

The foundation for our state's future.

**C**areer

**T**echnical

**E**ducation

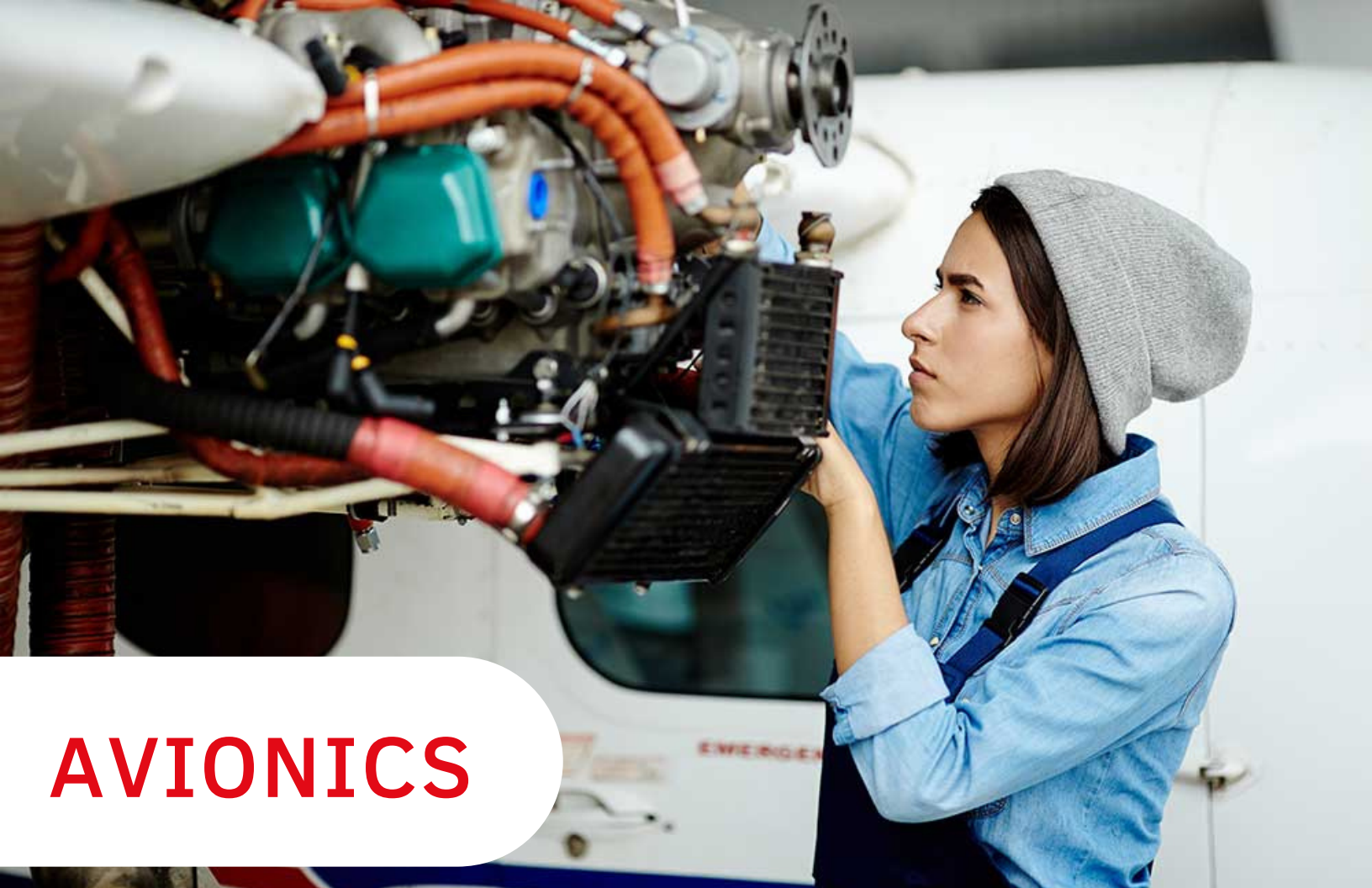


# DONNA HUGHES

Saraland City Schools  
Career & Technical  
Education  
Director

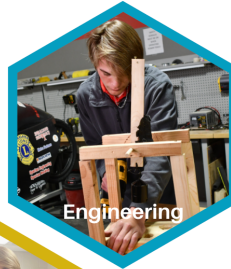


Saraland High School's Career and Technical Education programs are led by experienced, passionate educators with the knowledge and know-how to equip students with workforce ready skills. CTE classes offer career exploration and preparation through hands-on learning experiences, helping students take their first steps toward future careers. Thanks to the vision of the school administration and the support of the Saraland School Board, programs are flourishing and so are students' aspirations. CTE establishes a pathway to career readiness and is education that works!



