



Dual Credit
Course Crosswalks
2025-2026

Last updated on July 31, 2025

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Degree Plans and Career Options

Degree Plan	Career Options
Associate of Arts, Business	Accounting, Marketing, Management, Finance, International Business, Management Information Systems, Sales, Logistics, Human Resources, Public Relations
Associate of Arts, Education	Teacher, Professor, Administrator, Principal, Counselor, Trainer
Associate of Arts, Life Science	Nursing, Occupational Health and Safety, Occupational Therapist, Physical Therapist, Athletic Trainer, Dietician, Respiratory Therapist
Associate of Science, Mathematics	Engineering (Chemical, Mechanical, Industrial, Petrochemical, Civil, etc.), Financial Analyst, Statistician, Actuary, Data Analyst, Economist, Physicist, Computer Programming
Associate of Arts, Natural Science	Pre-Med, Pre-dental, Pre-Veterinarian, Laboratory Research, Microbiologist, Pharmacologist, Teacher, Zoologist, Environmental Scientist, Biomedical Engineer, Food Scientist
Associate of Arts, Communications	Advertising, Marketing, Social Media, Public Relations, Writing, Human Resources, Sales, Law, Journalism, Technical Writing, Mass Communication, Television and Film Production
Associate of Arts, Social and Behavioral Science (Criminal Justice Path)	Evidence Tech, Victim Advocacy, Police Officer, Security Officer, Corrections Officer, Probation Officer, Youth Detention Counselor, Insurance Investigator, Cyber security Investigator
Associate of Arts, Social and Behavioral Science (Humanities Path)	Counselor, Therapist, Social Worker, Substance Abuse Counselor, Human Resources, School Counselor, Educational Psychologist, Case Manager, Marketing and Advertising, Law Enforcement, Court Advocate, Social Services

Associate of Arts (Business)

BUSINESS AND INDUSTRY ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS #	High School Course	H.S. Credits	College Course	College Course Name	College Hours	Wt.	CTE
Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Appr I	1	MUSIC 1310	American Music	3		
Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03102501	YM5E00 Independent Study in Math 2	1	MATH 1324	Math for Business and Social Sciences (Finite Math)	3	✓	
Year 3/Grade 11	03102502 or 03102500	YM3D30 Ind Study in Math 3 or YM3D00 Independent Study in Math 1	.5 1	MATH 1325 MATH 1314	Calculus for Business and Social Science or College Algebra	3	✓ X	3
Year 3/Grade 11	13016600	YM3E20 Accounting I A	.5	ACCT 2301	Principles of Financial Accounting	3		3
Year 3/Grade 11	13016600	YM3E3B Accounting I B	.5	ACCT 2302	Principles of Managerial Accounting	3		3
Year 3/Grade 11	13011700 or 13012000	YC3D30 (2301) YC3D50 (1301) Business Law or Virtual Business	1 .5	BUSI 2301 or BUSI 1301	Business Law or Business Principles	3		3
Year 3, Gr. 11			6.5			24		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	03380022	YH4300 Special Topics in Social Studies (2 nd)	.5	GOVT 2306	Texas Government	3		
Year 4/Grade 12	13037210	YS4M0C (GEOL) YS2E0A (BIOL) – Non Sci I Sci. Research & Design II, Sem. A	.5	GEOL 1303/1103 or BIOL 1308/1108	Physical Geology or Biology for Non-Science Majors I	4	✓	3/3 (V1)
Year 4/Grade 12	13037210	YS4M0D (GEOL) YS2E0B (BIOL) – Non Sci. II Sci. Research & Design II, Sem. B	.5	GEOL 1304/1104 BIOL 1309/1109	Historical Geology or Biology for Non-Science Majors II	4	✓	3/3 (V1)
Year 4/Grade 12	03310300	YH430E Economics	.5	ECON 2301	Principles of Macroeconomics	3	✓	
Year 4/Grade 12	03310301	YO5D30 Economics Adv. Studies	.5	ECON 2302	Principles of Microeconomics	3		
Year 4, Gr.12			4.0			26		
			13	TOTAL		60		

A "3" for CTE Voc hours indicates how many hours per week the course meets, which is not enough hours to be considered V1-3.

Associate of Arts (Education)

PUBLIC SERVICE ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credit	College Course	College Course Name	College Hours	Wt	CTE
Year 0, Gr. 8			0					
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		
Year 1, Gr. 9			1.5					
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Year 2, Gr. 10			1					
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03102500	YM3D00 Independent Study in Math 1	1	MATH 1314	*College Algebra	3	✓	
Year 3/Grade 11	03102501	YM3D20 Independent Study in Math 2	.5	MATH 1350	Math for Teachers 1	3		
Year 3/Grade 11	03350100	YO4400 Psychology	.5	PSYC 2301	General Psychology	3		
Year 3/Grade 11	13024700	YC1354 Child Development	1	TECA 1354	Child Growth and Development (11 th or 12 th grade)	3		3
Year 3/Grade 11	13037210	YS2E1A (BIOL) – Science Maj. I YS4M0C (GEOL) Sci. Research and Design II A	.5	BIOL 1306/1106 or GEOL 1303/1103	Biology for Science Majors I or Physical Geology	4	✓	3/3 (V1)
Year 3, Gr. 11			5.0					
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government (11 th or 12 th grade)	3	✓	
Year 4/Grade 12	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 4/Grade 12	13037210	YS2E0B (BIOL) – Science Maj. II YS4M0D (GEOL) Sci. Research & Design II B	.5	BIOL 1307/1107 or GEOL 1304/1104	Biology for Science Majors II or Historical Geology	4	✓	3/3 (V1)
Year 4/Grade 12	13014200	YO3D30 Principles of Education and Training	1	EDUC 1301	Introduction to the Teaching Profession	3		4 (V1)
Year 4/Grade 12	13024400	YO4D30 Interpersonal Studies	.5	EDUC 2301	Introduction to Special Populations	3		4 (V1)
Year 4/Grade 12	03102502	YM4D30 Independent Study in Math III	.5	MATH 1351	Math for Teachers II	3		
Year 4, Gr.12			4.5					
			12	TOTAL		60		

