

APPROVED GISD DUAL CREDIT COURSES 2022-2023

PEIMS Code	GHS Course	GHS Credit	NCTC Course	NCTC Course Title	COLLEGE HOURS	TSI requirements
Academic Preparatory						
N1290050	1409 - College Transition	0.5	EDUC 1300	Learning Frameworks	3	Reading & Writing
English						
03220300	9435 - Eng 3a	0.5	ENGL 1301	Composition I	3	Reading & Writing
03220400	9440 - Eng 4a	0.5	ENGL 1301	Composition I	3	Reading & Writing
03220300	9445 - Eng 3b	0.5	ENGL 1302	Composition II	3	Reading & Writing
03220400	9450 - Eng 4b	0.5	ENGL 1302	Composition II	3	Reading & Writing
03220400	9451 - Eng 4a	0.5	ENGL 2322	British Literature I	3	Reading & Writing
03220400	9452 - Eng 4b	0.5	ENGL 2323	British Literature II	3	Reading & Writing
Social Studies						
03330100	9480 - United States Govt	0.5	GOVT 2305	American National Govt	3	Reading & Writing
03380002	9490 - Special Topics in Soc. Stu. 1	0.5	GOVT 2306	American, State and Local Govt	3	Reading & Writing
03310300	9420 - Econ w/ Emph FE	0.5	ECON 2301	Principles of Economics (Macro)	3	Reading & Writing
03340100	9580 - US History	0.5	HIST 1301	US History to 1865	3	Reading & Writing
03340100	9590 - US History	0.5	HIST 1302	US History from 1865	3	Reading & Writing
03370100	9630 - Sociology	0.5	SOCI 1301	Introduction to Sociology	3	Reading & Writing
03350100	9640 - Psychology	0.5	PSYC 2301	Introduction to General Psychology	3	Reading & Writing
03380022	9495 - Special Topics in Soc. Stu. 2	0.5	ANTH 2346	General Anthropology	3	Reading & Writing
Mathematics						
03102500	9560 - Indept Study in Math 1	0.5	MATH 1314	College Algebra (Req. 1st in Sequence)	3	Math
03102500	9570 - Indept Study in Math 1	0.5	MATH 1316	Trigonometry (Option Sequence 2)	3	Math
03102500	9660 - Indept Study in Math 1	0.5	MATH 1342	Elementary Statistics (Option Sequence 1)	3	Math
03102501	9700 - Indept Study in Math 2	1	MATH 2412	Pre-Calculus Mathematics	4	Math
03102502	9701 - Indept Study in Math 3	1	MATH 2413	Calculus I	4	Math
Science						
13037200	9402 - Scientific Research & Des 1	1	CHEM 1411	General Chemistry I	4	Reading & Writing
13037210	9401 - Scientific Research & Des 2	1	CHEM 1412	General Chemistry II	4	Reading & Writing
13037200	9403 - Scientific Research & Des 1	1	BIOL 1406	Biology for Science Majors I	4	Reading & Writing
13037210	9404 - Scientific Research & Des 2	1	BIOL 1407	Biology for Science Majors II	4	Reading & Writing
13037200	9500 - Scientific Research & Des 1	1	BIOL 1408	General Biology	4	Reading & Writing
13037210	9405 -Scientific Research & Des 2	1	BIOL 2406	Environmental Biology	4	Reading & Writing

