

Channelview ISD  
Dual Credit  
Course Crosswalks  
Updated 10/02/2023

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# ACADEMIC DUAL CREDIT

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	COLLEGE HOURS	WT	CTE
<b>11TH GRADE</b>								
Year 1/Grade 11	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
<b>12TH GRADE</b>								
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies (2 <sup>nd</sup> Time)	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	03310300	Economics	.5	ECON 2301	Principles of Macroeconomics	3	✓	

## NOTE

- You need to be on the AP History Pathway in order to be in Dual Credit Junior year (AP Human Geography, AP World History, AP US History, AP US Government, AP Macroeconomics)

## AP EXAMS/COLLEGE CREDIT

San Jacinto College awards college credit for certain Advanced Placement (AP) program tests. Students should submit official scores from completed tests to the Educational Planning, Counseling, and Completion Office, who evaluates the scores and authorizes the posting of credit.

AP EXAM	MINIMUM SCORE	HOURS OF CREDIT	COURSE CREDIT
Art History	3	3	ARTS 1303
Biology	3	4	BIOL 1306/1106
Biology	4	8	BIOL 1306/1106, and 1307/1107
Calculus AB	3	4	MATH 2413
Calculus AB Subscore	3	4	MATH 2413
Calculus BC	3	8	MATH 2413, 2414
Chemistry	3	4	CHEM 1311/1111
Chemistry	4	8	CHEM 1311/1111 and 1312/1112
Chinese Language/Culture	3	8	CHIN 1411 and 1412
Computer Science A or AB	3	3	COSC 1336
Economics Macro	3	3	ECON 2301
Economics Micro	3	3	ECON 2302
English Language/Composition	3	3	ENGL 1301
English Literature/Composition	3	3	ENGL 1302
European History	3	3	HIST 2311
French Language	3	8	FREN 1411 and 1412
French Literature	3	8	FREN 1411 and 1412
German Language	3	8	GERM 1411 and 1412
Government and Politics-US	3	3	GOVT 2305
History-US	3	3	HIST 1301

Human Geography	3	3	GEOG 1302
Music Theory (Aural Subscore)	3	2	MUSI 1216
Music Theory (Non-Aural Subscore)	3	2	MUSI 1211
Physics 1 (A)	3	4	PHYS 1301/1101
Physics 2 (B)	3	8	PHYS 1301/1101, and 1302/1102
Physics C- Electrical and Magnetic	3	4	PHYS 2426
Physics C- Mechanics	3	4	PHYS 2325 and 2125
Psychology	3	3	PSYC 2301
Spanish Language	3	8	SPAN 1411 and 1412
Spanish Literature	3	8	SPAN 1411 and 1412
Statistics	3	3	MATH 1342
Studio Art (2D Design)	3	3	ARTS 1311
Studio Art (3D Design)	3	3	ARTS 1312
Studio Art (Drawing or General)	3	3	ARTS 1316
World History	3	3	HIST 2321

## Associate of Arts (Business Field of Study)

### BUSINESS AND INDUSTRY ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt.	CTE
<b>Pre 11<sup>th</sup> grade Summer I</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 1/Grade 10	03155600	American Music, Music Appreciation	1	MUSI 1310	American Music	3		
<b>Pre 12<sup>th</sup> grade Summer II</b>			<b>1.5</b>			<b>6</b>		
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
<b>MECA 1<sup>st</sup> year</b>								
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 1/Grade 11	03102501	Independent Study in Math 2	1	MATH 1324	Math for Business and Social Sciences (Finite Math)	3	✓	
Year 1/Grade 11	03102502	Independent Study in Math 3	.5	MATH 1325	Calculus for Business and Social Science	3	✓	
Year 1/Grade 11	13016600	Accounting I A	.5	ACCT 2301	Principles of Financial Accounting	3		3
Year 1/Grade 11	13016600	Accounting I B	.5	ACCT 2302	Principles of Managerial Accounting	3		3
Year 1/Grade 11	13011700	Business Law	1	BUSI 2301	Business Law	3		3
<b>Total Year 1, Gr. 11</b>			<b>5.0</b>			<b>24</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies (2 <sup>nd</sup> Time)	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13037210	Sci. Research & Design II, Sem. A	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	13037210	Sci. Research & Design II, Sem. B	.5	GEOL 1304/1104	Historical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	03310300	Economics	.5	ECON 2301	Principles of Macroeconomics	3	✓	
Year 2/Grade 12	03310301	Economics Adv. Studies	.5	ECON 2302	Principles of Microeconomics	3		
<b>Total Year 2, Gr.12</b>			<b>4.0</b>			<b>26</b>		
			<b>12</b>		<b>TOTAL</b>	<b>62</b>		