**AVIONICS**

*Science,  
Technology,  
Engineering & Math  
(STEM)*



*Architecture &  
Construction*

**Career  
Technical  
Education  
Clusters**

*Human Services*



*Business  
Management and  
Administration*



*Health Science*



*Education and  
Training*



# Career Technical Education

Saraland High School offers six CTE clusters, providing an array of pathways to career readiness. By taking advantage of CTE course offerings, students can develop in-demand skills for high demand jobs.

Coupled with a rigorous curriculum is the opportunity for students to earn an industry credential by passing a national certification examination. Credentialing increases opportunities for advancement in the job market.

Now more than ever, employers want workers who possess workforce ready skills. CTE is hands-on learning that opens the door to future success.







**AVIONICS**

## DESCRIPTION

In the Airframe Technology program, you will learn about the construction and operation of aircraft propellers, how to operate turbine engines and much more regarding the major systems that power current aircrafts.

In the Airframe Technology program, you will practice repairing and maintaining structures that make up the aircraft, including sheetmetal structures, hydraulic systems and communication systems. You will also practice repairs on fuel systems and will learn to interpret aircraft drawings.

## CAREER OPTIONS

- Powerplant Mechanic
- Theme Park Technician
- Airframe Technician
- Elevator Technician
- Avionics
- Automotive

## INDUSTRY RECOGNIZED CERTIFICATION

Federal Aviation  
Administration (FAA)

**Dual enrollment offered through  
Coastal Alabama Community  
College!**



That Makes a **Big difference**

ROCK THE LAND  
SAVING D.H.S.  
KIRK JAY  
MONDAY 11.19.19 9AM  
READ & TEACH

Business Management  
\$100,000  
Accounting  
\$100,000  
Marketing  
\$100,000  
Finance  
\$100,000  
Human Resources  
\$100,000  
Operations  
\$100,000  
Information Systems  
\$100,000  
Legal  
\$100,000  
Public Relations  
\$100,000  
Sales  
\$100,000  
Transportation  
\$100,000  
Healthcare  
\$100,000  
Education  
\$100,000  
Government  
\$100,000  
Non-Profit  
\$100,000  
Arts & Entertainment  
\$100,000  
Real Estate  
\$100,000  
Energy  
\$100,000  
Agriculture  
\$100,000  
Manufacturing  
\$100,000  
Construction  
\$100,000  
Retail  
\$100,000  
Food & Beverage  
\$100,000  
Hospitality  
\$100,000  
Travel  
\$100,000  
Media  
\$100,000  
Technology  
\$100,000  
Telecommunications  
\$100,000  
Aerospace  
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Defense  
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Automotive  
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Marine  
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Defense  
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Automotive  
\$100,000  
Marine  
\$100,000

#JLDC

BE THE CHANGE  
BE FRIENDLY  
BE POSITIVE  
BE CREATIVE  
BE BRAVE  
BE RESPONSIBLE  
BE HONEST

**BUSINESS  
MANAGEMENT &  
ADMINISTRATION**

## **COURSES OFFERED**

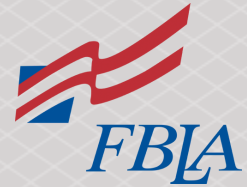
- Business Technology Application
- Advanced BTA
- Multimedia Design
- Multimedia Publication
- Business Essentials

## **CAREER OPTIONS**

- Company Executive (CEO;CFO)
- Digital Marketing/Financial/Office Manager
- Marketing/Multimedia/Graphic Designer/Webmaster
- Insurance Agent
- Various sales positions
- Human Resources Specialist
- Inventory or Billing Clerk

