to this agreement.
- b. This Agreement is performable in Webb County, Texas. Further, the validity of this Agreement and all matters pertaining to this Agreement, including but not limited to, matters of performance, non-performance, breach, remedies, procedures, rights, duties, and interpretation or construction, shall be governed and determined by the constitution and the laws of the State of Texas.
- c. Neither party is required to perform any term, condition, or covenant of this Agreement, if performance is prevented or delayed by a natural occurrence, a fire, an act of God, an act of terrorism, or other similar occurrence, the cause of which is not reasonably within the control of such party and which by due diligence it is unable to prevent or overcome.
- d. Any notice required or permitted under this Agreement must be in writing, and shall be deemed to be delivered (whether received or not) when deposited with the United States Postal Service, postage prepaid, certified mail, return receipt requested, and addressed to the intended recipient at the address set out below. Notice may also be given by regular mail, personal delivery, courier delivery, facsimile transmission, email or other commercially reasonable means and will be effective when actually received. Each party can change its respective notice address by sending to the other party a notice of the new address. Notices should be addressed as follows:

Laredo College

Attn: Dr. Minita Ramirez
West End Washington Street

Laredo, Texas 78040 Phone: (956) 722-0521 Fax: (956) 721-5381

Email: president@laredo.edu

Laredo Independent School District

Attn: Dr. Sylvia G. Rios 2400 San Bernardo Ave Laredo, TX 78041

Phone: (956)795-3200 Fax: (956)-795-3405

Email: sgrios@laredoisd.org

This Agreement shall become effective upon approval by the governing board of Laredo ISD, upon signing by the Board President of Laredo ISD or his/her designee, and upon signing by the President of Laredo College. This Agreement shall remain in effect for 5 years unless amended or terminated by either party with ninety (90) days written notice pursuant to Section 16 of this Agreement.





Dr. Minita Ramirez

LC President

Dr. Sylvia G. Rios
District Superintendent

Aug 15, 2024
Date

8|15|2024 Date





#### **Course Crosswalks**

Addendum 1
HB1 Academic Dual Credit Courses

# Laredo ISD HB1 Equivalency Table

as of 6/24/2021

PEIMS Course	HS Course	HS Course #	HS Course #	HS Credits	LC Course	LC Credits	Campus
3220300	English III	ENG 3	D110133	1	ENGL 1301	3	All campuses
3220400	English IV	ENG 4	D110143	1	ENGL 1302	3	All campuses
3330100	U.S. Government	GOVT	D410523	0.5	GOVT 2305	3	All campuses
3380021	Social Studies Advanced Studies (2nd Time Taken)	SSADV2	D410031	1	GOVT 2306	3	All campuses
N1302104	Kinesiology I	KINES1	D810911	1	KINE 1301	3	All campuses
3350100	Psychology	PSYCH	D410423	0.5	PSYC 2301	3	All campuses
3102500	Independent Studies in Math (1st time taken)	INSTUMTH	D210753	1	MATH 1314	3	All campuses





Addendum 2 HB5 Career Technical Education

# Laredo ISD Equivalency Table HB 5 as of 3/10/2022

PEIMS Course	HS Course	HS Course #	HS Course #	HS Credits	LC Course	LC Credits	Campus
N1303769	Intro to Computer Aided Design & Drafting	INTRCAD D	D81E111	1	DFTG 1305	3	CHS
13036500	Engineering Design and Presentation I	ENGDSP R1	D86E023	1	DFTG 1309	3	CHS
13004600	Architectural Design I	ARCHDS N	D86E103	1	DFTG 2330	3	CHS
N1303770	Intermediate Computer Aided Design & Drafting	INTMCA DD	D81E121	1	DFTG 2340	3	CHS
13011500	ВІМ ІІ	BUSIM2	D810021	1	ITSC 1405	4	CHS, MHS & NHS
3580850	Foundations of Cyber Security	TAFCYB	D813621	1	ITNW 1425	4	CHS, MHS & NHS
13027410	Networking/Networking	NETWRL	D813524	2	ITSY 1400	4	CHS, MHS & NHS
13027410	Lab	AB	D613324	2	ITSE 1429	4	CHS, MHS & NHS
N1302805	Geographic Information Systems	GIS	D81E321	1	GISC 1311	3	CHS
N1302807	Spatial Technology & Remote Sensing	SPATEC RS	D81E521	1	GISC 2320	3	CHS
N1302806	Raster-Based Geographic Information Systems	RBGIS	D81E421	1	GISC 1491	4	CHS
12005000	Heating, Ventilation, and Air Conditioning	HVACRE	D040404	4	HART 1407	4	CHS
13005800	(HVAC) and Refrigeration	F1	D812131	1	HART 1401	4	CHS