## Associate of Arts (Teaching Concentration)

### PUBLIC SERVICE ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
<b>Pre 11th grade Summer I</b>						<b>0</b>		
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 1/Grade 10	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
<b>Pre 12th grade Summer II</b>			<b>1.5</b>			<b>6</b>		
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
Year 2/Grade 11	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
<b>Total Year 2, Gr. 10</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Intro to the Humanities I	3		
Year 1/Grade 11	03102500	Independent Study in Math 1	1	MATH 1314	College Algebra	3	✓	
Year 1/Grade 11	03102501	Independent Study in Math 2	.5	MATH 1350	Fundamentals of Mathematics I	3		
Year 1/Grade 11	03350100	Psychology	.5	PSYC 2301	General Psychology	3		
Year 1/Grade 11	13024700	Child Development	1	TECA 1354	Child Growth and Development	3		3
Year 1/Grade 11	13037210	Sci. Research and Design II A	.5	BIOL 1306/1106	Biology for Science Majors I	4	✓	3/3 (V1)
<b>Total Year 1, Gr. 11</b>			<b>5.0</b>			<b>25</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Govt.	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13037210	Sci. Research & Design II B	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	13014200	Principles of Education and Training	1	EDUC 1301	Introduction to the Teaching Profession	3		4 (V1)
Year 2/Grade 12	13024400	Interpersonal Studies	.5	EDUC 2301	Introduction to Special Populations	3		4 (V1)
Year 2/Grade 12	03102502	Independent Study in Math III	.5	MATH 1351	Fundamentals of Math II	3		
<b>Total Year 2, Gr.12</b>			<b>4.5</b>			<b>25</b>		
			<b>12.5</b>		<b>TOTAL</b>	<b>62</b>		

## Associate of Arts-General Studies (Pre-Health Occupations)

### STEM ENDORSEMENT; PUBLIC SERVICE ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
<b>Pre 11th grade Summer I</b>								
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
<b>Pre 12th grade Summer II</b>								
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
<b>Total Year 2, Gr. 10</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 1/Grade 11	13024500	Lifetime Nutrition and Wellness	.5	HECO 1322	Nutrition and Diet Therapy	3		
Year 1/Grade 11	03102530	Statistics	1	MATH 1342	Elementary Statistical Methods	3	✓	
Year 1/Grade 11	03350100	Psychology	.5	PSYC 2301	General Psychology	3		
Year 1/Grade 11	13037220	Sci. Research & Design III A	.5	BIOL 2301/1101	Anatomy & Physiology I	4	✓	3/3 (V1)
Year 1/Grade 11	13037220	Sci. Research & Design III B	.5	BIOL 2302/1102	Anatomy & Physiology II	4	✓	3/3 (V1)
<b>Total Year 3, Gr. 11</b>			<b>4.5</b>			<b>26</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13014300	Human Growth & Development	1	PSYC 2314	Lifespan Growth & Development	3		3
Year 2/Grade 12	13037200	Sci. Research & Design IA	.5	CHEM 1305/1105	Introductory Chemistry I	4	✓	3/3 (V1)
Year 2/Grade 12	13037200	Sci. Research and Design IB	.5	BIOL 2321/2121	Microbiology for Science Majors	4	✓	3/3 (V1)
<b>Total Year 4, Gr.12</b>			<b>4.0</b>			<b>23</b>		
			<b>11.5</b>		<b>TOTAL</b>	<b>61</b>		

## Associate of Science (MATH or Pre Engineering)

### STEM ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
<b>Pre 11th grade Summer I</b>								
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
<b>Pre 12th grade Summer II</b>								
Year 1/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
<b>Year 2, Gr. 10</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03102500	Independent Study in Math 1	1	MATH 1314	College Algebra	3	✓	
Year 1/Grade 11	03101100	Precalculus	.5	MATH 2412	Precalculus	4	✓	
Year 1/Grade 11	03102501	Independent Study in Math 2	.5	MATH 2413	Calculus I	4	✓	
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 1/Grade 11	03370100	Sociology	.5	SOCI 1301	Introduction to Sociology	3		
<b>Year 3, Gr. 11</b>			<b>4</b>			<b>23</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13037220	Sci. Research & Design III A	.5	PHYS 2325/2125	University Physics I	4	✓	3/3 (V1)
Year 2/Grade 12	13037220	Sci. Research & Design III B	.5	PHYS 2326/2126	University Physics II	4	✓	3/3 (V1)
Year 2/Grade 12	03102502	Independent Study in Math 3A	.5	MATH 2414	Calculus II	4		
Year 2/Grade 12	03102502	Independent Study in Math 3B	.5	MATH 2415	Calculus III	4		
<b>Total Year 4, Gr.12</b>			<b>4.0</b>			<b>28</b>		
			<b>11</b>		<b>TOTAL</b>	<b>63</b>		

