

Cluster – Science, Technology, Engineering and Math
Pathway – Engineering and Technology
Program of Study – Electronics

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	Electronics Core Courses Electronics I Electronics Electives Electronics II Electronics Lab Electronics Industry Certifications Electronic Industries Alliance Related Programs of Study Drafting and Design Pre-engineering		
Postsecondary Opportunities				
Major	Postsecondary School		Certificate/Degree Program	
Applied Engineering Technology	EACC Forrest City		Certificate	
Biomedical Electronics Technology	NAC Harrison		Associate's	
Computer and Networking Fundamentals	ASU Beebe		Certificate	
Electrical Engineering	ASU Jonesboro ATU Russellville		Bachelor's	
Electrical Engineering	UA Fayetteville		Bachelor's & Master's	
Electronic Engineering Tech	SAUT Camden		Associate's	
Electromechanical Technology	UA Monticello, ASU Beebe, NAC Harrison, PTC North Little Rock, SEAC Pine Bluff		Certificate	
Electromechanical Technology	PTC North Little Rock		Associate's	
Electronics	EACC Forrest City SAUT Camden NAC Harrison SEAC Pine Bluff		Certificate & Associate's	
Electronics Technology	ASU Beebe UA Ft. Smith NWACC Bentonville ASU Mtn. Home		Associate's	

	NAC Harrison ATU Russellville NPCC Hot Springs PTC North Little Rock	
Electronic Technology	CCCUA DeQueen, UACC Batesville, NAC Harrison	Certificate
Electronics/Computer Engineering Technology	UA Little Rock	Bachelor's
Engineering Technology(Electrical)	UA Little Rock	Associate's & Bachelor's
Industrial Control Systems	ATU Russellville	Certificate
Industrial Electronic Technology	ATU Russellville	Certificate
Operations Research	UA Fayetteville	Master's