## **CTSO**

Future Business  
Leaders of  
America(FBLA) - Phi  
Beta Lambda



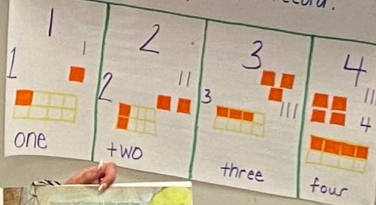
## **INDUSTRY RECOGNIZED CERTIFICATION**

Microsoft Office  
Specialist (MOS)

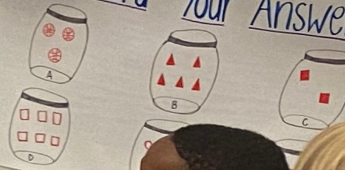




Different ways to record.



Record Your Answer



EDUCATION &  
TRAINING



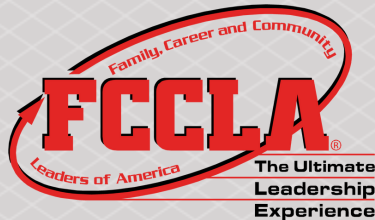
## DESCRIPTION

The Education and Training cluster prepares high school students for careers in the education and training field.

Rigorous instruction is provided to equip students with knowledge and skills needed in preparation for credentials, articulated credit, and/or further education.

## CTSO

Family, Career, and  
Community Leaders of  
America  
(FCCLA)



**Students receive hands on experience with amazing educators in classrooms of various levels within Saraland City Schools & childcare facilities in the community.**

## COURSES OFFERED

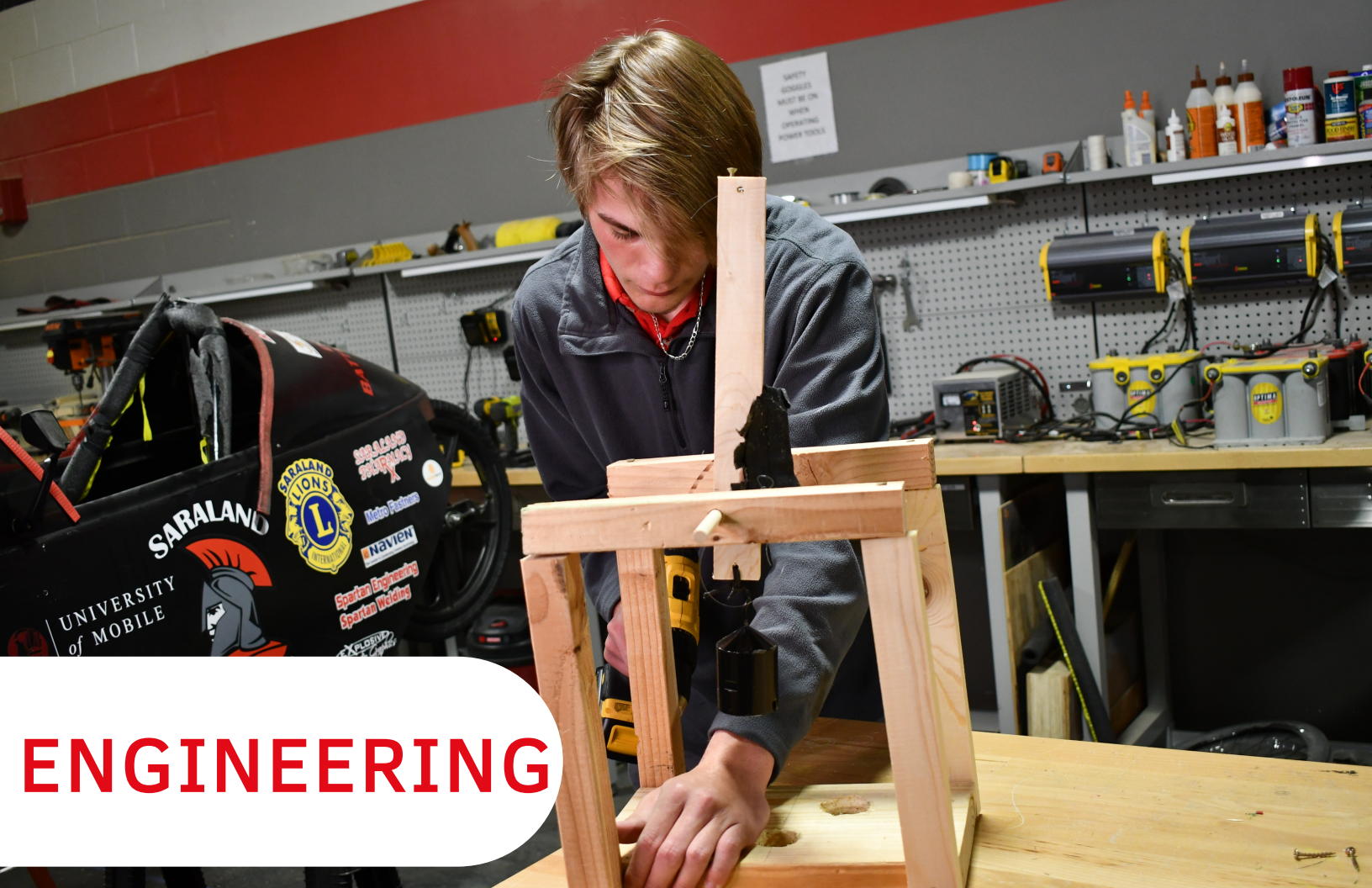
- Foundations
- Teaching I
- Teaching II