## Associate of Science (Pre-Med or Physical Science)

### STEM ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE	
<b>Pre 11th grade Summer I</b>									
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3			
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3	
<b>Pre 11th grade Summer II</b>									
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3	
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3			
Year 2/Grade 11	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3			
<b>Year 2, Gr. 10</b>			<b>1.5</b>				<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓		
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓		
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Introduction to the Humanities I	3			
Year 1/Grade 11	03102500	Independent Study in Math	1	MATH 1314	College Algebra	3	✓		
Year 1/Grade 11	03101100	Pre-calculus	.5	MATH 2412	Pre-Calculus	4	✓		
Year 1/Grade 11	13037210	Sci. Research & Design II A	.5	GEOL 1303/1103 <u>or</u> BIOL 1306/1106	Physical Geology <u>or</u> General Biology I (Pre-Med)	4	✓	3/3 (V1)	
Year 1/Grade 11	13037210	Sci. Research & Design II B	.5	GEOL 1304/1104 <u>or</u> BIOL 1307/1107	Historical Geology <u>or</u> General Biology II (Pre-Med)	4	✓	3/3 (V1)	
Year 1/Grade 11	03370100	Sociology	.5	SOCI 1301	*Introduction to Sociology	3			
<b>Year 3, Gr. 11</b>			<b>4.5</b>				<b>27</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours			
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓		
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓		
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓		
Year 2/Grade 12	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3			
Year 2/Grade 12	13037200	Sci. Research & Design A	.5	CHEM 1311/1111	General Chemistry I	4	✓	3/3 (V1)	
Year 2/Grade 12	13037200	Sci. Research and Design B	.5	CHEM 1312/1112	General Chemistry II	4	✓	3/3 (V1)	
Year 2/Grade 12	13037220	Sci. Research & Design III A	.5	PHYS 1301/1101	College Physics	4			
<b>Year 4, Gr.12</b>			<b>3.5</b>				<b>24</b>		

			<b>11</b>		<b>TOTAL</b>	<b>63</b>		
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Optional course – MATH 2413, Calculus I

## Associate of Arts–Communications

### ARTS AND HUMANITIES ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
<b>Pre 11th grade Summer I</b>								
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
<b>Pre 12th grade Summer II</b>								
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
<b>Total Year 2, Gr. 10</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03221600	Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 1/Grade 11	03102500	Independent Study in Math	1	MATH 1332 or MATH 1314	Contemporary Mathematics or College Algebra	3	✓	
Year 1/Grade 11	03370100	Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Year 1/Grade 11	03440400	Spanish 4A	.5	SPAN 1411	“	4	✓	
Year 1/Grade 11	03440400	Spanish 4B	.5	SPAN 1412	Beginning Spanish II	4	✓	
<b>Total Year 1, Gr. 11</b>			<b>4.0</b>			<b>23</b>		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13037210	Sci. Research & Design II A	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	13037210	Sci. Research & Design II B	.5	GEOL 1304/1104	Historical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	03440500	Spanish 5A	.5	SPAN 2311	Intermediate Spanish I	3		
Year 2/Grade 12	03440500	Spanish 5B	.5	SPAN 2312	Intermediate Spanish II	3		
<b>Total Year 2, Gr.12</b>			<b>4.0</b>			<b>26</b>		
			<b>11</b>		<b>TOTAL</b>	<b>61</b>		

\*Students with AP Spanish Language and/or AP Spanish Literature exam scores of 3 or higher should request credit for SPAN 1411 and 1412. Students can take CLEP assessment for SPAN 2311 and 2312. Consider students' transfer institution before requesting AP exam scores on college transcripts.

