



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



Consortium: South Texas

Program: Computer Drafting & Design Technology A.A.S./151302

ISD: See Matrix

College: LCC

HIGH SCHOOL					COLLEGE			
Subject	Freshman	Sophomore	Junior	Senior	Freshman		Sophomore	
English (4)	English I	English II	English III	<i>English IV (D)</i>	First Semester	Second Semester	First Semester	Second Semester
Math (3)	Algebra I	Geometry	Algebra II	<i>Pre-Calculus (D)</i>	<i>ENGL 1301 Composition I (D)</i>	DFTG 1358 Electrical/Electronics Drafting	DFTG 2330 Civil Drafting	DFTG 2321 Topographical Drafting
Science (3)	Integrated Physics & Chemistry	Chemistry	Physics	<i>Biology (D)</i>	<i>DFTG 1305 Technical Drafting (TP)</i>	DFTG 1333 Mechanical Drafting	DFTG 2348 Plane Surveying	DFTG 2312 Technical Illustration
Social Studies (3.5)	World Geography	World History	<i>U.S. History (D)</i>	<i>Government (D)</i>	<i>DFTG 1309 Basic Computer-Aided Drafting (TP)</i>	DFTG 1317 Architectural Drafting Residential	DFTG 2350 Geometric Dimensioning/ Tolerancing	DFTG 2306 Machine Design
Economics (0.5)				<i>Economics (D)</i>	<i>ITSC 1409 Integrated Software Application I (TP)</i>	DFTG 2319 Integrated Computer Aided Drafting	SPCH 1318 Interpersonal Communications or <i>SPCH 1311 Intro to Communication (D)</i>	DFTG 2332 Advance Computer- Aided Drafting
Languages (2)	Foreign Language I	Foreign Language II			<b>Summer Sessions I &amp; II</b>	<i>MATH 1314 College Algebra (D)</i>	DFTG 2344 Strength of Materials	Humanities/ Fine Arts Electives
Health (0.5)		Health			DFTG 2281 Cooperative Education-Drafting & Design Technology/Technician, General			
Fine Arts (1)				<i>Psychology (D)</i>	DFTG 2328 Architectural Drafting Commercial			
Physical Education (1.5)	Physical Education	Physical Education	Physical Education		DFTG 2340 Solid Modeling/Design			
Speech (0.5)				<i>Speech (D)</i>	MATH Plane Trigonometry			
Technology Applications (1)		<b>BCIS I 12011200 (ITSC 1409) (TP)</b>			<i>PSYC 2301 General Psychology (D)</i>			
Electives (3.5)			<b>Technical Intro. to Computer Aided Drafting 12511705 (DFTG 1305) (TP)</b>	<b>Engineering Computer Aided Drafting 12511701 (DFTG 1309) (TP)</b>			<b>(D) Dual Enrollment (TP) Tech Prep</b> <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 II, other, or I approved computer applications courses.