## CAREER OPTIONS

- Teacher/Counselor/Librarian
- Principal
- Coach
- Social Worker
- Daycare Provider
- Children/Youth Minister
- Psychologist
- Child-related healthcare

## INDUSTRY RECOGNIZED CERTIFICATION

Praxis - Core  
Academic Skills for  
Educators



**ENGINEERING**

## DESCRIPTION

Students choosing to take these courses will learn the close relationship of mathematics and science to the engineering and technology disciplines and apply mathematics and scientific principles throughout their learning. As technology continues its rapid expansion, adequately preparing students for engineering-related careers is essential and serves as the primary purpose of this program.

## COURSES OFFERED

- Foundations of Engineering & Technology
- Applications of Engineering & Technology
- Capstone of Engineering & Technology

**The Science, Technology, Engineering, and Mathematics classrooms and labs provide safe & appropriate settings for student exploration/learning. The structured, yet active environment stimulates students' creativity and helps them develop the necessary skills for future employment.**

## CAREER OPTIONS

- All fields of Engineering
- Mechatronics
- Manufacturing Technician
- Robotics Technician
- Architect



## CTSO

Technology Student Association (TSA) is a club for engineering students. Students can be part of the electrathon race team or compete in other engineering competitions.

## INDUSTRY RECOGNIZED CERTIFICATION

- Autodesk Inventor Certification
- FANUC
- Fusion
- Revit





**HEALTH  
SCIENCE**

## DESCRIPTION

The Health Science Program instructional content incorporates project- and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and work-based learning opportunities that are age and grade appropriate.

## CAREER OPTIONS

- Medical Assistant
- Dental Assistant/Hygienist
- Physical Therapist/PTA
- Veterinarian/Vet Tech
- Occupational Therapist/OTA
- Pharmacist/Pharmacy Tech
- Nurse/Nurse Assistant
- Physician

## COURSES OFFERED

- Foundations of Health Sciences
- Medical Terminology
- Therapeutic Services
- Internship - Health Sciences

## INDUSTRY RECOGNIZED CERTIFICATION

- Basic Life Support with American Heart Association
- CPR Instructor
- Certified Nurse Assistant (CNA)
- Patient Care Technician (PCT)

## CTSO

Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and work-based learning opportunities that are age and grade appropriate.







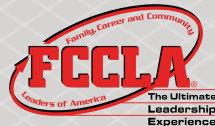
# HUMAN SERVICES

## DESCRIPTION

This cluster prepares students for employment in career pathways that relate to families and human needs, such as family and community services, personal care, and consumer services. Courses provide students with knowledge in event planning; photographic styling applications; social media and digital design techniques; developing and adapting food products for marketing and specific nutrition needs; meal planning; food safety; and the scientific investigation of production, processing, preparation, evaluation, and utilization of food.