## Associate of Arts –Criminal Justice

### PUBLIC SERVICE ENDORSEMENT

Courses are taught in person at San Jacinto North

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
<b>Pre 11th Grade Summer I</b>								
Year 1/Grade 10	03270100	College Readiness & Study Skills	.5	EDUC 1300	*Learning Framework	3		
Year 1/Grade 10	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
<b>Pre 12th Grade Summer II</b>								
Year 2/Grade 11	13011400	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Year 2/Grade 11	03155600	Music Studies, Music Apprec. I	1	MUSI 1310	American Music	3		
Year 2/Grade 11	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
<b>Total Gr. 10</b>			<b>1.5</b>			<b>6</b>		
Year 1/Grade 11	03340100	U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 1/Grade 11	03340100	U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 1/Grade 11	03102500	Independent Study in Math	1	MATH 1332	Contemporary Mathematics	3	✓	
Year 1/Grade 11	13029600	Court Systems and Practices A COURTSP	.5	CRIJ 1301	Intro to Criminal Justice	3		
		Court Systems and Practices B	.5	CRIJ 1306	Court Systems & Practice	3		
Year 1/Grade 11	03370100	Sociology	.5	SOCI 1301	*Introduction to Sociology	3		
Year 1/Grade 11	13029300	Law Enforcement I LAWENF1	1	CRIJ 1310	Fundamentals of Criminal Law	3		V1
				CRIJ 2328	Police Systems and Practices	3		
<b>Total Grade 11</b>			<b>4.5</b>			<b>24</b>		
Year/Grade	PEIMS Course#	High School Course Name	Credits	TX Common Course	College Course Name	College Hours		
Year 2/Grade 12	03220400	English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 2/Grade 12	03220400	English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 2/Grade 12	03330100	United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 2/Grade 12	03380022	Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 2/Grade 12	13037210	Sci. Research & Design II A	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)

Year 2/Grade 12	13037210	Sci. Research & Design II B	.5	GEOL 1304/1104	Historical Geology	4	✓	3/3 (V1)
Year 2/Grade 12	03221600	Humanities	.5	HUMA 1301	Intro to the Humanities I	3		
Year 2/Grade 12	13029700	Correctional Services	1	CRIJ 2313	Correctional Systems	3		
<b>Total Gr.12</b>			<b>4.5</b>			<b>26</b>		
			<b>12</b>		<b>TOTAL</b>	<b>62</b>		

## Pharmacy Technician

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>FALL</b>			<b>8073DA Dual Practicum Health Sci</b>		<b>2</b>		
Year 1/Grade 11	13020300	Medical Terminology	1	HPRS 1206	Essentials of Medical Terminology	2:2-0	V1
				PHRA 1202	Pharmacy Law	2:2-0	
Year 1/Grade 11	13020500	Practicum in Health Science (Sem A)	1	PHRA 1313	Community Pharmacy Practice 1	3:2-3	V1
<b>SPRING</b>			<b>8073DB Dual Practicum Health Sci</b>		<b>2</b>		
Year 1/Grade 11	13020950	Pharmacology	1	PHRA 1305	Drug Classification	3:3-0	V1
				PHRA 1309	Pharmaceutical Mathematics I	3:3-0	
Year 1/Grade 11	13020500	Practicum in Health Science (Sem B)	1	PHRA 1349	Institutional Pharmacy Practice	3:2-3	V1
<b>FALL</b>			<b>8075 DA Dual Practicum Health Sci 2A</b>		<b>2.5</b>		
Year 2/Grade 12	13020970	Mathematics for Medical Professionals	1	PHRA 1345	Compounding Sterile Preparations and Aseptic Technique	3:2-3	V2
				PHRA 1347	Pharmaceutical Mathematics II	3:3-0	
Year 2/Grade 12	13020515	Practicum in Health Science/ Extended Practicum in Health Science II (Sem A)	1.5	PHRA 1441	Pharmacy Drug Therapy and Treatment	4:4-0	V1
<b>SPRING</b>			<b>8075 DB Dual Practicum Health Sci 2B</b>		<b>1.5</b>		
Year 2/Grade 12	13020515	Practicum in Health Science/ Extended Practicum in Health Science II (Sem B)	1.5	PHRA 1261	Clinical: Pharmacy Technician I	2:0-10	V3
				PHRA 2261	Clinical: Pharmacy Technician II	2:0-10	
				PHRA 1243	Pharmacy Technician Certification Review	2:2-0	

Total High School Credits

8

\*25 seats at SJC North. Students must pass courses with a C or higher to be eligible to receive a certificate of technology. SSN# is required to receive a certificate. Students must be 18 by Spring Break of senior year.

