



South Texas College
Six-Year College Tech Prep Program Degree Plan
Associate of Applied Science Degree in Diesel Technology
ROMA ISD



High School 4 Year Program					College Four-Semester Program			
Subject	9	10	11	12	Sem. 1	Sem. 2	Sem. 3	Sem. 4
	Full Yr	Full Yr	Full Yr	Full Yr				
English (4)	English I	English II	English III	English IV				*ENGL 1301 Composition
Math (4)	Algebra I or Algebra II	Geometry or Algebra II	Algebra II or Pre-Calculus	Pre-Calculus or Calculus				*Math/Natural Sciences Elective (CHEM 1411 or CHEM 1412)
Science (4)	Biology	Chemistry (*Chemistry AP for CHEM 1411 and CHEM 1412)	Physics	Advanced Science				
Humanities/Social Studies (4)	World Geography	World History	US History	Government and Economics				Social Behavioral Science Elective
Foreign Language (2 Rec., 3 DAP) / Fine Arts (1)	Foreign Language I	Foreign Language II	Foreign Language III (*Spanish III AP for SPAN 2313 and SPAN 2315)	Fine Arts Elective (*Music Appreciation for MUSI 1306, Music Theory for MUSI 1311 and MUSI 1312)				*Humanities/Fine Arts Elective (MUSI 1306, or MUSI 1311, or MUSI 1312, OR SPAN 2313 OR SPAN 2315)
PE (1.5) /Health (.5) /Speech (.5)	PE	PE & Health	Speech					SPCH 1318 Interpersonal Communications
Technology Applications (1)	BCIS I						DEMR 1435 Automatic Power Shift & Hydrostatic Transmissions I	
Tech Prep and CTE Courses		Diesel Mechanics I (12579501)	***Diesel Mechanics II (125795T2)		***DEMR 1401 Diesel Shop Safety and Procedures	AUMT 1345 Hutmotive Heating & Air Conditioning	DEMR 2432 Electronic Controls	
Additional Tech Prep and CTE Courses					DEMR 1416 Basic Hydraulics	DEMR 1417 Basic Brake Systems	DEMR 1230 Steering & Suspension I	
Additional Tech Prep and CTE Courses					DEMR 1410 Diesel Engine Testing & Repair I	DEMR 1405 Basic Electrical Systems	DEMR 1303 Basic Driving Skills	
Additional Tech Prep and CTE Courses					DEMR 1229 Preventative Maintenance	DEMR 1442 Power Train Applications I	DEMR 1266 CAPSTONE: Practicum	
EXIT POINTS							Certificate in Diesel Technology	AAS in Diesel Technology
LEGEND:					ATC Crosswalk with STC Courses			
* This course is an academic course available through STC dual enrollment.					High School Course			
** This course is a technical course available through STC dual enrollment.					STC Credit Granted			
***This course is eligible for ATC credit with STC if taught by a certified High School Instructor.					Diesel Mechanics II (125795T2)			
****This course is a technical course available through ATC credit or Dual Enrollment with STC.								
NOTE: STC has upward-articulation agreements with universities that give students who complete this AAS degree the option to continue into a baccalaureate program.								