

## Are you interested in getting a jumpstart on your future? Houston County Career Academy Survey 2019-20 School Year

Name: \_\_\_\_\_ School: \_\_\_\_\_ Student ID# \_\_\_\_\_

Current Grade Level: \_\_\_\_\_ Phone #: \_\_\_\_\_ Parent Email: \_\_\_\_\_

Are you interested in earning college credit while still in high school? **\*\*In the following DUAL ENROLLMENT programs, you can earn college credit at Central Georgia Technical College while still in high school. Classes are taught at the Houston Co. Career Academy & transportation is provided. Please select your program of interest from the choices below:**

### \_\_\_ **\*\*AIRCRAFT STRUCTURAL TECHNOLOGY**

- Provides technical training to students interested in obtaining aircraft structural assembly skills, including blueprint reading & structural fundamentals.
- Classes taught at **CGTC campus**, Transportation provided.

### \_\_\_ **\*\*AUTOMOTIVE**

- Students learn basic maintenance & repair operations in 8 ASE areas of vehicles & light trucks
- Career opportunities: Auto dealerships, Auto Care facilities, Lube shops, or Self-Employed

### \_\_\_ **\*\*BARBERING**

- Introduces students to barbering, styling implements, science, sanitation, haircutting & shampooing

### \_\_\_ **\*\*COMPUTER INFORMATION SYSTEMS (A+ Certification)**

- Students can earn Advanced Comp TIA A+ Certified Tech certificate (TCC) from CGTC
- Students learn the fundamentals of installing & maintaining microcomputers, function components, safety, printers, T-switches, troubleshooting, resolving minor system problems, preventative maintenance

### \_\_\_ **\*\*COSMETOLOGY**

- Skills training in cosmetology theory, safety, sanitation & decontamination, hair care & treatments, sales & management, haircutting, chemical texture services & styling, manicuring and pedicuring
- Curriculum meets state licensing requirements for State Board of Cosmetology

### \_\_\_ **\*\*CRIMINAL JUSTICE**

- Students interested in public safety & criminal justice; Examine components of criminal justice system and roles & responsibilities of police, courts & corrections
- Introduces students to variety of agencies & professions in law enforcement, private security, corrections, emergency services

### \_\_\_ **\*\*EMERGENCY MEDICAL RESPONDER**

- Prepares students to initiate immediate lifesaving care to critical patients; Anatomy & Physiology, Medical Terminology and Emergency response

### \_\_\_ **\*\*INDUSTRIAL MAINTENANCE TECHNOLOGY**

- Prepares students to become multi-skilled employee in manufacturing setting; Students learn mechanical maintenance, ability to operate hydraulic pneumatic pumps & piping systems & electrical systems motor controls

### \_\_\_ **\*\*WELDING**

- Graduates prepared for qualification tests & advanced welding training
- Technical certificates (TCC's) available: Basic Shielded Metal Arc Welder, Gas MIG & TIG

**\*\*Please note- above classes are covered by DUAL ENROLLMENT & Admission to Central Georgia Technical College. Students are required to submit a completed dual enrollment application and have a 2.0 high school GPA to enroll in CGTC Dual Enrollment programs. Students earn both college & high school credit.**

## **CAREER TECHNICAL COURSES/CAREER PATHWAYS 2019-20**

**\*\*Please note- the Culinary program can be dual credit with Central Georgia Technical College, but students can enroll even if they are not admitted to the college and receive high school credit only. All other programs listed below do NOT require college admission and are not Dual Enrollment programs but high school credit only.**

### **AIR CONDITIONING**

- Students learn the basic concepts, theories, safety regulations and procedures of refrigeration. Topics include an introduction to OSHA, safety, first aid, laws of thermodynamics, pressure and temperature relationships, heat transfer, the refrigerant cycle, refrigerant identification, and types of AC systems.

### **AUDIO VIDEO TECHNOLOGY & FILM (NEW)**

- Prepares students for employment or entry into a postsecondary education program in the audio and video technology career field.
- Topics covered may include: basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.

### **\*\*CULINARY ARTS**

- Students learn "art" of cooking; growing program across state of Georgia
- Opportunities in culinary field are high in demand, wages and skills
- Gain knowledge in diet, nutrition, food preparation, cost & budgets and the science of food
- Career opportunities: Souse chef, Pastry chef, Kitchen Manager, Garde Manager, Banquet chef or Restaurant entrepreneur
- Courses include: Culinary Arts, Culinary Arts I and Culinary Arts II

### **EDUCATION/TEACHING AS A PROFESSION**

- Students interested in pursuing a career in Education field
- Diverse opportunities in Education: school administrator, school counselor, elementary school teacher, special needs teacher, secondary teacher, post-secondary teacher, preschool teacher and paraprofessional
- Education is major focus in Georgia
- Courses include: Examining the teaching profession, Contemporary issues in education and Teaching internship
- Opportunity to earn college credit

### **ENGINEERING/ELECTRONICS**

- Students learn about innovation in the engineering and technology field
- Career opportunities: biomedical, chemical, civil, computer, computer science, electrical, environmental, industrial, manufacturing, materials, mechanical, nuclear engineering and engineering technology. Career opportunities in these fields generally involve planning, managing, and providing scientific research and professional and technical services.
- Students use their ingenuity with tools, materials, processes, and resources to create solutions and opportunities for themselves and others

### **FINE FURNITURE/CABINETMAKING**

- Students will learn woodworking skills including safety, applied math, hand tools and machine operations. Advanced students will further their understanding of the design process by assembling and finishing wood projects.

### **HEALTHCARE SCIENCE TECHNOLOGY**

- Students interested in pursuing a career in the Healthcare Industry
- The concepts of health, wellness, and preventative care are evaluated; ethical and legal responsibilities of today's healthcare provider are also examined
- Courses include: Introduction to Healthcare Science, Essentials of Healthcare, Allied Health and Medicine, Patient Care, Emergency Medical Responder, Exercise Physiology, & Sports Medicine

**Interested? Contact your High School counselor today!**

**If you have program specific questions, please contact the following:**

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