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	Technology I				<u> </u>		
13005600	Floatrical Tachnology I	ELECTE	D812343	1	MAIR 1449	4	CLIC
13003000	Electrical Technology I	C1	D612343	<b>'</b>	HART 2438	4	CHS
N1300430	Sheet Metal Technology	SHTMTL	D813921	1	HART 1356	3	CHS
M	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II				HART 1445	4	CHS
13005900		HVACRE	D942024	2	MAIR 2331	4	CHS
13003900		F2	D812031	2	HART 1441	4	CHS
					HART 2436	4	CHS
12701300	Career Preparation I	CAREER	813234	2	HART 1451	4	one
12701300	Career Freparation 1	P1	013234	2	HART 2280	4	CHS





#### Addendum 3 Cantu ECHS

# Dr. Dennis D. Cantu Early College High School 4 Year Graduation Plan

Physical Health O.S. Foreign TOTAL English Social Studies 3 credits and Math Science Education / **Fine Arts** cr. and Electives 6 credits Language POSSIBLE 4 credits 4 credits 4 credits Economics 0.5 cr. Elective 1 credits ECHS/LC require 6 + Speech 0.5 2 credits HOURS 1 credit er Pre Professional PAP Algebra I **RUSIM1** Principles of 23121F or 51 D831841 Health Honors ALG II COSC 1301 (D) Science PAP World 230321 PAP Biology 9th History Spanish 1 6 Fine Art 33021F/S 430211 Physical D61F113 PAP English 52 Education/ ART 1301 (D) 13011F/S Elective or MUS 1301 (D) Physical Advance Social Honors PAP **Psychology** Studies Education/ PAP English II Algebra II Chemi stry D41F423 D41F223 Elective 5 230321 330124 PSYC 2301 (D) HIST 1301 (D) credit 10th Spanish For 12 Grade AP Spanish Kinesiology 0810911 AP USHISTORY 52 PAP Geom KINE 1301 (D) HIST 1302 (D) Anatomy and PAP Pre CAL Physiology AP English (needing TSI) MDCA 1409 Government Language Honors (0.5 CREDIT) Cont. Ed. D11F133 **Physics** D41F143 **ENGL 1301** Independent 330321 GOVT 2305 (D) Elective/ study in Math 11th AP Spanish College D21F153 19 Grade language Math 1314 (D) Transition HEALTH SCIENCE HEALTH SCIENCE Science AP English THEORY 868521 THEORY 868521 Independent Research **Uterature** study in Math Design 52 D11F133 D21F341 D31F533 ENGL 1302 Math 1342 (D) BIOL 1306 or (D) 2301 **SPAN 1411** Growth Dev Independent D510414 D810043 PSYC Special Topics and SPAN 2314 English (0.5 CREDIT) 1412 AP CHEM D11F843 D41F233 (Students GOVT2306 (D) ENGL 2351 AP Calculus/ that took 12th (D) AQR/CPMATH and passed 24 Grade (needing TSI) AP Spanish Elective/ Speech (0.5 College with a 3+ credit) Economics (0.5 will not have Transition/ SPCH 1315





Addendum 4





# T-STEM EARLY COLLEGE COMPUTER SCIENCE CROSSWALK

Grade Level	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies 3 Credits	LOTE 2 Credits	PE 1 Credit	Fine Arts 1 Credit	Elective	Computer Science	College Hours Total 69
	PAP English I 18E013	PAP GEOM 28E023				PE/Elective	MUSI 1306 D610113		Computer Science (LOTE)	3 Fall
9 <sup>th</sup> Grade		Honors ALG II 21E321	PAP Biology 38£013	PAP World Hist. 48E013 & PSYC 2301 D410423	ĺ				AP Computer Science Principles (LOTE)	3 Spring
10 <sup>th</sup>	PAP English II 11E113	ind Studies Math (1st time taken) MATH 1314 D210753		SSADV1 HIST 1301 D410E021		PE/Elective		GOVT 2305 1 9 Wks.D410523 GOVT 2306 2 9 Wks.D410031	Computer Science II	12 Fall
Grade	English III ENGL 1301 D110133	MATH 2412 D21F863 PRE: MATH 1314	PAP CHEM 33E021	US History HIST 1302 D41E133					AP Computer Science A	10 Spring
11 <sup>th</sup>	English IV ENGL 1302 D110143	Ind Studies Math (2nd time taken) MATH 2413 Calculus I PRE: MATH 2412		Economics 1" 9 Wks. Path CC 2" 9 Wks.		PE/Elective			COSC 1436 Programming Fund. I PRE:TSIA2 MATH or Concurrent MATH 1314	11 Fall
Grade		Ind Studies Math (3rd time taken) MATH 2414 D21E331 PRE MATH 2413	PHYS 2325 PHYS 2125 PRE: TSIA ELAR & MATH 2413					Health/Speech 81E023	COSC 1437 Programming Fund. II PRE:COSC 1436	12 Spring
12 <sup>th</sup> Grade	Ind. Studies in English ENGL 2327 D110183		PHYSICS 2326 PHYS 2126 PRE: PHYS 2325/2125 & MATH 2414			PE/Elective		Engineering Design & Presentation	COSC 2436 Programming Fund. III PRE:COSC 1437	11 Fall
		Discrete Math MATH 2305 D81E313 PRE: MATH 2413						Engineering Design & Presentation	COSC 2425 Computer Organization PRE:COSC 1436	7 Spring





Not all science courses are listed with high school equivalency on crosswalk, both workforce courses are listed on HB5 equivalency table.





