

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.





ADVANCED MANUFACTURING

Develops students' skills and knowledge in the electrical program of manufacturing, providing students with the knowledge and skills necessary to prepare them for careers in robotics, industrial maintenance, manufacturing, electronics, and precision machining. Students will participate in coordinated and simulated workplace learning experiences. Credentials may be obtained.

Business Partners/Colleges

- Birmingham Fastener
- Alabama Power
- Lawson State Community College
- Jefferson State Community College

Career Opportunities

- Industrial Machine Mechanic (\$44,000)
- Maintenance & Repair Worker (\$41,000)
- Mechatronic Engineer (\$70,189)
- HVAC (\$40,000)
- Electrician (\$46,000)

Courses Offered/Prerequisites

- Arch/Const/Manufacturing
- NCCER Indust/Maint E&I 1
- NCCER Indust/Maint E&I 2
- NCCER Indust/Maint E&I 3





AGRICULTURAL SCIENCE

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 in 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





AUTOMOTIVE TECHNOLOGY

Provides students with real-world, hands-on activities that will help them gain knowledge and credentials necessary for an entry-level position in automotive repair or as preparation for them to continue their education in college. Preparation is provided in three NATEF accredited program levels. Students will be eligible to receive ASE workplace credentials.

Business Partners/Colleges

- Collision Repair
- NAPA Auto
- KAMTEK

Career Opportunities

- Auto Service Technician (\$45,000)
- Bus & Truck Mechanic (\$47,000)

Courses Offered/Prerequisites

- Non-Structural Analysis and Damage Repair
- Paint & Refinish I
- Paint & Refinish II
- Structural Analysis and Damage Repair





BIOMEDICAL SCIENCE

Exposes students to careers in the field of medical and health services. Students will participate in Project Lead the Way, a science program curriculum that provides students with the opportunity to investigate the roles of biomedical professionals in the areas of human medicine, physiology, genetics, microbiology, and public health.

Business Partners/Colleges

- UAB School of Health Professions
- St. Vincent's Health
- Jefferson State Community College

Career Opportunities

- Biomed Technician (\$49,000)
- Biomedical Research (\$93,000)
- Medical Imaging Professional (\$61,000)
- Biomaterials Engineer (\$88,550)

Courses Offered/Prerequisites

- First Year Prerequisite courses
Required at home school -
Foundations of Science & Biology
- Principles of Biomedical Sciences
- Human Body Systems
- Medical Interventions





BROADCAST JOURNALISM

HUEYTOWN
HIGH SCHOOL



BROADCAST JOURNALISM

Offers students a glimpse into the world of broadcast journalism, both in front of and behind the lens. Students will encounter topics like journalistic ethics, studio operations, and writing for the press. Broadcast journalism graduates will have a wealth of knowledge and experience of journalism's foundational practices and principles.

Business Partners/Colleges

- WBRC Fox 6 News
- Jefferson State Community College

Career Opportunities

- Broadcast Technicians (\$38,956)
- Reporter and Correspondents (\$41,500)

Courses Offered/Prerequisites

- Intro to TV Production
- TV Production & Studio Operations
- Advanced TV Production
- TV Production - Photography/Editing





ENGINEERING

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

Business Partners/Colleges

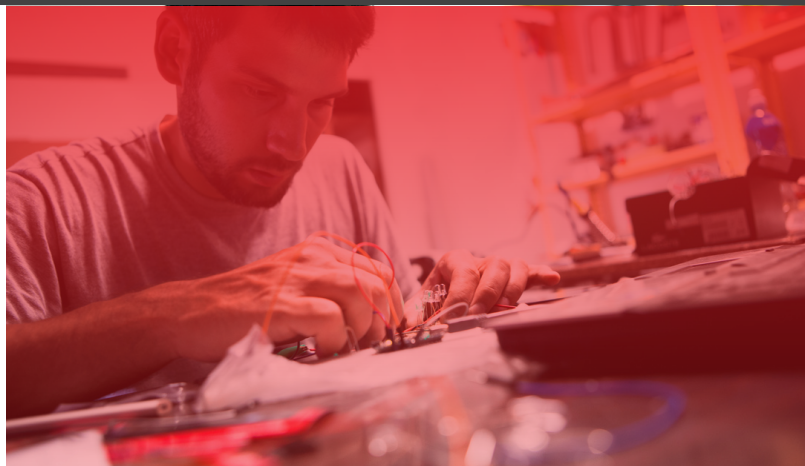
- Bevill State Community College

Career Opportunities

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

Courses Offered/Prerequisites

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





LEADERSHIP (JROTC)

Prepares and motivates high school students and teaches them the value of leadership, personal responsibility, and self-esteem. Development of personal responsibility, communication, management, and strategic thinking. Real-world simulations and teamwork activities will enhance students' learning by providing opportunities for students to work in leadership positions.

Business Partners/Colleges

- Dollar General Distribution Facility
- US Postal Service
- United States Army
- Lawson State Community College

Career Opportunities

- E-3 Lance Corporal (\$27,000)
- O-1 Second lieutenant (\$49,600)

Courses Offered/Prerequisites

First Year

- JROTC Army Level 1
- JROTC Army Level 1B

Second Year

- JROTC Army Level 2
- JROTC Army Level 2B

Third Year

- JROTC Army Level 3
- JROTC Army Level 3B

Fourth Year

- JROTC Army Level 4
- JROTC Army Level 4B





LOGISTICS

Prepares high school students for real-world of Global Logistics and supply chain management. Provides development of decision-making, critical thinking, and problem-solving skills to coordinate the movement of goods and services that may be separated by a few feet or by thousands of miles.

Business Partners/Colleges

- Dollar General Distribution Facility
- US Postal Service
- Piggly Wiggly Distribution Center
- CVS Distribution
- Buffalo Rock Distribution Center

All guarantee jobs to students that finish

Career Opportunities

- Logisticians (\$64,000)
- Laborer, Freight, Stock, Material Mover (\$30,200)

Courses Offered/Prerequisites

12th Grade Students Only (At Lawson State)

- Logistics Foundational Level Course for Certified Logistics Associate (CLA) Credential
- Logistics Operations Course for Certified Logistics Technician (CLT) Credential





ARTS - MUSIC TECHNOLOGY

HUEYTOWN
HIGH SCHOOL

ARTS - MUSIC TECHNOLOGY

Encourages critical thinking skills and immerses students in a learning environment grounded in arts education. Prepares students with the skills and experiences needed to perform in a post-secondary learning experience. Opportunities will be provided specifically for Music: Vocal Performance & Production, Music Instrumental, Performance (Keyboard/Guitar), Theatre: Creative Performance (Playwriting), and Visual Arts: Professional Design (3D, Digital 2D).

Courses Offered/Prerequisites

First Year

- Audio Technology I

Second Year

- Audio Technology II

Third Year

- Music Production and Engineering I

Fourth Year

- Music Production and Engineering II