Completion of the AA in Teaching (EC-6) requires EDUC 2301, Introduction to Special Populations for college credit.

Associate of Arts (Life Science)

STEM ENDORSEMENT; PUBLIC SERVICE ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	H.S. Credit	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	Y03301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		
Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	13024500	YC3100 Lifetime Nutrition and Wellness	.5	BIOL 1322	Nutrition and Diet Therapy	3		
Year 3/Grade 11	03102530	YM3M10 Statistics	1	MATH 1342	*Elementary Statistical Methods	3	✓	
Year 3/Grade 11	03350100	YO4400 Psychology	.5	PSYC 2301	General Psychology	3		
Year 3/Grade 11	13037220	YS7E0A Sci. Research & Design III A	.5	BIOL 2301/1101	Anatomy & Physiology I	4	✓	3/3 (V1)
Year 3/Grade 11	13037220	YS7E0B Sci. Research & Design III B	.5	BIOL 2302/1102	Anatomy & Physiology II	4	✓	3/3 (V1)
Year 3, Gr. 11			4.5			26		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Govt	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	03380022	YH4300 Special Topics in Social Studies	.5	GOVT 2306	Texas Government	3		
Year 4/Grade 12	13014300	YHLE00 Human Growth & Development	1	PSYC 2314	Lifespan Growth & Development	3		3
Year 4/Grade 12	13037200	YS5D0A Sci. Research & Design IA	.5	CHEM 1305/1105	Introductory Chemistry I	4	✓	3/3 (V1)
Year 4/Grade 12	PES00051	YA3000 Lifetime Fitness and Wellness Pursuits	.5	PHED 1164	Introduction to Physical Fitness and Wellness	1		
Year 4/Grade 12	13037200	YS5D0A Sci. Research and Design IB	.5	BIOL 2320/2120	Microbiology for Health Science Majors	4	✓	3/3 (V1)
Year 4, Gr.12			4.5			24		
			11.5		TOTAL	60		

Associate of Science (Mathematics)

STEM ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Total Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		
Total Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Total Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03102500	YM3D00 Independent Study in Math 1	1	MATH 1314	*College Algebra	3	✓	
Year 3/Grade 11	03101100	YM4M00 Precalculus	.5	MATH 2412	Precalculus	4	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03580200	YC254A Computer Science 1 (PREQ: Alg 1)	1	COSC 1436	Programming Fundamentals I <i>(new)</i>	4		V1
Year 3/Grade 11	03580300	YC254B Computer Science 2 (PREQ: Alg 1, Comp Sci 1, or Fund of Comp Sci)	1	COSC 1437	Programming Fundamentals 2 <i>(new)</i>	4	✓	V1
Year 3/Grade 11	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government (or 12 th grade)	3		
Year 3/Grade 11	03102501	YM6E00 Independent Study in Math 2	.5	MATH 2413	Calculus I (Summer before senior year)	4	✓	
Year 3, Gr. 11			6			31		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government (<i>11th or 12th grade</i>)	3	✓	
Year 4/Grade 12	13037220	YS8E0A Sci. Research & Design III A	.5	PHYS 2325/2125	University Physics I	4	✓	3/3 (V1)
Year 4/Grade 12	13037220	YS8E0B Sci. Research & Design III B	.5	PHYS 2326/2126	University Physics II	4	✓	3/3 (V1)
Year 4/Grade 12	03102502	YM2M0A Independent Study in Math 3A	.5	MATH 2414	Calculus II	4		
Year 4/Grade 12	03102502	YM2M0B Independent Study in Math 3B	.5	MATH 2415	Calculus III	4		
Total Year 4, Gr.12			3.5			25		
			12		TOTAL	66		

Fifth math = Associate versus Associate of Applied Science

Associate of Science (Natural Science)