## Medical Assisting

**Certificate of Technology (College Rigor; Unweighted); A&P is a weighted academic course. RMA exam cert**

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year 1, Gr.11 FALL		8073 DA Dual Practicum Health Sci 1A		2			
Year 1/Grade 11	13020300	Medical Terminology MEDTERM	1	MDCA 1313	Medical Terminology	3:3-0	V1
				MDCA 1310	Medical Asst. Interpersonal and Communication Skills	3:3-0	
Year 1/Grade 11	13011600	Business English, BSENGL	1	MDCA 1205	Medical Law and Ethics	2:2-0	V1
				POFT 1301	Business English	3:3-0	
Year 1, Gr.11 SPRING		8073 DB Dual Practicum Health Sci 1B		2			
SPRING Year 1/Grade 11	13020600	Anatomy and Physiology ANATPHYS	1	MDCA 1309	13 and Physiology for Allied Health	3:3-1	V1
Year 1/Grade 11	13020960	Health Informatics HLTHINF	1	MDCA 1343	Medical Insurance	3:2-2	V2
				MDCA 1421	Administrative Procedures	4:2-6	
Year 2, Gr. 12 FALL		8075 DA Dual Practicum Health Sci 2A		2			
FALL Year 2/Grade 12	13020950	Pharmacology PHARMC	1	MDCA 1448	Pharmacology and Administration of Medications	4:3-0	V1
				MDCA 1302	Human Disease /Pathophysiology	3:3-0	
Year 2/Grade 12	13020500	Practicum in Health Science (Sem A)	1	MDCA 1417	Procedures in a Clinical Setting	3:2-4	V2
Year 2, Gr.12 SPRING		8075 DB Dual Practicum Health Sci 2B		1			
SPRING Year 2/Grade 12	13020500	Practicum in Health Science (Sem B)	1	MDCA 1254	Medical Assistant Exam Review	2:1-2	V3
				MDCA 1560	Medical/Clinical Assistant	5:0-15	
Total High School Credits			7				

## Criminal Justice

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>Year 1, Grade 11</b>			<b>8134 DA Dual Criminal Justice</b>		<b>1</b>		
<b>FALL</b>							
FALL Year 1/Grade 11	13029600	Court Systems and Practices COURTSP	1	CRIJ 1301	Intro to Criminal Justice	3:3-0	V1
				CRIJ 1306	Court Systems & Practice	3:3-0	
<b>Year 1, Grade 11</b>			<b>8134DB Dual Criminal Justice</b>		<b>2</b>		
<b>Spring</b>							
<b>SPRING</b> Year 1/Grade 11	13029700	Correctional Services CORRSRVS	1	CRIJ 2313	Correctional Systems & Practices	3:3-0	
Year 1/Grade 11	13029300	Law Enforcement I LAWENF1	1	CRIJ 1310	Fundamentals of Criminal Law	3:3-0	V1
				CRIJ 2328	Police Systems and Practices	3:3-0	
<b>Year 2, Grade 12</b>			<b>1536DA</b>		<b>1.5</b>		
<b>FALL</b>							
<b>Dual Practicum in LPSCS</b>							
FALL Year 2/Grade 12	13029550	Criminal Investigation CRINVEST	1	CRIJ 1307	Crime in America	3:3-0	
Year 2/Grade 12	13029400	Law Enforcement II (A) LAWENF2	.5	CJSA 1348	Ethics in Criminal Justice	3:3-0	V1
				CJLE 1327	Interview/Report Writing	3:3-0	
<b>Year 2, Grade 12</b>			<b>1536DB</b>		<b>.5</b>		
<b>Spring</b>							
<b>Dual Practicum in LPSCS</b>							
<b>SPRING</b> Year 2/Grade 12	13029400	Law Enforcement II (B) LAWENF2	.5	CRIJ 2314	Criminal Investigations	3:3-0	V1
				CRIJ 2323	Legal Aspects Law Enforcement	3:3-0	
<b>Total High School Credits</b>			<b>5</b>				

## Cosmetology Operator

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year 1, Grade 11 FALL			1	8878 DA Dual Cosmetology 1A			
FALL Year 1/Grade 11	13025200	Cosmetology I COSMET1 (SEM A)	1	CSME 1505	Fundamentals of Cosmetology	5:3-4	V3
				CSME 1310	Introduction to Haircutting Related Theory	3:1-6	
Year 1, Grade 11 SPRING			1	8878 DB Dual Cosmetology 1A			
SPRING Year 1/Grade 11	13025200	Cosmetology I COSMET1 (SEM B)	1	CSME 1553	Chemical Reformation and Related Theory	5:3-8	V3
				CSME 1354	Artistry of Hair Design I	3:1-6	
Year 2, Grade 12 FALL			1	8879 DA Dual Cosmetology 2A			
FALL Year 2/Grade 12	13025300	Cosmetology II COSMET2 (SEM A)	1	CSME 1355	Artistry of Hair Design II	3:1-6	V3
				CSME 2501	Principles of Hair Coloring and Related Theory	5:3-8	
Year 2, Grade 12 SPRING			1	8879 DB Dual Cosmetology 2B			
SPRING Year 2/Grade 12	13025300	Cosmetology II COSMET2 (SEM B)	1	CSME 2310	Advanced Haircutting and Related Theory	3:1-6	V3
				CSME 2350	Preparation for the State Licensing Written Exam	3:2-4	
				CSME 2251	Preparation for the State Licensing Practical Exam	2:1-4	
Total High School Credits			4				

