



South Texas Tech Prep/Laredo Community College Six-Year Plan 2006-2008 (Recommended High School Program)



Consortium: South Texas

Program: Electrical Technology Two-Year Certificate/460302

ISD: See Matrix

College: LCC

HIGH SCHOOL					COLLEGE			
Subject	Freshman	Sophomore	Junior	Senior	Freshman		Sophomore	
					First Semester	Second Semester	First Semester	Second Semester
English (4)	English I	English II	English III	<i>English IV(D)</i>	<i>ELPT 1321 Introduction to Electrical Safety & Tools (TP)</i>	ELPT 1331 Survey of the National Electrical Code	ELPT 1341 Motor Control	ELPT 2305 Motors and Transformers
Math (3)	Algebra I	Geometry	Algebra II	<i>Pre-Calculus (D)</i>	ELPT 1325 National Electrical Code	ELPT 1320 Fundamentals of Electricity	ELPT 1351 Electrical Machines	ELPT 1349 Electrical Blueprint Reading
Science (3)	Biology <i>Or</i> AP Biology	Integrated Physics & Chemistry	Chemistry <i>Or</i> Physics	<i>Biology (D)</i>	ELPT 1319 Fundamentals of Electricity I	ELPT 1315 Electrical Calculations I	ELPT 1357 Industrial Wiring	ELPT 2337 Electrical Planning and Estimating
Social Studies (3.5)	World Geography	World History	<i>U.S. History (D)</i>	<i>Government (D)</i>	<i>ELPT 1311 Basic Electrical Theory(TP)</i>	ELPT 1343 Electrical Troubleshooting I	ELPT 2350 Maintenance Electrician Review	ELPT 2343 Electrical Systems and Design
Economics (0.5)				<i>Economics (D)</i>	ELPT 1329 Residential Wiring	ELPT 1345 Commercial Wiring	ELPT 2215 Electrical Calculation II	ELPT 2301 Journeyman Electrician Exam Review
Languages (2)	Foreign Language I	Foreign Language II						
Health (0.5)		Health						
Fine Arts (1)				<i>Psychology (D)</i>				
Physical Education (1.5)	Physical Education	Physical Education	Physical Education					
Speech (0.5)				<i>Speech (D)</i>				
Technology Applications (1)*								
Electives (3.5)		BCIS I* 12011200	<i>Intro. to Electrical/Electronic Careers (12534704) (ELPT 1311) (TP)</i>	<i>Electrical Trades (12522901) (ELPT 1321)(TP)</i>	<i>(D) Dual Enrollment (TP) Tech Prep 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.