



**Local Articulation**  
(Recommended Graduation Plan)

College: **Southwest Texas Junior College**

Career Cluster: **Transportation, Distribution, & Logistics**

Plan: **Associate of Applied Science (AAS): Automotive Technology**

HIGH SCHOOL/SECONDARY					COLLEGE/POSTSECONDARY			
Subject	Freshman	Sophomore	Junior	Senior	Semester I	Semester II	Semester III	Semester IV
ENGLISH (4)	English I	English II	English III	English IV	Learning Framework EDUC 1100 or College Success Skills COLS 0300	<b>Automotive Engine Performance Analysis II</b> (2) AUMT 2434	Automotive Drive Train and Axles AUMT 2413	Automotive Automatic Transmission and Transaxle AUMT 2425
MATH (3)	Algebra I	Geometry	Advanced Math Course		<b>Automotive Brake Systems</b> (1) AUMT 1410	<b>Automotive Suspension &amp; Steering Systems</b> (2) AUMT 1416	Automotive Electrical Lighting and Accessories AUMT 2421	Automotive Service AUMT 2328
SCIENCE (3)	Biology	Integrated Physics and Chemistry		Advanced Science Course	<b>Automotive Electrical Systems</b> (1) AUMT 1407	<b>Automotive Heating and Air Conditioning</b> (2) AUMT 1445	Advanced Emission Systems Diagnostics AUMT 2443	Cooperative Education – Automotive Mechanics Technology/Technician AUMT 2280
SOCIAL STUDIES (3)	U.S. History	U.S. Government (1/2 credit)	Economics (1/2 credit)	World History or Geography	<b>Automotive Engine Performance Analysis I</b> (1) AUMT 2417	<b>Microcomputers Applications</b> COSC 1301 (3) (ITSC 1301)	ELECTIVE College Level Mathematics	
FOREIGN (2) LANGUAGE	2 Credits in the same language OR two credits from Computer Science I, II, and III				ELECTIVE Humanities & Fine Arts			
FINE ARTS (1)	Communication / Fine Arts					<u>Summer Session</u> Social and Behavioral ELECTIVE Speech Communications ELECTIVE		
PHYSICAL EDUCATION (2)	Physical Education				ITSC 1301 Can substitute COSC 1301 only if pursuing an associate in a technical field			
ELECTIVES	<u>Automotive Technology Courses</u> (1.) Automotive Technology (1-2) (2.) Advance Automotive Technology (2-3) (3.) Business Information Management I (1-2) (or) Principals of Information (1/2 – 1)							<i>Revised 8/16/2018</i>

***Total possible college credits completed in high school = 27***