



ECHS 4-year Plan

[Auto Technology – Service Tech Associate of Applied Science](#)

Degree Plan Code: AAS.AUTO.SERV.TECH

School Information

ISD: Garland Plan Last Updated: 10/16/23  
 Early College Program: South Garland P-TECH Catalog Year: 2023-2024  
 Dallas College: Eastfield \*Class of 2024-2027

Career Information

Certificate: C1: [Chassis Service Tech](#); Degree Plan Code: C1.AUMT.CHASSIS.19  
 C2: [Transmission Service Tech](#); Degree Plan Code: C1.AUMT.TRANSMISSION  
 C3: [Electronics & Climate Controls Tech](#); Degree Plan Code: C1.AUMT.ELEC.CLIM  
 C4: [Engine Repair & Performance Tech](#); Degree Plan Code: C1.AUMT.ENGINE.PERF

HS CTE Program of Study: [Transportation, Distribution & Logistics: Automotive Technology](#)

High School Courses

9 <sup>th</sup> Grade - Cohort	
English I H (10113 A/B)	Algebra I H (21213 A/B) or Algebra II H (21233 A/B)
AP Human Geography (42133 A/B)	Biology H (33113 A/B)
AVID I (A9846 A/B)	Health/PE
10 <sup>th</sup> Grade - Cohort	
English II H (10123 A/B)	Algebra II H (21233 A/B)
Chemistry H (33213 A/B)	or Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
Language Other Than English	or Geometry (21413 A/B)
AVID II (A9847 A/B - Recommended)	
11 <sup>th</sup> Grade	
Economics (42415S)	Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
Language Other Than English	or Geometry (21413 A/B)
US History	US Government
Physics	AVID III (A9848 A/B - Recommended)
12 <sup>th</sup> Grade	
English IV (10142)	AVID IV (A9849 A/B - Recommended)
4 <sup>th</sup> Science	

College Courses

9 <sup>th</sup> : Fall Semester	Spring Semester
<b>AUMT 1305 – Intro to Auto Tech</b> C1, C2, C3, C4, AAS (8P205A – Auto Tech I 13039600) Double Block CTE Level 3	<b>AUMT 1307 – Auto Electrical Systems</b> C1, C2, C3, C4, AAS (8P205B – Auto Tech I 13039600) Double Block CTE Level 3
	Total Credit Hours: 6
10 <sup>th</sup> : Fall Semester	Spring Semester
<b>MUSI 1306 – Music Appreciation</b> AAS (66269S – Music Appreciation 0315560 1 sem/1 credit)	<b>SPCH 1311 – Intro to Speech</b> AAS (10311S – Comm Applications 03241400)
<b>AUMT 1310 – Auto Brake Systems</b> C1, AAS (8P305A – Auto Tech II 13039700) Double Block CTE Level 4	<b>AUMT 1316 – Auto Suspension/Steering Systems</b> C1, AAS (8P305B – Auto Tech II 13039700) Double Block CTE Level 4
	Total Credit Hours: 12

<b>11<sup>th</sup>: Fall Semester</b>	<b>Spring Semester</b>
<b>ENGL 1301 - Composition I</b> AAS (10505A – English Lang & Comp DC 03220300)	<b>*ENGL 1302 – Composition II</b> (10505B – English Lang & Comp DC 03220300)
<b>MATH 1332 – Contemporary Math</b> AAS (21503S – AQR 03102510) 1 sem/1 HS credit	<b>PSYC 2301 – General Psychology</b> AAS (42323S – Psychology 03350100)
<b>AUMT 2321 – Auto Electrical Diagnosis &amp; Repair</b> C2, C3, C4, AAS (8P145A Auto Basics 13039550) CTE Level 2	<b>AUMT 2311 – Auto Electronics Auto Tech II</b> AAS (8P145B Auto Basics 13039550) CTE Level 2
<b>AUMT 1306 – Auto Engine Removal/Installation</b> AAS (8P135A –Basic Collision Repair and Refinishing 13039750) CTE Level 1	HS Basic Collision Repair & Refinishing – 8P135B
	Total Credit Hours: 21

<b>12<sup>th</sup>: Fall Semester</b>	<b>Spring Semester</b>
<b>AUMT 2380 – Cooperative Education – Automobile/Automotive Mechanics Technology/Technician</b> C1, C2, AAS (8P375A – Practicum Transportation Systems 13040450) .5 credit CTE Level 4	<b>AUMT 2381 – Cooperative Education – Automobile/Automotive Mechanics Technology/Technician</b> C3, C4, AAS (8P375B – Practicum Transportation Systems 13040450) .5 credit CTE Level 4
<b>AUMT 2313 – Automotive Drive Train &amp; Axles</b> C2, AAS (8P379A – Practicum Transportation Systems 13040450) .5 credit CTE Level 4	<b>AUMT 2334 – Automatic Engine Performance Analysis II</b> C4, AAS (8P379A – Practicum Transportation Systems 13040450) .5 credit CTE Level 4
<b>AUMT 2325 Automotive Automatic Transmission &amp; Transaxle</b> C2, AAS (8P265A – Energy & Power 13039300) CTE Level 3	<b>AUMT 2317 – Automatic Engine Performance Analysis I</b> C4, AAS (8P265B – Energy & Power 13039300) CTE Level 3
<b>AUMT 1345 – Automotive Climate Control Systems</b> C3, AAS (8P255A – Small Engine Tech 13040000) CTE Level 1	<b>AUMT 1319 – Automotive Small Engine Repair</b> C4, AAS (8P255B – Small Engine Tech 13040000) CTE Level 1
	Total Credit Hours: 24

Total Credit Hours: 63

\*Course prerequisite required

Certificate and degree course information is based on the [2023-2024 Dallas College](#) catalog. Programs may be revised during the academic year. Please access the official catalog for the official and most current degree and certificate information.

<p><b><sup>1</sup> Creative/Fine Arts Appreciation Options:</b> See success coach for placement</p> <p>ARTS 1301 – Art Appreciation DANC 2303 – Dance Appreciation I DRAM 1310 – Introduction to Theatre DRAM 2361 – History of Theater MUSI 1306 – Music Appreciation I</p>	<p><b><sup>2</sup> MATH Options:</b> See success coach for placement</p> <p>MATH 1332 – Contemporary Mathematics MATH 1314 – College Algebra</p>
<p><b><sup>6</sup> Component Area Options:</b> See success coach for placement</p> <p>SPCH 1311 – Introduction to Speech Communication</p>	<p><b><sup>4</sup> Behavioral/Social Sciences Options:</b> See success coach placement</p> <p>HIST 1301 – US History I <b>OR</b> CRIJ 1307 – Crime in America ECON 2301 – Macroeconomics ECON 2302 – Microeconomics GOVT 2305 – Federal Government HIST 1302 – US History II PHED 1304 – Personal/Community Health PSYC 2301 – General Psychology SOCI 1301 – Introduction to Sociology <b>OR</b> GOVT 2306 – Texas Government</p>