

Cluster – Manufacturing
Pathway – Maintenance, Installation & Repair
Program of Study – Major Appliance Repair

Sample Plan of Study

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Smart Core	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
Foundation Courses Career Orientation Computer Technology Keyboarding Graduation Requirements 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 Arkansas Challenge Foreign Language 2 units	Program of Study Support Courses EAST/Workforce Technology Internship Workplace Readiness Support Courses Foreign Language Word Processing or Computer Business Applications (CBA) Extended Learning Opportunities SkillsUSA Job Shadowing	Major Appliance Repair Core Courses Major Appliance Technology I Major Appliance Repair Electives Major Appliance Technology II Major Appliance Technology Lab Major Appliance Repair Industry Certifications National Appliance Service Technician Related Programs of Study Electronics		
Postsecondary Opportunities				
Major	Postsecondary School		Certificate/Degree Program	
Electrical Engineering	ASU Jonesboro ATU Russellville		Bachelor's	
Electrical Engineering	UA Fayetteville		Bachelor's & Master's	
Electronics	EACC Forrest City SAUT Camden NAC Harrison SEAC Pine Bluff		Certificate & Associate's	
Electronics Technology	ASU Beebe NWACC Bentonville NPCC Hot Springs PTC North Little Rock UA Ft. Smith		Associate's	
Industrial Electronic Technology	ATU Russellville		Certificate	
Engineering Technology(Electrical)	UA Little Rock		Associate's & Bachelor's	
Industrial Control Systems	ATU Russellville		Certificate	