

**Cluster – Transportation, Distribution and Logistics**  
**Pathway – Facility and Mobile Equipment Maintenance**  
**Program of Study – Automotive Service Technology**

**Sample Plan of Study**

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Smart Core</b>	English I or Pre-AP	English II or Pre-AP	English III or AP	English IV or AP
	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Trigonometry Pre- AP Calculus	AP Calculus College Algebra AP Statistics
	Physical Science	Biology Pre-AP Chemistry Applied Biology/Chemistry	Chemistry Physics Principles of Technology	AP Biology AP Chemistry AP Physics Earth & Space Science
	Civics	World History	US History	Economics
<b>Foundation Courses</b> Career Orientation Computer Technology Keyboarding  <b>Graduation Requirements</b> English 4 units Math 4 units Science 3 units Social Studies 3 units Fine Arts ½ unit Health and Safety ½ unit Oral Communication ½ unit Physical Education ½ unit Career Focus 6 units  <b>Arkansas Challenge</b> Foreign Language 2 units	<b>Program of Study Support Courses</b> EAST/Workforce Technology Internship Workplace Readiness  <b>Support Courses</b> Foreign Language Word Processing or Computer Business Applications (CBA)  <b>Extended Learning Opportunities</b> SkillsUSA Job Shadowing  Youth Apprenticeship MWC Automobile Dealership	<b>Automotive Service Technology Core Courses</b> Electrical Systems Brakes  <b>Automotive Service Technology Electives</b> Suspension and Steering Engine Performance  <b>Automotive Service Technology Industry Certifications</b> Automotive Service Excellence (ASE) in: Electrical Systems Brakes Suspension and Steering Engine Performance  <b>Related Programs of Study</b> Automotive Collision Repair Diesel Mechanics Power Equipment Technology		
<b>Postsecondary Opportunities</b>				
<b>Major</b>	<b>Postsecondary School</b>		<b>Certificate/Degree Program</b>	
Automotive Service Technology	ATU Russellville UACC Batesville SEAC Pine Bluff SACC El Dorado ANC Blytheville ASU Newport & Beebe & Jonesboro UA Fort Smith, Monticello & Morrilton NPCC Hot Springs NAC Harrison OTC Malvern SAUT Camden CCC UA DeQueen OZC Melbourne PTC North Little Rock BRTC Pocahontas		Certificate	
Automotive Service Technology	ASU Newport & Jonesboro, CCC UA DeQueen, OZC Melbourne, UACC		Associate's	

	Morrilton, SEAC Pine Bluff, OTC Malvern, NAC Harrison, RMCC Mena	
Advanced Automotive Service	ATU Russellville	Certificate
Auto Mechanics	ASU Beebe, ASU Newport, PCCUA Helena, RMCC Mena`	Certificate
Auto Mechanics	PTC North Little Rock	Associates
Automobile Upholstery	OZC Melbourne, ASU Beebe	Certificate
Automotive Diagnostics	SACC El Dorado	Certificate
Automotive Drivability Specialist	UA Ft. Smith	Certificate
Automotive Drive Train Spec	UA Ft. Smith	Certificate
Automotive Technology	ASU Beebe, SAUT Camden, UACC Morrilton, CCCUA DeQueen, UA Ft. Smith ASU Beebe	Certificate Associate's
Basic Auto Maintenance	SACC El Dorado	Certificate
Engine Machinist	PTC North Little Rock	Certificate
Maintenance Mechanics	PCCUA Helena	Certificate, Associate's