STEM ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course #	College Course Name	College Hours	Wt	CTE
Total Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		
Total Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Total Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03102500	YM3D00 Independent Study in Math	1	MATH 1314	*College Algebra	3	✓	
Year 3/Grade 11	03101100	YM4M00 Pre-calculus	.5	MATH 2412	Pre-Calculus	4	✓	
Year 3/Grade 11	13037210	YS2E0A Sci. Research & Design II A	.5	BIOL 1306/1106	Biology for Science Majors I	4	✓	3/3 (V1)
Year 3/Grade 11	13037210	YS2E0B Sci. Research & Design II B	.5	BIOL 1307/1107	Biology for Science Majors II	4	✓	3/3 (V1)
Year 3/Grade 11	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government (or 12 th grade)	3		
Year 3, Gr. 11			4.5			27		
Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400 or 03221100	YE4D0B (1302) YE4D00 (2311) English IV B	.5	ENGL 1302 ENGL 2311	Composition II Research/Technical Writing	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	13037200	YS4E0A Sci. Research & Design A	.5	CHEM 1311/1111	General Chemistry I	4	✓	3/3 (V1)
Year 4/Grade 12	13037200	YS5E0B Sci. Research and Design B	.5	CHEM 1312/1112	General Chemistry II	4	✓	3/3 (V1)
Year 4/Grade 12	13037220	YS6E0A Sci. Research & Design III A	.5	PHYS 1301/1101	College Physics (or summer of 11 th grade)	4		
Year 4/Grade 12	03102501	YM6E00 Independent Study in Math 2	.5	MATH 2413	Calculus I	4	✓	
Year 4, Gr. 12			3.5			25		
			10.5		TOTAL	62		

Optional course – MATH 2413, Calculus I (Check transfer requirements for Pre-Med)

Associate of Arts (Communications)

ARTS AND HUMANITIES ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course #	College Course Name	College Hours	Wt	CTE
Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		3
Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03102500	YM2E00 (1332) YM3D00 (1314) Independent Study in Math	1	MATH 1332 or MATH 1314	Contemporary Mathematics or *College Algebra	3	✓	
Year 3/Grade 11	03241400	YP3301 Contemporary Media	1	COMM 1307	Intro to Mass Communication <i>(new)</i>	3		
Year 3/Grade 11	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 3/Grade 11	03440400	YF410A Spanish 4A	.5	SPAN 1411	Beginning Spanish I	4	✓	
Year 3/Grade 11	03440400	YF410B Spanish 4B	.5	SPAN 1412	Beginning Spanish II	4	✓	
Year 3, Gr. 11			5.0			26		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	PES00051	YA3000 Lifetime Fitness and Wellness Pursuits	.5	PHED 1164	Introduction to Physical Fitness and Wellness	1		
Year 4/Grade 12	13037210	YS4M0C Sci. Research & Design II A	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)
Year 4/Grade 12	13037210	YS4M0D Sci. Research & Design II B	.5	GEOL 1304/1104	Historical Geology	4	✓	3/3 (V1)
Year 4/Grade 12	03440500	YF412A Spanish 5A	.5	SPAN 2311	Intermediate Spanish I	3		
Year 4/Grade 12	03440500	YF412B Spanish 5B	.5	SPAN 2312	Intermediate Spanish II	3		
Year 4, Gr.12			4.0			24		
			11.5	TOTAL		60		

*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 (Social and Behavioral Sciences, Criminal Justice Path)

PUBLIC SERVICE ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Total Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Apprec. I	1	MUSIC 1310	American Music	3		
Total Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Total Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03102500	YM3D00 Independent Study in Math	1	MATH 1332	Contemporary Mathematics	3	✓	
Year 3/Grade 11	13029600	YC2920 Court Systems and Practices A COURTSP	.5	CRIJ 1301	Intro to Criminal Justice	3		
			.5	CRIJ 1306	Court Systems & Practice	3		
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	13029300	YC2930 Law Enforcement I LAWENF1	1	CRIJ 1310	Fundamentals of Criminal Law	3		V1
				CRIJ 2328	Police Systems and Practices	3		
Total Grade 11			4.5			24		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 4/Grade 12	13037210	YS4M0C Sci. Research & Design II A	.5	GEOL 1303/1103	Physical Geology	4	✓	3/3 (V1)
Year 4/Grade 12	13037210	YS4M0D Sci. Research & Design II B	.5	GEOL 1304/1104	Historical Geology	4	✓	3/3 (V1)
Year 4/Grade 12	13029550	YC2942 Criminal Investigation CRINVEST	1	CRIJ 1307	Crime in America	3		3
Year 4/Grade 12	13029700	YC2970 Correctional Services	1	CRIJ 2313	Correctional Systems	3		3
Total Gr.12			5			26		
			12		TOTAL	60		

Sam Houston Transfer Path

*It is preferred that these students take the Principles of Law course at KHS and enroll in a fourth level Program of Study course.

Nursing Field of Study (KNIT Program)

STEM ENDORSEMENT; PUBLIC SERVICE ENDORSEMENT Nursing Science Program of Study

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Grade 9	13020200	Principles of Health Science	1	N/A	N/A	N/A		
Grade 10	13020400	Health Science Theory	1	N/A	N/A	N/A		
Grade 10	13020300	Medical Terminology	1	N/A	N/A	N/A		
Year 1 & 2			3					
Fall/Grade 11	13037220	YS7E0A Sci. Research & Design III A	.5	BIOL 2301/2101	*Anatomy & Physiology I (Only Req. Course for LVN)	4	✓	3/3 (V1)
Fall/Grade 11	03155600	YF4M00 Music Studies, Music Appreciation I	1	MUSIC 1310	American Music (or other Fine Arts Elective)	3		
Spring/Grade 11	03350100	YO4400 Psychology	.5	PSYC 2301	General Psychology	3		
Spring/Grade 11	13037220	YS7E0B Sci. Research & Design III B	.5	BIOL 2302/1102	Anatomy & Physiology II	4	✓	3/3 (V1)
Year 3, Gr. 11			2.5		14			
Fall/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Fall/Grade 12	13037200	YS4D4A Sci. Research & Design 1 B	.5	BIOL 2320/2120	Microbiology for Health Science Majors	4	✓	3/3 (V1)
Spring/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Spring/Grade 12	13014300	YHLE00 Human Growth and Development	1	PSYC 2314	Lifespan Growth & Development	3		3
Year 4, Gr.12			2.5		13			
		Total	8.0		TOTAL	27		