# Emergency Medical Technology

## Level 2 Certificate (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year 1, Grade 12 FALL		8974 DA Dual EMT Basic Certification	1				
FALL Grade 12	13020600	Anatomy and Physiology	1	BIOL 2404	Anatomy and Physiology for Healthcare Professions (lecture and lab)	4:3-3	V1
Year 1, Grade 12 SPRING		8974 DB Dual EMT Basic Certification	2				
SPRING Grade 12	13020500	Practicum in Health Science (PRACHLS1)	2	EMSP 1160	Clinical- Emergency Medical Technician (96 hrs)	1:0-6	V3
				EMSP 1501	Emergency Medical Technical	5:3-8	
Total High School Credits			3				

SSN# is required to receive a state certificate. Students must be 18 by May 12 of senior year. Minimum of 10 credit hours.

## Automotive Collision Repair Technology Management

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>Year 1, Grade 11 FALL</b>			<b>8779DA Dual Collision Red/REF</b>		<b>1</b>		
Rotation A Fall Year 1	13039750	Basic Collision Repair and Refinishing BASCOLRR	1	ABDR 2502	Auto Body Mechanical and Electrical Service	5:3-5	V3
				ABDR 1323	Front and Rear Wheel Alignment	3:2-2	
				ABDR 2257	Collision Shop Management	2:2-1	
<b>Year 1, Grade 11 SPRING</b>			<b>8779DB Dual Collision Red/REF</b>		<b>2</b>		
Rotation A Spring Year 1	13039900	Paint and Refinishing PAINTREF	2	ABDR 2541	Major Collision Repair and Panel Replacement	5:3-5	V3
				ABDR 2353	Color Analysis and Paint Matching	3:2-2	
				ABDR 1315	Vehicle Trim and Hardware	3:2-2	
<b>Year 2, Grade 12 FALL</b>			<b>8874DA Dual Collision Red/REF</b>		<b>1</b>		
Rotation B Fall Year 2	13039800	Collision Repair (Sem A) COLLISR	1	ABDR 1303	Vehicle Design and Structural Analysis	3:2-2	V3
				ABDR 1519	Basic Metal Repair	5:3-5	
				ABDR 2255	Collision Repair Estimating	2:2-1	
<b>Year 2, Grade 12 SPRING</b>			<b>8874 DB Dual Collision Red/REF</b>		<b>1</b>		
Rotation B Spring Year 2	13039800	Collision Repair (Sem B) COLLISR	1	ABDR 1441	Structural Analysis and Damage Report 1	4:3-3	V3
				ABDR 1307	Collision Repair Welding	3:2-2	
				ABDR 1431	Basic Refinishing	4:3-3	
<b>Total High School Credits</b>			<b>5</b>				

Rotations alternate every other year.

## Diesel Technology

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year 1, Grade 11 FALL			1	8970DA Dual Auto Tech Diesel			
Rotation B Fall Year 1	13040150	Diesel Equipment Technology I DIEQTEC1 (SEM A)	1	DEMR 1306	Diesel Engine I	3:2-4	V2
				DEMR 1410	Diesel Test and Repair I	4:3-3	
Year 1, Grade 11 SPRING			1	8970 DB Dual Auto Tech Diesel			
Rotation B Spring Year 1	13040150	Diesel Equipment Technology I (SEM B) DIEQTEC1	1	DEMR 1423	Heat, Vent, & A/C Troubleshooting Repair	4:3-3	V2
				DEMR 1405	Basic Electrical Systems	4:3-3	
Year 2, Grade 12 FALL			1	8971 DA Dual Adv Auto Tech Diesel			
Rotation A Fall Year 2	13040160	Diesel Equipment Technology 2 (SEM A) DIEQTEC2	1	DEMR 1317	Basic Brake Systems	3:2-4	V2
				DEMR 1421 or DEMR 1301	Power Train I or <u>Shop Safety and Procedures</u>	4:3-3 or 3:3-0	
Year 2, Grade 12 SPRING			1	8971 DB Dual Adv Auto Tech Diesel			
Rotation A Spring Year 2	13040160	Diesel Equipment Technology 2 (SEM B) DIEQTEC2	1	DEMR 1413 or DEMR 1229	Fuel Systems or Preventative Maintenance	4:3-3 or 2:1-2	V2
				DEMR 2432	Electronic Controls	4:3-3	
Total High School Credits			4				

Rotations alternate every other year.

