

## Student Organizations

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- SKILLS USA
- FFA
- Educators Rising
- HOSA
- Dual Credit



GEORGE COUNTY HIGH SCHOOL  
CAREER AND TECHNICAL

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**CTE is the  
place to be!**

**George County High  
School does not dis-  
criminate on the basis  
of race, color, religion,**

GEORGE COUNTY HIGH  
SCHOOL  
CAREER AND  
TECHNICAL

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**CTE**

*“Where we make  
dreams a reality”*

**Jeff Mathis**

Career & Technical Education Director

**Jason Woodruff**

Asst. Career & Technical Education Director

**Jason Holland**

George County High School Principal

**Barbara Thompson**

Career & Technical Education Counselor

**Kristyn Buckhalter**

Career & Technical Education Secretary

**Julie Durgin**

504 Coordinator

**James Ray**

Title IX Coordinator

# Career Technical Education Classes:

## **Automotive I & II - Lisa Trepkowski**

The year one course contains an introduction to shop operations, safety, tools and equipment, and preparing the vehicle for both service and the customer. The class includes courses in transmissions both automatic and manual and a introduction to electrical/ electronic information and terms. Year two contains information on lighting systems, concept of gauges, warning devices, driver information systems, horns, wiper/washer system, and accessories system diagnostic repair.

## **Business, Marketing, and Finance -Tina McDoniel**

Major topics in the year one course are communication and customer service, professional development for careers in business management, economics, personal finance, business management, and business law. The year two course focuses on management's role in attaining organizational goals. Topics include management functions, human resource development, and managing the various operational areas of a business.

## **Construction Core & Carpentry - Josh Spears**

The Construction Core course introduces students to fundamentals of construction safety, tools, math, and blueprint reading, as well as electrical, masonry, and plumbing skills. The Carpentry course consists of an in-depth study of basic safety, construction math, materials, wall, ceiling, and roof framing; windows and doors: and construction essentials.

## **Culinary Arts I & II - Danielle Frey & Ashton Estis**

The year one course gives students the foundational skills necessary in the food service industry. Content such as food safety and sanitation; equipment safety and security; culinary foundations and math; and an introduction to the hospitality industry are included. Year two emphasizes the hands-on practice of food preparation. They participate in on-the-job training, students will use skills related to management and business concepts, customer communication, and customer service.

## **Educator Preparation I & II - Holly Hulbert**

Teacher Academy one is an entry-level course. Students gain foundation competencies related to students as learners, planning and assessing teaching, teaching strategies, and communication skills. Along with hands on field experience. Teacher Academy two provides students with

## **Forestry I & II - Keith Davis**

Forestry I is designed to introduce the student to the forest industry and forestry careers in Mississippi. The course provides instruction on forest careers and leadership, forest safety, tree growth and development, dendrology, surveying and mapping, and tree and log measurements. Emphasis is placed on the scientific and technical principles of modern forest management.

Forestry II is a continuation of Forestry I with additional emphasis on forest management, timber cruising, marketing and harvesting methods, reforestation, fire management, and forest pests. Emphasis is placed on scientific and technical principles.

## **Horticulture I & II - Rick McMullan**

Horticulture 1 introduces students to basic plant and soil science (plant structure and growth). This course focuses on horticulture structures, plant propagation, and principles of pest management. This course also covers greenhouse crops and olericulture production.

Horticulture 2 reviews leadership, careers, and safety in the horticulture field. It introduces students to plant identification, horticulture marketing and business procedures, and container and field crop production. This course includes concepts of landscape design, installation, construction, and maintenance. Students are introduced to turfgrass installation and maintenance, pomology, and basic principles of floristry.

## **Health Science Core & Healthcare and Clinical Services - Brandy Glass & Haylee Havard**

The Health Science Core course introduces students to the theory and practical applications of tasks related to employment in the field of health science. Topics such as safety, infection control, health care systems, and vital organs are covered. Also this course offers insight into careers in health care as well as educational requirements. Healthcare and Clinical Services course helps the students establish insight in healthcare field. Students will cover topics such as human growth and development, health informatics, information technology, and therapeutic rehabilitative services.

## **Law and Public Safety I & II - John Glass**

Course one focuses on the history of law and legal systems in the United States. Additionally, students will learn the importance of personal health and safety in the work environments associated with law and public safety. In the year two course they will focus on specialized areas within law and public safety. They will learn about areas of work and examine the daily tasks and responsibilities of the professionals associated with them. In addition they will learn about emergency management and have job-shadowing experiences.

## **Welding I & II - Jason Frey & Taylor Landrum**

Welding 1 focuses on the NCCER Learning Series Core and SMAW. Students will leave the class with a firm foundation of knowledge in the areas of employability skills, safety, and basic tool knowledge. Additionally, students will learn Oxyfuel Cutting fundamentals. Students will cover proper equipment setup, safety measures, and correct welding techniques.

Welding 2 focuses on specialized welding symbols used in blueprints and drawings as well as PAC, CAC, and advanced techniques used in SMAW. Additionally, this course will offer students the opportunity to examine GMAW and FCAW. Additionally, students will learn about GTAW. Students will learn safety measures, setup procedures, and welding techniques for each type of welding.

## **Digital Media Technology - Zac Wilkins**

Digital Media Technology encompasses the foundation skills necessary in the digital media industry. Content such as safety, ethical issues and production, photography, graphic design, and print production will be offered to students. The Audio Production and Media Rich Content portion of the course emphasizes real-world, hands-on practice. Students will receive two Carnegie units upon completion of the course.

## **Entrepreneurship - Judith Vosburg**

Entrepreneurship introduces students to elements that will help contribute to success in owning and operating a business. This course incorporates entrepreneurial skills and trends along with idea generation and validation. Students will gain knowledge in areas such as finance, accounting, marketing, economics, and management as they pertain to owning your own business. This course will examine legal concepts, business models, Lean Canvas, and business planning.

## **Work Based Learning - Ellen Strahan**

Work Based learning allows students to explore chosen career

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Mississippi!**

goals with work-based learning, experience work conditions and employee expectations, build technical knowledge and strengthen professional skills, and form relationships with potential employers and/or work references