*Students participate in a KNIT Summer Bridge program between the sophomore and junior year.

Students are also enrolled in AVID each year.

*5 seats - ADN at SJC North -KNIT

**5 seats - LVN at SJC North - KNIT

Associate of Arts (Social and Behavioral Science-Humanities Path)

PUBLIC SERVICE ENDORSEMENT

Courses are taught in person. An asterisk denotes courses that may be taught by ISD staff who are IHE adjuncts.

Year/Grade	PEIMS Course#	High School Course Name	High School Credits	TX Common Course	College Course Name	College Hours	Wt	CTE
Total Year 0, Gr. 8			0			0		
Year 1/Grade 9	03380002	YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Year 1/Grade 9	03155600	YF4M00 Music Studies, Music Appreciation. I	1	MUSIC 1310	American Music	3		
Total Year 1, Gr. 9			1.5			4		
Year 2/Grade 10	13009900	YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Year 2/Grade 10	03370100	YH3300 Sociology	.5	SOCI 1301	Introduction to Sociology	3		
Total Year 2, Gr. 10			1			6		
Year 3/Grade 11	03340100	YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Year 3/Grade 11	03340100	YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Year 3/Grade 11	03221600	YH5300 Humanities	.5	HUMA 1301	Introduction to the Humanities I	3		
Year 3/Grade 11	03221610	YH5400 Humanities (2 nd)	.5	SOC 1306	Social Problems	3		
Year 3/Grade 11	03350100	YO4400 Psychology	.5	PSYC 2301	General Psychology	3		
Year 3/Grade 11	03380001	YHLE11 Social Studies Advanced Studies (1 st Time Taken)	.5	PSYC 2317	Statistical Methods in Psychology (new)	3		
Year 3/Grade 11	03102500	YM3D00 Independent Study in Math	1	MATH 1314	*College Algebra	3	✓	
Year 3/Grade 11	13014300	YHLE00 Human Growth & Development	1	PSYC 2314	Lifespan Growth & Development	3		3
Year 3/Grade 11	03380032	Special Topics in Social Studies (3 rd)	.5	PHIL 2306	Introduction to Ethics	3		
Total Year 3, Gr. 11			5.5			27		
Year 4/Grade 12	03220400	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Year 4/Grade 12	03220400	YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
Year 4/Grade 12	03330100	YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Year 4/Grade 12	03380022	YH4300 Special Topics in Social Studies 2	.5	GOVT 2306	Texas Government	3		
Year 4/Grade 12	13037210	YS2E0A Sci. Research & Design II A	.5	BIOL 1306/1106	Biology for Science Majors I	4	✓	3/3 (V1)
Year 3/Grade 11	13037210	YS2E0B Sci. Research and Design II B	.5	BIOL 1307/1107	Biology for Science Majors II	4	✓	3/3 (V1)
Year 4/Grade 12	03380042	YHLE01 Special Topics in Social Studies (4 th)	.5	PSYC 2319	Intro to Social Psychology	3		
Year 4/Grade 12	03380021	YHLE02 Social Studies Advanced Studies (2 nd Time Taken)	.5	PSYC 2330/2315	Biological Psychology)	3		
Total Year 4, Gr.12			4			26		
			12		TOTAL	63		

Pharmacy Technician (4 PHAR)

Certificate of Technology (College Rigor; Unweighted)

	PEIMS Course#	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Credits; Lecture & Lab Hours	Voc Ed
Year/Grade							
Year 1/Grade 11	13021030	YP205D Pharmacy II MEDTERM	1	HPRS 1206 (16wks)	Essentials of Medical Terminology	2:2-0	V1
Year 1/Grade 11	13020410	YP205A Health Science Theory/Health Science Clinical (SEM A) (PREQ: Bio) HLTHSCI	1	PHRA 1202 (16 wks)	Pharmacy Law	2:2-0	V1
				PHRA 1313 (16 wks)	Community Pharmacy Practice 1	3:2-3	
SPRING							
Year 1/Grade 11	13020410	YP205B Health Science Theory/Health Science Clinical (SEM B) (PREQ: Bio) HLTHSCI	1	PHRA 1305 (16 wks)	Drug Classification	3:3-0	V1
				PHRA 1309 (16 wks)	Pharmaceutical Mathematics I	3:3-0	
Year 1/Grade 11	12701510	YP205E Project-Based Research	1	PHRA 1349 (16 wks)	Institutional Pharmacy Practice I	3:2-3	V1
FALL							
Year 2/Grade 12	13020970	YP205C Mathematics for Medical Professionals	1	PHRA 1345 (16 wks)	Compounding Sterile Preparations and Aseptic Technique	3:3-2	V2
				PHRA 1347 (16 wks)	Pharmaceutical Mathematics II	3:3-0	
Year 2/Grade 12	13020950	YP206A Pharmacology (PREQ: Bio & Chem)	1	PHRA 1441 (16 wks)	Pharmacy Drug Therapy and Treatment	4:4-0	V1
SPRING							
Year 2/Grade 12	13020500	YP206B Practicum in Health Science (PREQ: Health Sci Theory & Bio)	2	PHRA 1261 (16 wks)	Clinical: Pharmacy Technician I	2:0-10	V3
				PHRA 2261 (16 wks)	Clinical: Pharmacy Technician II	2:0-10	
				PHRA 1243 (16 weeks?)	Pharmacy Technician Certification Review	2:2-0	

