



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



Consortium: South Texas

Program: Automotive Technology One-Year Certificate/470604

ISD: See Matrix

College: LCC

| HIGH SCHOOL | | | | | COLLEGE | |
|-----------------------------|-----------------------------------|---------------------|--|---|--|--|
| Subject | Freshman | Sophomore | Junior | Senior | Freshman | |
| English (4) | English I | English II | English III | <i>English IV (D)</i> | First Semester | Second Semester |
| Math (3) | Algebra I | Geometry | Algebra II | <i>Pre-Calculus (D)</i> | <i>AUMT 1201 Intro. & Theory of Automotive Technology (TP)</i> | AUMT 1341 Heating & Air Conditioning Theory |
| Science (3) | Integrated Physics & Chemistry | Chemistry | Physics | <i>Biology (D)</i> | <i>AUMT 1419 Automotive Engine Repair (TP)</i> | AUMT 2413 Manual Drive Train & Axles |
| Social Studies (3.5) | World Geography | World History | <i>U.S. History (D)</i> | <i>Government (D)</i> | AUMT 1407 Automotive Electrical Systems | AUMT 1416 Suspension & Steering |
| Economics (0.5) | | | | <i>Economics (D)</i> | AUMT 2417 Engine Performance Analysis I | AUMT 1410 Automotive Brake Systems |
| Languages (2) | Foreign Language I | Foreign Language II | | | Third Semester | |
| Health (0.5) | | Health | | | AUMT 1445 Auto Heating & Air Conditioning | |
| Fine Arts (1) | | | | <i>Psychology (D)</i> | AUMT 2434 Engine Performance Analysis II | |
| Physical Education (1.5) | Physical Education | Physical Education | Physical Education | | AUMT 2437 Automotive Electronics | |
| Speech (0.5) | | | | <i>Speech (D)</i> | | |
| Technology Applications (1) | Keyboarding 12011500 | BCIS 12011200 | | | | |
| Electives (3.5) | | | <i>Auto Technician I 12579102 (AUMT 1201) (TP)</i> | <i>Auto Technician II 12579103 (AUMT 1419) (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 II, other, or I approved computer applications courses.