



South Texas College
Six-Year College Tech Prep Program Degree Plan
Associate of Applied Science Degree in Heating, Ventilation, Air Conditioning & Refrigeration 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 1414 College Algebra		
Science (4)	Biology	Chemistry	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							
Career Electives (3.5 Rec. 2.5 DAP)		Heating, Ventilation, Air-Conditioning I	***Heating, Ventilation, Air-Conditioning II (125231T2)		***HART 1401 Basic Electricity for HVAC	MAIR 1449 Refrigerators, Freezers, & Window Air Conditioners	HART 2442 Commercial Refrigeration	HART 2443 Industrial Air Conditioning
Additional Tech Prep and CTE Courses					***HART 1407 Refrigeration Principles	HART 2445 Air Conditioning Systems Design	HART 2438 CAPSTONE: Air Conditioning Installation & Startup	
Additional Tech Prep and CTE Courses					HART 1410 HVAC Shop Practices and Tools	HART 1445 Gas & Electrical Heating	HART 2441 Commercial Air Conditioning	
Additional Tech Prep and CTE Courses							HART 2431 Advanced Electricity for HVAC	
EXIT POINTS								AAS in HVAC
LEGEND: * This course is an academic course available through STC dual enrollment.					ATC Crosswalk with STC Courses			
** This course is a technical course available through STC dual enrollment.					High School Course			
***This course is eligible for ATC credit with STC if taught by a certified High School Instructor.					STC Credit Granted			
****This course is a technical course available through ATC credit or Dual Enrollment with STC.					Heating, Ventilation, Air Conditioning and Refrigeration II (125231T2)			
NOTE: STC has upward-articulation agreements with universities that give students who complete this AAS degree the option to continue into a baccalaureate program.								