*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 (4MED-ASST)

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

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 Year 1/Grade 11	13020300	YM2040 Health Science Theory/Health Science Clinical SEM A	1	MDCA 1313 (8A)	Medical Terminology	3:3-0	V1
				MDCA 1205 (8B)	Medical Law and Ethics	2:2-0	
Fall Year 1/Grade 11	N1302106	YM2050 Health Science Theory	1	MDCA 1310 (8A)	Medical Asst. Interpersonal and Communication Skills	3:3-0	V1
				POFT 1301 (8B)	Business English	3:3-0	
SPRING Year 1/Grade 11	13020600	YM2060 Anatomy and Physiology ANATPHYS	1	MDCA 1309 (16 wks)	Anatomy and Physiology for Allied Health	3:3-1	V1
Year 1/Grade 11	13020960	YM2070 Health Informatics (PREQ: BIM and Med Term)	1	MDCA 1343 (8A)	Medical Insurance	3:2-2	V2
				MDCA 1421 (8B)	Administrative Procedures	4:2-6	
Subtotal			4				
FALL Year 2/Grade 12	13020800	YM2080 Pathophysiology PATHO	1	MDCA 1448 (8A)	Pharmacology and Administration of Medications	4:3-0	V1
				MDCA 1302 (8B)	Human Disease/Pathophysiology	2:1-2	
Year 2/Grade 12	13020515	YM205A Practicum in Health Science – Extended (Sem A)	1.5	MDCA 1417 (8A)	Procedures in a Clinical Setting	3:2-4	V2
SPRING Year 2/Grade 12	13020515	YM205B Practicum in Health Science - Extended (Sem B)	1.5	MDCA 1254 (8A)	Medical Assistant Exam Review	2:1-2	V3
				MDCA 1560 (8B)	Medical Assistant Clinical	5:0-15	
Total			4				

Criminal Justice Certificate of Technology

Certificate of Technology (College Rigor; Unweighted)

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
FALL Year 1/Grade 11	13029600	YC2920 Court Systems and Practices COURTSP	1	CRIJ 1301 (8A)	Intro to Criminal Justice	3:3-0	V1
				CRIJ 1306 (8B)	Court Systems & Practice	3:3-0	
SPRING Year 1/Grade 11	13029700	YC2970 Correctional Services CORRSRVS	1	CRIJ 2313 (16 wks)	Correctional Systems	3:3-0	V1
Year 1/Grade 11	13029800	YC2930 Federal Law Enforcement and Protective Services FEDLEPS	1	CRIJ 1310 (8A)	Fundamentals of Criminal Law	3:3-0	V1
				CRIJ 2328 (8B)	Police Systems and Practices	3:3-0	
Subtotal			3			15	
FALL Year 2/Grade 12	13029550	YC2942 Criminal Investigation CRINVEST (SEM A)	1	CJLE 1327 (8A)	Interview/Rpt. Writing	3:3-0	V1
Year 2/Grade 12	13029400	YC295A Law Enforcement II (SEM A) LAWENF2	.5	CJSA 1348 (8B)	Ethics in Criminal Justice (8A)	3:3-0	V1
				CRIJ 1307 (8B)	Crime in America (8B)	3:3-0	
SPRING Year 2/Grade 12	13029400	YC295B Law Enforcement II (B) LAWENF2	.5	CRIJ 2314 (8B)	Criminal Investigations	3:3-0	V1
				CRIJ 2323 (8A)	Legal Aspects Law Enforcement	3:3-0	
Total			2			30	

*Students will complete Principles of Law and Law Enforcement I at KHS prior to enrolling in dual credit.