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03060100	9406 -Astronomy	1	ASTR1403	Stars and Galaxies	4	Reading & Writing	
03060200	9407 -Earth and Space Science	1	ASTR1404	Solar System	4	Reading & Writing	
13037210	9408 -Scientific Research & Des 2	1	GEOL1401	Earth Science for Non-Majors 1	4	Reading & Writing	
13037210	9409 -Scientific Research & Des 3	1	GEOL1402	Earth Science for Non-Majors 2	4	Reading & Writing	
Speech							
03240900	9621 - Public Speaking 1	0.5	SPCH 1315	Public Speaking	3	Reading & Writing	
03241400	9622 - Communication Application	0.5	SPCH1311	Introduction to Speech Communication	3	Reading & Writing	
Fine Arts							
03250100	9476 - Theater Arts I	0.5	DRAM 1310	Theater Appreciation	3	Reading & Writing	
03500110	9478- Art Appreciation	0.5	ARTS 1301	Art Appreciation	3	Reading & Writing	
Cosmetology							
13025100	9740 - Intro to Cosmetology	1	CSME 1401	Orientation to Cosmetology	4	N/A	
13025050	9763 - Prin. Of Cosmetology Design	1	CSME 1405	Fundamentals of Cosmetology	4	N/A	
13025200	9745 - Cosmetology 1	1	CSME 1410	Introduction to Hair	4	N/A	
13025200	9745 - Cosmetology 1	1	CSME 2530	Nail Enhancement	5	N/A	
N1302533	9761 - Cosmetology Esthetics	1	CSME 2501	The Principles of Hair Color	5	N/A	
N1302533	9761 - Cosmetology Esthetics	1	CSME 1348	Principles of Skin Care	3	N/A	
13025300	9750 - Cosmetology II	1	CSME 2472	Cosmetology Applications	4	N/A	
13025300	9750 - Cosmetology II	1	CSME 2541	Prep for TDLR	5	N/A	
Career Exploration							
13004210	9803 - Prin. Of Architecture	0.5	INMT 1319	Manufacturing	3	N/A	
13004210	9804 - Prin. Of Architecture	0.5	CBFM 1311	Building Maintenance	3	N/A	
Welding - 2 YEAR PATHWAY							
13032250	9799 - Intro To Welding - 2y	0.5	WLDG 1407	Introduction to Welding	4	N/A	
13032250	9799 - Intro To Welding - 2y	0.5	WLDG 1313	Introduction to Blueprints	3	N/A	
13032300	9800 - Welding 1A - 2y	1	WLDG 2413	Intermediate Welding	4	N/A	
13032300	9801 - Welding 1B - 2y	0.5	WLDG 1435	Intro to Pipe Welding - Summer	4	N/A	
13032300	9801 - Welding 1B - 2y	0.5	OSHT 1320	Industrial Safety - Summer	3	N/A	
13032400	9812 - Welding 2A -2y	0.5	WLDG 1427	Welding Codes and Standards	4	N/A	
13032400	9812 - Welding 2A -2y	0.5	WLDG 2447	Advanced Gas Metal Arc Welding	4	N/A	
13032400	9813 - Welding 2B -2y	0.5	WLDG 2352	Advanced Flux Core Arc Welding	3	N/A	