## Electrical Technology

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>Year 1, Grade 11 FALL</b>							
<b>FALL</b> Year 1/Grade 11	13005600	Electrical Technology I (SEM A) ELECTEC	1	ELPT 2325	National Electric Code II	3:3-0	V3
				ELPT 1325	National Electric Code I	3:3-0	
				ELPT 1429	Residential Wiring	4:3-3	
<b>Year 1, Grade 11 SPRING</b>							
<b>SPRING</b> Year 1/Grade 11	13005600	Electrical Technology I (SEM B) ELECTEC	1	ELPT 1215	Electrical Calculations I	2:2-0	V2
				ELPT 1345	Commercial Wiring	3:2-2	
				CETT 1302	Electricity Principles	3:2-2	
<b>Year 2, Grade 12 FALL</b>							
<b>FALL</b> Year 2/Grade 12	13005700	Electrical Technology II ELECTEC2 (SEM A)	1	ELPT 1441	Motor Controls	4:3-3	V2
				ELPT 2305	Transformers and Motors	3:3-1	
	13040000	Small Engine Technology I SMENTEC1	1	ELPT 1351	Electrical Machines	3:2-2	V1
<b>Year 2, Grade 12 SPRING</b>							
<b>SPRING</b> Year 2/Grade 12	13005700	Electrical Technology II ELECTEC2 (SEM B)	1	ELPT 2343	Electrical Systems Design	3:3-0	V1
				ELPT 2215	Electrical Calculations II	2:2-0	
				ELPT 1357	Industrial Wiring	3:2-2	V1
<b>Total High School Credits</b>			<b>5</b>				

## Welding

### Certificate of Technology-Combination Welder (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>Year 1, Grade 11 FALL</b>							
<b>8076DA Dual Welding 1</b>							
<b>FALL</b> Year 1/Grade 11	13032300	Welding I WELD1 (SEM A)	1	WLDG 1428	Introduction to Shielded Metal Arc Welding	4:2-6	V3
				WLDG 2443	Advanced Shielded Metal Art Welding (SMAW)	4:2-6	
<b>Year 1, Grade 11 SPRING</b>							
<b>8076DB Dual Welding 1</b>							
<b>SPRING</b> Year 1/Grade 11	13032300	Welding I WELD1 (SEM B)	1	WLDG 2406	Intermediate Pipe Welding	4:2-6	V3
				WLDG 2453	Advanced Pipe Welding	4:2-6	
<b>Year 2, Grade 12 FALL</b>							
<b>8077 DA Dual Adv Welding 1</b>							
<b>FALL</b> Year 2/Grade 12	13032400	Welding II WELD2 (SEM A)	1	WLDG 1434	Introduction to Gas Tungsten Metal Arc Welding	4:2-6	V3
				WLDG 2451	Advanced Gas Metal Arc Welding	4:2-6	
<b>Year 2, Grade 12 SPRING</b>							
<b>8077DB Dual Adv Welding 1</b>							
<b>SPRING</b> Year 2/Grade 12	13032400	Welding II WELD2 (SEM B)	1	WLDG 2413	Intermediate Welding Using Multiple Processes	4:2-6	V3
				WLDG 1430	Introduction to Gas Metal Arc Welding	4:2-6	

Total High School  
Credits

4

## Commercial Air Conditioning Technology

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
<b>Year 1, Grade 11 FALL</b>							
8777DA Dual HVAC/Refrig Technology 1.5							
FALL Year 1/Grade 11	13005600	Electrical Technology I	1	HART 1401	Basic Electricity for HVAC	4:2-4	V1
	13005800	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I HVACREF1 (SEM A)	.5	HART 1407	Refrigeration Principles	4:2-4	V1
<b>Year 1, Grade 11 SPRING</b>							
8777DB Dual HVAC/Refrig Technology .5							
SPRING Year 1/Grade 11	13005800	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I HVACREF1 (SEM B)	.5	HART 1445	Gas and Electrical Heating	4:2-4	V2
				HART 2441	Commercial Air Conditioning	4:2-4	
<b>Year 2, Grade 12 FALL</b>							
8778DA Dual Adv HVAC/Refrig Technology 1							
FALL Year 2/Grade 12	13005900	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II HVACREF2 (SEM A)	1	HART 2331	Advanced Electricity for HVAC	3:2-4	V2
				HART 2336	Air Conditioning Troubleshooting	3:2-4	
<b>Year 2, Grade 12 SPRING</b>							
8778DB Dual Adv HVAC/Refrig Technology 1							
SPRING Year 2/Grade 12	13005900	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II HVACREF2 (SEM B)	1	HART 2301	Air Conditioning and Refrigeration Codes	4:2-6	V3
				HART 2338	Air Conditioning Installation & Startup	3:2-4	
				HART 2442	Commercial Refrigeration	4:2-4	
<b>Total High School Credits</b>			<b>4</b>				