Legal Studies

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
FALL Year 1/Grade 11	N1303016	YC294A Advanced Legal Systems & Professions	1	CJSA 1322	Introduction to Criminal Justice	(3: 3-0)	V3
				CJSA 1313	Court Systems and Practices	(4: 2-6)	
SPRING Year 1/Grade 11	N1303014	YC2990 Legal & Research Writing	1	CJSA 1327	Fundamentals of Criminal Law	(3: 3-0)	V3
				CJLE 1327	Interviewing and Report Writing for Criminal Justice Professions	(4: 2-6)	
FALL Year 2/Grade 12							
SPRING Year 2/Grade 12							

Cosmetology Operator

Certificate of Technology (College Rigor; Unweighted)

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
FALL Year 1/Grade 11	13025210	YC252A Cosmetology I COSMET1 (SEM A)	1.5	CSME 1405 (8A)	Fundamentals of Cosmetology)	4:3-4	V3
				CSME 1410 (8B)	Introduction to Haircutting & Related Theory	4:1-6	
SPRING Year 1/Grade 11	13025210	YC252B Cosmetology I COSMET1 (SEM B)	1.5	CSME 2401 (8A)	Principles of Hair Coloring & Related Theory	5:3-8	V3
				CSME 1354 (8B)	Artistry of Hair Design I	3:1-6	
FALL Year 2/Grade 12	13025310	YC253A Cosmetology II COSMET2 (SEM A)	1.5	CSME 2337 (8A)	Advanced Cosmetology Techniques	3:2-4	V3
				CSME 2439 (8B)	Advanced Hair Design	4:3-8	
				CSME 1244 (16 wks)	Intro to Salon Development	2:1:3	
SPRING Year 2/Grade 12	13025310	YC253B Cosmetology II COSMET2 (SEM B)	1.5	CSME 2350 (8A)	Preparation for the State Licensing Written Exam	3:1-6	V3
				CSME 2351 (8B)	Preparation for the State Licensing Practical Exam	3:1-6	

Students will complete Principles of Cosmetology Design and Color Theory in the 9th grade and Introduction to Cosmetology in the 10th grade prior to enrolling in dual credit.

Barber

Certificate of Technology (College Rigor; Unweighted)

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
FALL Year 1/Grade 11	N1302534	Barbering I A	1.5	BARB 1402	Intro to Barber Styling	(4: 2-4)	V3
				BARB 1404	Barber Styling I	(4: 2-8)	
SPRING Year 1/Grade 11	N1302534	Barbering I B	1.5	BARB 1442	Barber Styling II	(4: 2-4)	V3
				BARB 2502	Barber Styling III	(5:3-8)	
FALL Year 2/Grade 12	N1302535	Barbering II A	1.5	BARB 2531	Advanced Barber Styling I	(5: 3-8)	V3
				BARB 2541	Advanced Barber Styling II	(5: 3-8)	
SPRING Year 2/Grade 12	N1302535	Barbering II B	1.5	BARB 2432	Law and Shop Mgmt	(4: 2-6)	V3

Culinary Arts

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
FALL Year 1/Grade 11	13022650	YC255A Advanced Culinary Arts A	1	CHEF 1205	Sanitation & Safety	(2: 2-0)	V3
				RSTO 1212	Hospitality Supervision	(3: 3-0)	
SPRING Year 1/Grade 11	13022650	YC255B Advanced Culinary Arts B	1	CHEF 1401	Basic Food Preparation	(4: 3-3)	V3
				PSTR 1301	Fundamentals of Baking	(3:2-4)	
FALL Year 2/Grade 12							
SPRING Year 2/Grade 12							

Diesel Heavy Truck Trainee Technology

Transportation, Distribution and Logistics
 Program of Study: Diesel and Heavy Truck Trainee
 Certificate of Technology (College Rigor; Unweighted)

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
Fall/Junior Year	13040150	YC356A Diesel Equipment Technology I DIEQTEC1 (SEM A)	1	DEM R 1306 (8B)	Diesel Engine I	3:2-4	V3
				DEM R 1301 (8A)	Shop Safety and Procedures	3:3-0	
Spring/Junior Year	13040150	YC356B Diesel Equipment Technology I (SEM B) DIEQTEC1	1	DEM R 1410 (8B)	Diesel Test and Repair I	4:3-3	V3
				DEM R 1405 (8A)	Basic Electrical Systems	4:3-3	
Fall/Senior Year	13040160	YC357A Diesel Equipment Technology 2 (SEM A) DIEQTEC2	1	DEM R 1413 (8A)	Fuel Systems (8A)	4:3-3	V3
				DEM R 2432 (8B)	Electronic Controls	4:3-3	
Spring/Senior Year	13040160	YC357B Diesel Equipment Technology 2 (SEM B) DIEQTEC2	1	DEM R 1317 (8A)	Basic Brake Systems	3:2-4	V3
				DEM R 1423 (8B)	Heat, Vent, & A/C Troubleshooting Repair	4:3-3	

Electrical Technology

Certificate of Technology (College Rigor; Unweighted)

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
FALL Year 1/Grade 11	13005600	YC058A Electrical Technology I (SEM A) ELECTEC	.5	ELPT 1321 (8A)	Intro to Electrical Safety & Tools	3:2-2	V3
				CETT 1302 (8B)	Electricity Principles	3:2-2	
				ELPT 1325 (16 wks)	National Electric Code I	3:2-2	
SPRING Year 1/Grade 11	13005600	YC058B Electrical Technology I (SEM B) ELECTEC	.5	ELPT 1315 (8A)	Electrical Calculations I	2:2-0	V3
				ELPT 2325 (16 wks)	National Electric Code II	2:2-0	
				ELPT 1429 (16 wks)	Residential Wiring	4:3-3	
FALL Year 2/Grade 12	13005700	YC059A Electrical Technology II ELECTEC2 (SEM A)	1	CNBT 2310	Commercial/Industrial Blueprint Reading	3:3-1	V3
				ELPT 1441 (16 wks)	Motor Controls	3:2-2	
SPRING Year 2/Grade 12	13005700	YC059B Electrical Technology II ELECTEC2 (SEM B)	1	ELPT 1345 (8A)	Commercial Wiring	4:3-3	V3
				ELPT 1351 (8B)	Electrical Machines	3:2-2	

Students will complete Principals of Architecture and Architectural Design I prior to enrolling in Dual Credit.

