

Cluster – Architecture and Construction
Pathway – Design/Pre-Construction
Program of Study – Geospatial Technology

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		Geospatial Technology Core Courses Intro to GIS GIS & Remote Sensing (GIS/RS) Geospatial Technology Electives Spatial Technology and Remote Sensing (STARS) Spatial Projects & Community Exchange (SPACE) Geospatial Technology Industry Certifications STARS Related Programs of Study Drafting and Design Pre-Engineering
Postsecondary Opportunities				
Major	Postsecondary School		Certificate/Degree Program	
Management Information Sys	UCA Conway		Bachelor's	
Spatial Information Sys	UA Monticello		Bachelor's	
Geospatial Technology	UA Little Rock		Graduate Certificate	
Geospatial Information Sys	UA Fort Smith		Associate's	
Geospatial Information Sys	UCA Conway		Graduate Certificate	