# Addendum 5 Sabas Perez (T-STEM Alternative Options)

#### SABAS PEREZ EARLY COLLEGE ACADEMY CROSSWALK (ENGINEERING)

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*}				
		*Networking Technolog	gies	
		Level I Certificate	Credit Hours	Contact Hours
ITSC	1405	Introduction to PC Operating Systems (FALL)	4	80
ITNW	1425	Fundamentals of Networking Technologies (FALL)	4	80
FTSY	1400	Fundamentals of Information Security (SPRING)	4	80
ITSE	1429	Programming Logic & Design- Python (SPRING)	4	80
		Total Hours	16	320

		*CADD		
		Level I Certificate	Credit Hours	Contact Hours
DFTG	1305	Technical Drafting (FALL)	3	96
DFTG	1309	Basic Computer-Aided Drafting (FALL)	3	96
DFTG	2340	Solid Modeling (SPRING)	3	96
DFTG	2330	Civil Drafting (SPRING)	3	96
		Total Hours	12	384

	12 <sup>th</sup> Grade Science Pathways*								
		Engineering Majors	Credit Hours						
PHYS	2325/2125	University Physics I	3/1						
PHYS	2326/2126	University Physics II	3/1	***************************************					
		NON-Science Majors							
PHYS	1315	Physical Science I	3						
GEOL	1301	Earth Science for Non Majors/Lab	3/1						
		8IO Majors							
PHYS	1301	College Physics I	3						
PHYS	1302	College Physics II	3						





# Addendum 6 (Updated Crosswalk Needed, HVAC & Welding; removal of KINE & COSC & ELPT)



DR. LEO G. CIGARROA PATHWAYS TO TECHNOLOGY (PTECH) EARLY COLLEGE HIGH SCHOOL CROSSWALK

Grade Level	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies 3 Credits	LOTE 2 Credits	PE/Elective 1 Credit	Fine Arts/Compute r Applications 1 Credit	Elective	CTE Electives	College Hours
9 <sup>th</sup> Grade	English I	ALGI	Biology	World History	Spanish I	PE/Elective  KINE 1301 (Dual) S2	ARTI	Health/Speech	Principles of Construction/ Agriculture	3 Hours
10 <sup>th</sup> Grade	English II	Geometry	Chemistry	US History	Spanish II AP SPAN	Elective	BIM COSC 1301 (Dual) S1	Precision Metal Manufacturing I WLDG 1425 WLDG 1428	Precision Metal Manufacturing II WLDG 1407 WLDG 1417	19 Hours
11 <sup>th</sup> Grade	English 3	ALG 2	Physics	Government Economics		College Transition Elective		Electrical Technology I HVAC I HART 1407 HART 2438	HVAC II HART 1401 MAIR 1449	16 Hours
12 <sup>th</sup> Grade	College PrepELA	College Prep Math	Scientific Research and Design			Elective Construction Management I <sup>a</sup>		Electrical Technology if ELPT 1325 ELPT 1311	Construction Tech II ELPT 1315 ELPT 1429	16 Hours
									7010	54 Hours

Students will complete 3 One Semester Dual Enrollment Workforce Certificates: Welding Certificate, Electrician Helper Certificate, and HVAC Technician Helper