Welding

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

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
FALL Year 1/Grade 11	13032400	YW235A Welding II WELD2 (SEM A)	1	WLDG 1428 (8A)	Introduction to Shielded Metal Arc Welding	4:2-6	V3
				WLDG 2443 (8)	Advanced Shielded Metal Arc Welding (SMAW)	4:2-6	
SPRING Year 1/Grade 11	13032400	YW235B Welding II WELD2 (SEM B)	1	WLDG 2406 (8A)	Intermediate Pipe Welding	4:2-6	V3
				WLDG 2453 (8B)	Advanced Pipe Welding	4:2-6	
FALL Year 2/Grade 12	13033000	YW236A Practicum in Manufacturing (SEM A)	1	WLDG 1434 (8A)	Introduction to Gas Tungsten Arc Welding	4:2-6	V3
				WLDG 2451 (8B)	Advanced Gas Tungsten Arc Welding	4:2-6	
SPRING Year 2/Grade 12	13033000	YW236B Practicum in Manufacturing (SEM B)	1	WLDG 2413 (8A)	Intermediate Welding Using Multiple Processes	4:2-6	V3
				WLDG 1430 (8B)	Introduction to Gas Metal Arc Welding	4:2-6	

Students should complete Introduction to Welding and Welding I at KHS prior to enrolling in dual credit.

Pipefitting Technology

Occupational Certificate (College Rigor; Unweighted)

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
FALL Year 1/Grade 12	N1300425	YV323A Pipefitting Technology I PIPETEC1	1	PFPB 1408	Basic Pipefitting Skills (8A)	4:2-4	V3
	N1300426	YV323B Pipefitting Technology II PIPETEC2	1	PFPB 1443	Pipefitting Fabrication and Blueprint Reading (8B)	4:2-4	V3
SPRING Year 1/Grade 12	13005250	YV324A Practicum in Construction Technology	1	PFPB 2433	Pipefitting: Advanced Fabrication and Installation (8A)	4:2-4	V3
	13005250	YV324B Practicum in Construction Technology (SEM B)	1	PFPB 2432	Advanced Pipefitting Standards, Specs, and Install (8B)	4:2-4	V3

*Students will complete Introduction to Welding and Welding I at KHS prior to enrolling in dual credit. For this certificate, students will complete Welding II at San Jacinto College prior to enrolling in Pipefitting at SJC.

Plumbing Technology

Occupational Certificate (College Rigor; Unweighted)

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
FALL Year 1/Grade 12	13006000	YV3260 Plumbing Technology I	1	PFPB 1306	Basic Blueprint Reading for Plumbers	3:2-2	V1
	13006100	YV3270 Plumbing Technology II	1	PFPB 1321	Plumbing Maintenance and Repair	3:2-4	V1
	13006100	YV3280 Plumbing Technology II	1	PFPB 1323	Plumbing Codes I	3: 3-0	V1
SPRING Year 1/Grade 12	13005255	YC0540 Practicum in Construction Technology (First Time Taken)	1.5	PFPB 2308	Piping Standards and Materials	3:2-4	V1
	13005255	YC0541 Practicum in Construction Technology/Extended	1.5	PFPB 2409	Residential Construction Plumbing 1	4:2-4	V1

*Students should complete Principles of Architecture and Architectural Design I at KHS prior to enrolling at SJC for this program.

REVIEW ALL COURSES; Compare to pipefitting
What do they take 9th and 10th?

Biotechnology

STEM ENDORSEMENT; PUBLIC SERVICE ENDORSEMENT

Biomedical Science Program of Study

- (OC) Occupational Certificate in Biomanufacturing (15 College Credits-TSIA exempt)
- (L2) Level 2 Certificate in Biotechnology (22 College Credits)
- (AAS) AAS in Biomanufacturing