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13032400	9813 - Welding 2B - 2y	0.5	TECM 1301	Industrial Math	3	N/A	
Welding - 3 YEAR PATHWAY							
13032250	9900 - Intro To Welding -3y	1	WLDG 1407	Introduction to Welding	4	N/A	
13032200	9901 - Prin. Of Manufacturing -3y	1	WLDG 2413	Intermediate Welding	4	N/A	
13032300	9902 - Welding 1A -3y	0.5	WLDG 2447	Advanced Gas Metal Arc Welding	4	N/A	
13032300	9902 - Welding 1A -3y	0.5	WLDG 1313	Introduction to Blueprints	3	N/A	
13032300	9903 - Welding 1B -3y	0.5	OSHT 1320	Industrial Safety	3	N/A	
13032300	9903 - Welding 1B -3y	0.5	TECM 1301	Industrial Math	3	N/A	
13032400	9904 - Welding 2A-3y	0.5	WLDG 1427	Welding Codes and Standards	4	N/A	
13032400	9904 - Welding 2A -3y	0.5	WLDG 1435	Intro to Pipe Welding	4	N/A	
13032400	9905 - Welding 2B -3y	1	WLDG 2352	Advanced Flux Core Arc Welding	3	N/A	
HVAC 1 Year							
13005800	9827- HVAC Technology 1 YR A	0.5	HART1307	Refrigeration Principles	3	N/A	
13005600	9828- Electrical Technology 1 YR A	0.5	HART1301	Basic Electricity for HVAC	3	N/A	
13005600	9829- Electrical Technology 1 YR B	0.5	HART1356	EPA Recovery Cert. Preparation	3	N/A	
13005800	9834- HVAC Technology 1 YR B	0.25	HART1341	Residential Air Conditioning	3	N/A	
13005800	9834- HVAC Technology 1 YR B	0.25	HART2341	Commercial Air Conditioning	3	N/A	
HVAC 2 Year							
13005800	9810 - HVAC Technology 1A	0.5	HART 1307	Refrigeration Principles	3	N/A	
13005600	9815 - Electrical Technology 1A	0.5	HART 1301	Basic Electricity for HVAC	3	N/A	
13005800	9811 - HVAC Technology 1B	0.25	HART 1341	Residential Air Conditioning	3	N/A	
13005800	9811 - HVAC Technology 1B	0.25	HART 2341	Commercial Air Conditioning	3	N/A	
13005600	9816 - Electrical Technology 1B	0.5	HART 1356	EPA Recovery	3	N/A	
13005900	9830 - HVAC Technology 2A	0.5	HART 2345	Residential Air Cond. Systems & Design	3	N/A	
13005900	9830 - HVAC Technology 2A	0.5	HART 2358	Testing, Adjusting & Balancing HVAC	3	N/A	
13005900	9831 - HVAC Technology 2B	0.5	HART 2342	Commercial Refrigeration	3	N/A	
13005900	9831 - HVAC Technology 2B	0.25	HART 2301	Air Conditioning & Refrigeration Codes	3	N/A	
13005900	9831 - HVAC Technology 2B	0.25	HART 2349	Heat Pumps	3	N/A	
Machining							
13032500	9822 - Precision Metal Manufacturing 1A	0.5	MCHN 1302	Print Reading for Machining Trades -SEM	3	N/A	
13032500	9822 - Precision Metal Manufacturing 1A	0.5	MCHN 2303	Fundamentals of CNC- SEM 1	3	N/A	

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13032200	9835- MACH PRIN MAN	1	MCHN1338	Basic Machine Shop 1- SEM 1	3	N/A	
13032500	9823 - Precision Metal Manufacturing 1B	0.5	DFTG 1309	INTRO to CAD- SEM 2	3	N/A	
13032500	9823 - Precision Metal Manufacturing 1B	0.5	MCHN 1341	Machine Shop 2- SEM 2	3	N/A	
12701410	9826 - Applied Math for Technical Prof.	1	MCHN 1343	Machine Shop Mathematics- SEM 2	3	N/A	
13032600	9824- Precision Metal Manufacturing 2A	0.5	METL 1301	INTRO to Metallurgy	3	N/A	
13032600	9824- Precision Metal Manufacturing 2A	0.5	MCHN 2431	Operation of CNC Turning Centers	4	N/A	
N1303748	9836- COMP INT MAN	1	MCHN1326	INTRO to Computer Aided Machining	3	N/A	
13032600	9825- Precision Metal Manufacturing 2B	0.5	MCHN 2434	Operation of CNC Machining Centers	4	N/A	
13032600	9825- Precision Metal Manufacturing 2B	0.5	MCHN2435	Advanced CNC Machining	3	N/A	
Firefighting							
13029900	9870 - Firefighter I A	0.25	FIRS 1203	Firefighter Agility & Fitness Preperation	2	HESI	
13029900	9870 - Firefighter I A	0.25	FIRS 1301	Firefighter Certification 1	3	HESI	
13029900	9870 - Firefighter I A	0.5	FIRS 1313	Firefighter Certification 3	3	HESI	
13029900	9871 - Firefighter I B	0.5	FIRS 1319	Firefighter Certification 4	3	HESI	
13029900	9871 - Firefighter I B	0.5	FIRS 1323	Firefighter Certification 5	3	HESI	
13030000	9872 - Firefighter 2 A	1	FIRS1329	Firefighter Certification 6	3	HESI	
13030000	9872 - Firefighter 2 A	0.5	FIRT 2188	Internship - Fire Technology	1	HESI	
13030000	9873 - Firefighter 2 B	0.5	EMSP 1160	Clinical EMT/Technology	1	HESI	
13030000	9873 - Firefighter 2 B	1	EMSP 1501	Emergency Medical Technician	5	HESI	