



YOUR FUTURE STARTS HERE

Signature Academies offer an innovative and unique approach to education that is designed to increase student engagement and foster in-depth learning within specific fields of interest. Each academy offers unique courses and specialized learning opportunities, designed to equip students with practical knowledge and skills. Successful completion will allow students to enter the workforce immediately or continue their education at a post-secondary institution.





AGRISCIENCE CONSTRUCTION

Provides students with classroom and laboratory activities covering five pathways- Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students will gain knowledge of basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and material handling.

Business Partners/Colleges

- Agri-AFC LLC
- HOAR Construction
- Spire (formerly Alagasco)
- Lawson State Community College

Career Opportunities

- UDA Inspector (\$51,527)
- Turfgrass Management (\$54,527)
- Agricultural Sales Representative (\$57,972)

Courses Offered/Prerequisites

- Fundamentals of Agriscience
- Intermediate Agriscience
- Advanced Agriscience
- Applied Agriscience





CULINARY ARTS

Introduction of students to the world of cooking in the culinary arts. Credentials may be attained in the program.

Business Partners/Colleges

- Alabama Power
- Bevill State Community College
- Jefferson State Community College
- Ross Bridge Golf Resort

Career Opportunities

- Chefs and Head Cooks (\$59,000)
- Food Service Managers (\$61,000)

Courses Offered/Prerequisites

- Hospitality & Tourism
- Culinary Arts I
- Culinary Arts II
- Baking and Pastry Arts
- Event Planning





CYBERSECURITY

Prepares students with real-world, hands-on activities that will help them to gain knowledge and credentials in cyber ethics, network systems and security, computer boot processes and drive, intrusion detection, ethical hacking, cryptography, virtualization, cyberterrorism, and the applicable laws and administrative procedures of cybersecurity.

Business Partners/Colleges

- Innovation Depot
- TestOut
- Ed Farms
- Jefferson State Community College

Career Opportunities

- Software Developer (\$89,600)
- Computer Systems Analysts (\$82,700)
- Computer Network Support Specialist (\$71,000)
- Web Developer & Digital Interface Designer (\$75,600)

Courses Offered/Prerequisites

- Information Tech Fundamentals
- Networking I Fundamentals
- Cybersecurity I PLTW
- Jeff State Cyber-Security Dual Enrollment Courses





ENGINEERING

Develops students' skills and knowledge to understand the engineering design process through research and applications.

Business Partners/Colleges

- Bevill State Community College
- University of Alabama

Career Opportunities

- Electrical Engineer (\$95,000)
- Materials Engineer (\$94,000)

Courses Offered/Prerequisites

- Engineering Essentials
- Intro to Engineering Design
- Principles of Engineering
- Engineering Design and Development





ARTS - SPECIAL EFFECTS

PINSON VALLEY
HIGH SCHOOL



ARTS - SPECIAL EFFECTS

Students gain proficiency in special effects make-up creation and application, mask making, prop making, and creature creation. This academy will provide maximum opportunities for creativity and innovative artistic output while in school. Beyond the classroom, students will be introduced to artists in residence and professional organizations.

Courses Offered/Prerequisites

- Art 1
- Art 2
- Special FX 1
- Special FX 2
- Special FX 3
- Special FX 4
- Special FX Independent Study
- AP or Portfolio
- Options:
 - AP 3-D Design
 - Portfolio Crafts 4





ACE - COLLEGE EXCELLENCE

Provides students with an opportunity to take all required courses for a high school diploma and all required courses for an associate's degree concurrently. Students will graduate from high school with the capacity to engage in a high-demand technical field career earning a family-sustaining wage or enter a 4-year college as a junior.

Business Partners/Colleges

- Lawson State Community College

Course Pathways

- ACE - 4 Year Transfer Pathway
- ACE - Medical Office Administration Pathway
- ACE - Computer Science Pathway



ACE - 4 YEAR TRANSFER PATHWAY

Lawson State Community College offers a wide variety of University Parallel Programs and General Studies (Areas of Concentrations) that will transfer to four-year institutions.

The Following Areas Fall Under the College Transfer Division:

- General Studies-- Over 75 Areas of Concentration (not to be confused with Programs of Study)
- Health and Physical Education
- Health Professions
- Humanities and Fine Arts
- Mathematics and Natural Sciences
- Social and Behavioral Sciences

Lawson State Community College Awards the Following Degrees (Within the College Transfer Division):

- Associate in Arts
- Associate in Science
- Associate in Applied Science

*Career Pathways will vary according to the type of Associate Degree earned. There are multiple job opportunities for each degree earned.