Year, Grade	PEIMS Course#	OC, L2, AAS	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Grades 9-10	03380002		YO3301 Special Topics in Social Studies 1	.5	EDUC 1100	*Learning Framework	1		
Grades 9-10	03155600	AAS	YF4M00 Music Studies, Music Apprec. I or ART COURSE Code and Class	1	MUSIC 1310 or MUSIC 1306 or ARTS1301	American Music or Music Appreciation or Art Appreciation	3		
Grades 9-10	13011400	OC	Business Information Management I	1	BCIS 1305	Business Computer Applications	3		3
Grades 9-10	13009900		YS4300 Professional Communication	.5	SPCH 1315	Public Speaking	3		3
Grades 9-10	03370100	AAS	YH3300 Sociology	.5	SOCL 1301	Introduction to Sociology (not needed with Macro – Behav Sci)	3		
Grades 9-10	03380032 03221600	AAS	Special Topics in Social Studies (3 rd time) Humanities (First Time Taken)	.5 .5	PHIL 2306	Introduction to Ethics			
Grade 11									
Fall	13037200	L2	Need a Biotech Course Code for the BIO/CHEM Combination Sci. Research and Design A	.5	BIOL 1306/1107	Biology for Science Majors I	4	✓	3/3 (V1)
Fall	03102500	AAS	YM3D00 Independent Study in Math 1	1	MATH 1314	*College Algebra	3	✓	
Fall	03340100		YH330A U.S. History A	.5	HIST 1301	United States History I	3	✓	
Spring	13037200	AAS	YS4E0A Sci. Research & Design B	.5	CHEM 1311/1111	General Chemistry I (MATH 1314 Prereq)	4	✓	3/3 (V1)
Spring	03340100		YH330B U.S. History B	.5	HIST 1302	United States History II	3	✓	
Spring	13036400	OC	Biotechnology I (Biology Prereq)	1	BITC 1411	Introduction to Biotechnology	4		3/3 (V1)
Grade 12									
Fall	03220400	AAS	YE4D0A English IV A	.5	ENGL 1301	Composition I	3	✓	
Fall	03330100		YH430G United States Government	.5	GOVT 2305	Federal Government	3	✓	
Fall	13036450	OC	Biotechnology II, SEM A (Biotechnology I and Chemistry Prereq)	.5	BITC 1191	Special Topics in Biological Technology/Technician	1		1
Spring	13036450	OC	Biotechnology II, SEM B (Biotechnology I and Chemistry Prereq)	.5	BITC 1402 (co-req with BITC 1340)	Biotechnology Lab Methods and Techniques	3		2/2
Spring	N1303771	OC	Quality Assurance for Biosciences	1	BITC 1340	Quality Assurance for the Bioscience	3		3
Spring	03310300		YH4M0E Economics	.5	ECON 2301	Principles of Macroeconomics (TSIA R/W/M)	3	✓	
Spring	03220400		YE4D0B English IV B	.5	ENGL 1302	Composition II	3	✓	
			Total			TOTAL			

Biotechnology (Seniors, 2025-2026)

STEM ENDORSEMENT; PUBLIC SERVICE ENDORSEMENT

Biomedical Science Program of Study

- (OC) Occupational Certificate in Biomanufacturing (15 College Credits-TSIA exempt)
- (L2) Level 2 Certificate in Biotechnology (22 College Credits)
- (AAS) AAS in Biomanufacturing

Year, Grade	PEIMS Course#	OC, L2, AAS	High School Course Name	High School Credits	TX Common Course Numbering	College Course Name	College Hours	Wt	CTE
Summer	13011400	OC	YT1400 Business Information Management I	1	BCIS 1305	Business Computer Applications	3		V1
Fall	13036400	OC	YT4001 Biotechnology I (Biology Prereq)	1	BITC 1411	Introduction to Biotechnology	4		V2
Fall	13036450	OC	YT450A Biotechnology II, SEM A (Biotechnology I and Chemistry Prereq)	.5	BITC 1191	Special Topics in Biological Technology/Technician	1		
Spring	13036450	OC	YT450B Biotechnology II, SEM B (Biotechnology I and Chemistry Prereq)	.5	BITC 1402 (co-req with BITC 1340)	Biotechnology Lab Methods and Techniques	4		V2
Spring	N1303771	OC	YT3771 Quality Assurance for Biosciences	1	BITC 1340	Quality Assurance for the Bioscience	3		V1

**SPECIAL CROSSWALK 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

Computer Science

03580300	YC254B Computer Science 2 (PREQ: Alg 1, Comp Sci 1, or Fund of Comp Sci)		COSC 1437	Programming Fundamentals 2 (new)	4	✓	V1
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INDEPENDENT STUDY IN MATH

PEIMS #	TX Common Course Numbering	College Course Name
03102500	MATH 1314	College Algebra
	MATH 1332	Contemporary Math
03102501	Math 1350	Math for Teachers I (was Fundamentals of Math I) .5 credit
	Math 1324	Math for Business & Social Science (Finite Math)
	Math 2413	Calculus I (.5 credit)
03102502	Math 1325	Calculus for Business
	Math 1351	Math for Teachers II (was 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 Number	College Course Name	College Credits; Lecture & Lab	Voc Ed	Weight
PES00051	YA3000 Lifetime Fitness and Wellness Pursuits	.5	PHED 1164	Introduction to Physical Fitness and Wellness	1:0-3	No	No

FINE ARTS (Substitutions for MUSIC 1310)

PEIMS ID	COLLEGE COURSE
03155600 Music Studies-Music Appreciation 1	MUSIC 1306, Music Appreciation, 3 college hrs.

PHILOSOPHY

PEIMS Course ID#	High School Course Name	High School Credits	TX Common Course Number	College Course Name	College Credits; Lecture & Lab	Voc Ed	Weight
03380032	Special Topics in Social Studies (3 rd Time)	.5	PHIL 1301	Introduction to Philosophy	3:3-0	No	No
03380032	Special Topics in Social Studies (3 rd Time)	.5	PHIL 2306	Introduction to Ethics	3:3-0	No	No