## Pipefitting Technology

### Occupational Certificate (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
12th Grade 8762a			1				
<b>FALL</b>	N1300425	Pipefitting Technology IA PIPETEC1	1.5	PFPB 1408	Basic Pipefitting Skills	4:2-4	V1
	N1300425	Pipefitting Technology 1A PIPETEC1		PFPB 1443	Pipefitting Fabrication and Blueprint Reading	4:2-4	V1
<b>8762B</b>	1.5						
<b>SPRING</b>	N1300425	Pipefitting Technology IA PIPETEC1	1.5	PFPB 2433	Pipefitting: Advanced Fabrication and Installation	4:2-4	V1
	N1300425	Pipefitting Technology IIB PIPETEC1		PFPB 2432	Advanced Pipefitting Standards, Specs, and Install	4:2-4	V1
<b>Total High School Credits</b>			<b>3</b>				

## Engineering Drafting

### Certificate of Technology (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year 1, Grade 11 FALL	8976 DA	Dual Engineering Des/Pres A	2				
Fall Year 1	13036500	Engineering Design and Presentation ENGDSPR (SEM A)	2	DFTG 1305	Technical Drafting	3:2-4-3	
				DFTG 1409	Basic Computer Aided Drafting	4:3-3	
Year 1, Grade 11 Spring	8976 DB	Dual Engineering Des/Pres B	2				
Spring Year 1	13036500	Engineering Design and Presentation ENGDSPR (SEM B)	2	DFTG 1433	Mechanical Drafting	4:3-3	
				DFTG 1445	Parametric Modeling Design	4:3-3	
Year 2, Grade 12 FALL	8878DA	Dual Adv Eng Design Present A	1.5				
Fall Year 2	13036600	Advanced Engineering Design and Presentation ADVENGDP (SEM A)	1.5	DFTG 2317	Descriptive Geometry	3:2-4	
				DFTG 2440	Solid Modeling/Design	4:3-3	
Year 2, Grade 12 Spring	8978 DB	Dual Adv Engineering Des/Pres B	1.5				
Spring Year 2	13036600	Advanced Engineering Design and Presentation ADVENGDP (SEM B)	1.5	DFTG 2402	Machine Drafting	4:3-3	
				DFTG 2406	Machine Design	4:3-3	
Total High School Credits			7				

## Plumbing Technology

### Occupational Certificate (College Rigor; Unweighted)

Courses are taught in person at San Jacinto North.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
12th Grade			1				
FALL	13006000	Plumbing Technology 1	1	PFPB 1306	Basic Blueprint Reading for Plumbers	3:2-2	V1
	N13006000			PFPB 1321	Plumbing Maintenance and Repair	4:2-4	V1
	13006000			PFPB 1323	Plumbing Codes 1		
8762B	1						
SPRING	N13006000	Pipefitting Technology 1B PIPETEC1	.5	PFPB 2308	Piping Standards and Materials	4:2-4	V1
	N13006000	Pipefitting Technology 1B PIPETEC1	.5	PFPB 2409	Residential Construction Plumbing 1	4:2-4	V1
Total High School Credits			2				

## SPECIAL NOTES

### SCIENTIFIC RESEARCH AND DESIGN

PEIMS #		
13037200	Scientific Research & Design	Microbiology or Chemistry
13037210	Scientific Research & Design II	Biology or Geology
13037220	Scientific Research & Design III	Physics; Anatomy & Physiology

## INDEPENDENT STUDY IN MATH

PEIMS #	TX Common Course Numbering	College Course Name
03102500	MATH 1314	College Algebra
	MATH 1332	Contemporary Math
03102501	Math 1350	Fundamentals of Math I
	Math 1324	Math for Business & Social Science (Finite Math)
	Math 2413	Calculus I
03102502	Math 1325	Calculus for Business
	Math 1351	Fundamentals of Math II
	Math 2414-2415	Calculus II and III

## PHYSICAL FITNESS

PEIMS Course ID#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed	Weight
PES00052	Foundations of Personal Fitness PEFOUND	.5	PHED 1164	Introduction to Physical Fitness and Wellness	1:0-3	No	No

## MUSIC

Substitution for MUSIC 1310 -  
03155600 Music Studies-Music Appreciation 1 – MUSIC 1306, Music Appreciation, 3 hrs.