ACE - MEDICAL OFFICE ADMINISTRATION PATHWAY

The Medical Office Administration Pathway is designed to teach students strong administrative, computer, and interpersonal skills, promoting greater efficiency in the medical office.

Emphasis Is Placed on the Following:

- Developing Strong Medical Coding and Billing Skills
- Computer and Communication Abilities
- Medical Terminology
- Medical Office Procedures, Transcription, Etc.— Which Are Vital Tools in the Workplace.

*The aim is to provide each student with a combination of office administration medical skills and technology that will prepare them to be highly competitive.

Co-op is required of each student in the degree program.

Possible Careers/Jobs with this degree program:

- Medical Office Administrator
- Medical Office Manager
- Medical Office Specialist
- Unit Support Representative
- Medical Secretary
- Medical Receptionist

Course Pathway

- AA/AS Degree 4-Year Transfer Pathway

High School Courses

Fall Semester (9th Grade):	Spring Semester (10th Grade):
• Biology	• Physical Sci or Chemistry
• Geometry w/DA	• Driver's Ed
• Beg Kinesiology	Fall Semester (11th Grade):
Spring Semester (9th Grade):	• Alg II w/Stats
• World History 9	Spring Semester (11th Grade):
• English 9	• None
• Career Prep	Fall Semester (12th Grade):
Fall Semester (10th Grade):	• Economics
• English 10	Spring Semester (12th Grade):
• Alg I w/Prob	• US Government
• Health	

Students need to declare a major course of study by the end of the 11th grade Fall Semester so that the appropriate STARS guide can be used when choosing courses for the Spring Semester of 11th-grade and beyond.

Additional Notes:

1. Students may take HS or DE Courses during summer terms if desired to reduce the course load during the regular school year.
2. Students may choose to take "Advanced Level" courses for any of the high school courses listed above where available.

Course Pathway

- AAS Degree - Medical Office Administration Pathway

High School Courses

Fall Semester (9th Grade):	Fall Semester (11th Grade):
• Biology	• Alg II w/Statistics
• Geometry w/DA	• English 11
• Beg Kinesiology	Spring Semester (11th Grade):
Spring Semester (9th Grade):	• US History II ~
• World History 9	Fall Semester (12th Grade):
• English 9	• US Government
• Career Prep	Spring Semester (12th Grade):
Fall Semester (10th Grade):	• Health ~
• English 10	
• Physical Sci or Chemistry	
Spring Semester (10th Grade):	Summer term: 1 Credit College
• Alg 1 w/Prob	Physical Education course (Ex:
• US History I ~	Aerobics, Jogging, Golf, Aquatic
• Anat & Physio	Exercise, Badminton)

Additional Notes:

1. Students may take HS or DE Courses during summer terms if desired to reduce the course load during the regular school year.
2. Students may choose to take "Advanced Level" courses for any of the high school courses listed above where available.

ACE - COMPUTER SCIENCE PATHWAY

The Computer Science Pathway provides each student with a background in the principles of computing and its applications in software and systems. Students are provided real-life experiences together with the development of a sound basis in theory.

Students work individually and cooperatively, on projects designed to foster an understanding of basic theoretical principles. Whether you plan to enter the computing industry or only to use computing as a tool for other purposes, the program prepares each student for great preparation for the future.

Co-op Is Required of Each Student in the Degree Program:

- Co-op contributes to overall skill development, which builds self-confidence, maturity, and the ability to work independently.

Computer Science Graduates with an Associate Degree May Qualify to Work As:

- Computer Support Specialists
- Web Developers
- Computer Programmers

Course Pathway

- AAS Degree - Computer Science Pathway

High School Courses

Fall Semester (9th Grade):

- Biology
- Geometry w/DA
- Beg Kinesiology

Spring Semester (9th Grade):

- World History 9
- English 9
- Career Prep

Fall Semester (10th Grade):

- English 10
- Alg I w/Prob
- US History I

Spring Semester (10th Grade):

- Physical Sci (or) Chemistry
- US History II

Fall Semester (11th Grade):

- English 11

Spring Semester (11th Grade):

- Alg II w/Statistics

Fall Semester (12th Grade):

- Health

Spring Semester (12th Grade):

- US Government

Additional Notes:

1. Students may take HS or DE Courses during summer terms if desired to reduce the course load during the regular school year.
2. Students may choose to take "Advanced Level" courses for any of the high school courses listed above where available.

