

Tech Prep Six-Year Plan (Recommended High School Program)

Consortium: South Texas
Program: AIR CONDITIONING & REFRIGERATION/470201

ISD: (See Matrix)
College: LCC

HIGH SCHOOL					COLLEGE			
Subject	Freshman	Sophomore	Junior	Senior	Freshman		Sophomore	
English (4)	English I	English II	English III	English IV	HART 1407 Refrigeration Principles (TP)	HART 2431 Advanced Electricity	HART 1503 A/C Control Principles	HART 1545 Gas & Electric Heating
Math (3)	Algebra I	Geometry	Algebra II		HART 1391 Special Topics in Heating, Air Cond. & Refrig.	MAIR 1449 Refrigerators, Freezers, Window Air Conditioners	HART 1542 Commercial Refrigeration	HART 2441 Commercial Air Conditioning
Science (3)	Integrated Physics & Chemistry	Chemistry	Physics		HART 1401 Electricity Principles (TP)	HART 2280 Cooperative Ed.- Heating, Air Cond., & Refrig. (Capstone)	HART 2445 Air Conditioning Systems Design	HART 2536 Troubleshooting
Social Studies (3.5)	World Geography	World History	U.S. History	Government	HART 1441 Residential Air Conditioning	HART 1449 Heat Pumps		
Economics (0.5)				Economics				
Languages (2)	Foreign Language I	Foreign Language II						
Health (0.5)		Health						
Fine Arts (1)				Fine Arts				
Physical Education (1.5)	Physical Education	Physical Education	Physical Education					
Speech (0.5)				Speech				
Technology Applications (1)*								
Electives (3.5)	Keyboarding 12011500	BCIS I* 12011200	Elec. Trades I 12534704 (HART 1401)	Refrigeration I 12523101 (HART 1407)				

High School Graduation Plan: It is recommended that the student complete 3 ½ credits in a coherent sequence; this includes Tech Prep articulated courses. *The credit for Technology Applications may be satisfied by BCIS I, II, or approved computer applications courses.