# Addendum 7 Business, Industry & Public Services- Business Track



#### J.W. NIXON BIPS EARLY COLLEGE ACADEMY- BUSINESS



Grade	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies	LOTE 2 Credits	PE 1 Credit	Fine Arts	Elective	Business Electives	College
9" Grade	PAP English	PAP Algebra I	PAP Blology	PAP World History	AP Spanish I	PE/Elective  KINE 1301 Foundations of Kines lology	1 Credit	Health/Speech/ Band/Athletics BIM/COSC 1301 Introduction to Computing		Hours 6
10 <sup>th</sup> Grade	PAP English II	PAP Geometry PAP Algebra II	PAP Chemistry	HIST 1301 United States History I HIST 1302 United States History II	AP Spanish II	PE/Elective	ARTS 1301 Art Appreciation	8and/Athletics  SOCI 1301 Intro to Sociology	Financial Math	12
11 <sup>th</sup> Grade	English III ENGL 1301 Composition I English IV ENGL 1302 Composition II	MATH 1324 Mathematics for Business & Social Sciences	Pre AP Physics  B.Q. 1308 Biology for Non-Science Majors I B.Q. 1108 Biology for Non-Science Majors Lab II	GOVT 2305 Federal Government GOVT 2306 Texas Government		PE/Elective		Band/Athletics	ACCT 2401 Prin. of Financial Accounting	23
12 <sup>th</sup> Grade	College Prep ELA ENGL 2327 American Literature I	College Prep Math MATH 1325 Calculus for 8us iness & Social Sciences	B OL 1309 Biology for Non-Science Majors II B OL 1109 Biology for Non-Science Majors Lab III	<		PE/Elective		Band/Athletics	ACCT 2402 Prin. Of Managerial Accounting ECON 2301 Prin. of Macroeconomics ECON 2302 Prin. of Microeconomics	20

TOTAL: 61 hours

Revised 01/31/2022





# Addendum 8 Business, Industry & Public Services- Education Track



# J.W. NIXON BIPS EARLY COLLEGE ACADEMY- EDUCATION



Grade Level	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies (3 CR.)	LOTE 2 Credits	PE 1 Credit	Fine Arts 1 Credit	Elective	Education Electives	College
9 <sup>th</sup> Grade	PAP English I	PAP Algebra I	PAP Biology	PAP World History	AP Spanish I	PE/Elective  K:NE 1301 Foundations of Kinesiology		Health/Speech/ Band/Athletics BIM/COSC 1301 Introduction to Computing	13	6
10 <sup>th</sup> Grade	PAP English II	PAP Geometry PAP Algebra it	PAP Chemistry	HIST 1301 United States History I HIST 1302 United States History II	AP Spanish II	PE/Elective	ARTS 1501 Art Appreciation	Band/Athletics  SOCI 1301 Intro to Sociology	PSYC 2314 Lifespan Growth & Development	15
11 <sup>th</sup> Grade	English III ENG. 1301 Composition I English IV ENG. 1302 Composition	MATH_1314 College Algebra	BIOL 1308 Biology for Non-Science Majors I BIOL 1108 Biology for Non-Science Majors Lab I	GOVT 2305 Federal Government GOVT 2305 Texas Government		PE/Elective		Band/Athletics	EDUC 1301 Introduction to Teaching Profession	22
12 <sup>th</sup> Grade	College Prep ELA ENGL 2327 American Literature II	College Prep Math  MATH 1350  Math for Teachers I MATH 1351  Math for Teachers III	GEOL 1301 Earth Science Non-Science Majors GEOL 1301 Earth Science Non-Science Majors tab PHYS 1315 Physical Science PHYS 1115 Physical Science tab			PE/Elective		Band/Athletics	Practicum in Education & Training	17

TOTAL: 60 hours

Revised 01/31/2022





# Addendum 9 Business, Industry & Public Services- Law Enforcement Track



# J.W. NIXON BIPS EARLY COLLEGE ACADEMY- LAW ENFORCEMENT



Grade Levei	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies (3 CR.)	LOTE 2 Credits	PE 1 Credit	Fine Arts 1 Credit	Elective	Law Enforcement Electives	College
9 <sup>th</sup> Grade	PAP English I	PAP Algebra I	PAP Biology	PAP World History	AP Spanish I	PE/Elective  KINE 1301 Foundations of Kinesiology	Tereor	BIM/COSC 1301 Introduction to Computing Health/Speech/ Band/Athletics	DICTIVES	6
10 <sup>th</sup> Grade	PAP English II	PAP Algebra II	PAP Chemistry	HIST 1301 United States History I HIST 1302 United States History II	AP Spanish II	PE/Elective	ARTS 1301 Art Appreciation	Band/Athletics  SOC 1301 Intro to Sociology	Law Enforcement    SOCI 1306 Social Problems	15
11 <sup>th</sup> Grade	English III ENG. 1301 Composition I English IV ENG. 1302 Composition		Pre AP Physics  8:011308 Biology for Non-Science Majors Biology for Non-Science Majors Lab I	GOVT 2305 Federal Government GOVT 2306 Texas Government		PE/Elective		Band/Athletics	CR J 1301 Intro to Criminal Justice CR J 1310 Fundamentals of Criminal Law	22
12 <sup>th</sup> Grade	College Prep ELA ENGL 2327 American Literature I	College Prep Math  MATH 1342 Elementary Statistical Methods	BIOL 1309 Biology for Non-Science Majors II BIOL 1109 Biology for Non-Science Majors Lab II			PE/Elective		Band/Athletics	CRU 2313 Correctional Systems & Practices CRU 2325 Police Systems & Practices CRU 1305 Court Systems & Pract (9 HR CRU -reg)	19

TOTAL: 62 hours

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