



## South Texas Tech Prep/Laredo Community College Six-Year Plan 2006-2008

(Recommended High School Program)

Consortium: South Texas

Program: Air Conditioning and Refrigeration Two-Year Certificate/470201

ISD: (See Matrix)

College: LCC

Subject	HIGH SCHOOL				COLLEGE			
	Freshman	Sophomore	Junior	Senior	Freshman Year		Second Year	
	English I	English II	English III	<i>English IV (D)</i>	First Semester	Second Semester	First Semester	Second Semester
<b>English (4)</b>	English I	English II	English III	<i>English IV (D)</i>	<i>HART 1407 Refrigeration Principles (TP)</i>	HART 1441 Residential Air Conditioning	HART 2349 Heat Pumps	HART 2442 Commercial Refrigeration
<b>Math (3)</b>	Algebra I	Geometry	Algebra II	<i>Pre-Calculus (D)</i>	HART 1391 Special Topics in Heating, Air Conditioning & Refrigeration	HART 2431 Advanced Electricity	HART 1403 A/C Control Principles	HART 2341 Commercial Air Conditioning
<b>Science (3)</b>	Integrated Physics & Chemistry	Chemistry	Physics	<i>Biology (D)</i>	<i>HART 1401 Electricity Principles (TP)</i>	HART 1545 Gas & Electric Heating	HART 2445 Air Conditioning Systems Design	HART 2280 Cooperative Education Heating, Air Conditioning, & Refrigeration (Capstone)
<b>Social Studies (3.5)</b>	World Geography	World History	<i>U.S. History (D)</i>	<i>Government (D)</i>	MAIR 1449 Refrigerators, Freezers, Window Air Conditioners	<b>Summer Session</b>		
<b>Economics (0.5)</b>				<i>Economics (D)</i>		HART 2438 A/C Installation Service		
<b>Languages (2)</b>	Foreign Language I	Foreign Language II				HART 2436 Troubleshooting		
<b>Health (0.5)</b>		Health						
<b>Fine Arts (1)</b>				<i>Psychology (D)</i>				
<b>Physical Education (1.5)</b>	Physical Education	Physical Education	Physical Education					
<b>Speech (0.5)</b>				<i>Speech (D)</i>				
<b>Technology Applications (1)*</b>								
<b>Electives (3.5)</b>	Keyboarding 12011500	BCIS I* 12011200	<i>Elec. Trades I</i> 12534704 <i>(HART 1401) (TP)</i>	<i>Refrigeration I</i> 12523101 <i>(HART 1407)(TP)</i>	<i>(D) Dual Enrollment (TP) Tech Prep</i> <i>The career clusters icons above are used with permission of the State's Career Clusters Initiative, 2007</i>			

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.