## COURSES OFFERED

- Family & Consumer Sciences
- Food & Nutrition
- Event Planning



## CAREER OPTIONS

- Nutritionist
- Food Service Manager
- Dietician
- Caterer
- Customer Service
- Retail Salesperson
- Public Relations

## INDUSTRY RECOGNIZED CERTIFICATION

ServSafe Food Protection Manager

## CTSO

Technology Student Association (TSA) is a club for engineering students. Students can be part of the electrathon race team or compete in other engineering competitions.





**WELDING**

## DESCRIPTION

Welding is a highly skilled industry that can take you places all over the world. From ladders to aircraft carriers, from NASCAR to national defense, and from the laboratory to sales and repair, the varied welding industry impacts virtually every industry. Technology is creating more uses for welding in the workplace. This program utilizes NCCER's four-level curriculum covering topics such as Oxyfuel Cutting, Welding Symbols, and Stainless Steel Groove Welds. NCCER's curriculum also correlates to the AWS standards and guidelines for an Entry Welder.

## CAREER OPTIONS

- Welder
- Machinist
- Plumbing & Pipefitting
- Sheet Metal Worker
- Engineer
- Manufacturing
- Industrial Maintenance Tech

## COURSES OFFERED

Welding 1, 2, 3, 4

## INDUSTRY RECOGNIZED CERTIFICATION

NCCER Core

# GET TO KNOW WHO CAN HELP YOU LEARN MORE!



**EMILY  
EASTERBROOK**

SCS Career  
Coach

[eeasterbrook@saralandboe.org](mailto:eeasterbrook@saralandboe.org)



**ANITRA  
SKOGLUND**

9th/10th Grade  
Counselor

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**KANDACE  
GRANADE**

11th Grade  
Counselor

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**KIM  
ZWIERZYNSKI**

12th Grade  
Counselor

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# CTE TEACHERS



Anna Lange  
Education & Training



Ashley Munday  
Human Services



Colby Beasley  
Engineering



Jennifer Cunningham  
Business  
Management/Administration



Peter Rydzinsky  
Welding



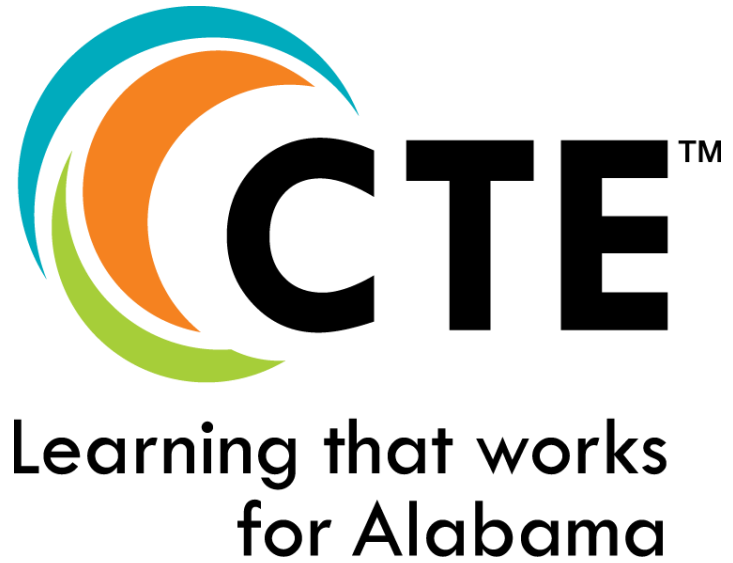
Tammi Thames  
Health Science



Tiffany Green  
Health Science



Vicky Crane  
Business  
Management/Administration



Saraland City School System does not discriminate on the basis of race, color, national origin, sex, religion, disability, or age in its program and activities and provides equal access to the Boy Scouts and other designated youth groups.

Dr. Aaron Milner  
Superintendent, SCS

Dr. Frankie Mathis  
Assistant Superintendent, SCS

Brent Harrison  
Principal, SHS